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NATIONAL INTERAGENCY FIRE CENTER

NATIONAL INTERAGENCY MOBILIZATION GUIDE

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CHAPTER 10

Objectives, Policy, and Scope of Operation

CHAPTER 10 – OBJECTIVES, POLICY, AND SCOPE OF OPERATION

11 Mission Statement

The principal mission of the National Interagency Coordination Center (NICC) at the National Interagency Fire Center (NIFC) is the cost effective and timely coordination of land management agency emergency response for wildland fire. This is accomplished through planning, situation monitoring, and expediting resource orders between the Bureau of Indian Affairs (BIA) Areas, Bureau of Land Management (BLM) States, National Association of State Foresters (NASF), Fish and Wildlife Service (FWS) Regions, Forest Service (FS) Regions, National Park Service (NPS) Regions, National Weather Service (NWS) Regions, Federal Emergency Management Agency (FEMA) Regions through the United States Fire Administration (USFA) and other cooperating agencies.

The National Interagency Mobilization Guide identifies standard procedures which guide the operations of multi-agency logistical support activity throughout the coordination system. This Guide is intended to facilitate interagency dispatch coordination, ensuring the timeliest and cost effective incident support services available are provided. It is designed to accommodate amendments as needed and will be retained as current material until amended. Local Mobilization Guides should be used to supplement the National Interagency Mobilization Guide. Geographic Areas will provide NICC two (2) copies of their Mobilization Guide and will provide amendments as issued.

11.1 Total Mobility

Positioning and utilizing resources to meet anticipated and existing incident, preparedness, severity, and wildland and prescribed fire needs regardless of geographic location or agency affiliation.

11.2 Priorities

When competition for wildland fire resources occurs among Geographic Areas, the National Multi-Agency Coordination Group (NMAC) at NIFC will establish national priorities.

When requested, Geographic Areas will establish priorities for their incidents and wildland fires and report them to NICC.
The single overriding suppression priority is the protection of human life – both that of our firefighters and of the public.

In setting priorities, the following criteria should be considered:

A. Maintaining initial action capability.

B. Protecting communities and community infrastructure, other property and improvements, and natural and cultural resources.

C. Limiting costs without compromising safety.

D. Meeting agency suppression objectives.

12 Scope of Operation

12.1 General

12.1.1 National Response Plan (NRP)

The National Response Plan (NRP) provides a comprehensive, national, all hazards approach to domestic incident management across a spectrum of activities including prevention, preparedness, response and recovery. This Plan identifies the Forest Service as the Primary and Coordinating agency for implementing the Emergency Support Function (ESF) #4, Firefighting and identifies Department of Interior as the Primary Agency, long with USDA, for implementing ESF #11, Agriculture and Natural Resources. The Forest Service and Department of Interior also have Support Agency responsibilities under all 15 Emergency Support Functions.

Activities will be accomplished utilizing established dispatch coordination concepts.

The affected Geographic Area Coordination Center (GACC) will coordinate ordering points with Regional Response Coordination Centers (RRCC) and Joint Field Offices (JFO). As necessary, it will pass on to NICC at Boise, Idaho for national response and logistical support when Geographic Area resources are fully committed. In the event of national level shortages or unavailability, the National Response Coordination Centers (NRCC) through the ESF #4 Desk in Washington, DC will pursue resolution of such shortages. Requests that originate from the NRCC will be processed through the Virginia Interagency Coordination Center (VICC) in Charlottesville, Virginia.

Situation and damage assessment information will be transmitted through established fire suppression intelligence channels.

In most cases, federal agencies, when requested to support the NRP, will provide base eight salary for permanent employees. FEMA will reimburse overtime, travel, and per diem costs for all employees. Base eight salary will be reimbursed for temporary, AD (Administratively Determined), and State employees mobilized to assist.

12.1.2 Office of Foreign Disaster Assistance (OFDA)

Requests for support from foreign countries other than those countries with which the Departments of Agriculture and Interior have agreements (Canada and Mexico) and arrangements (Australia and New Zealand) will come to NIFC from the Forest Service International Programs' Disaster

Assistance Support Program (DASP) through the U.S. Agency for International Development's Office of Foreign Disaster Assistance (OFDA). OFDA has the responsibility to coordinate the U.S. Government's response to international disasters. (See Chapter 42.5, International Emergency Assistance Response Process.)

13 Mobilization/Demobilization

NICC will coordinate the movement of all resources across Geographic Area dispatch boundaries not covered by local operating plans or other direction found in this Guide. When it is reasonable to expect containment prior to the next operational period, dispatch centers at the local level may coordinate directly if the resources are used for initial attack on adjacent jurisdictions. If it becomes evident the incident will not be contained during the first operational period, resources mobilized will be ordered through established ordering channels.

Resource mobilization and reassignments between Northern California Operations and Southern California Operations, and between the Western Great Basin and Eastern Great Basin do not require resource orders through NICC.

Units responding to NICC requests are responsible for ensuring the resources dispatched meet the criteria specified in this Guide and/or the National Wildfire Coordinating Group's (NWCG) Wildland and Prescribed Fire Qualification System Guide (PMS 310-1, January 2000).

13.1 Work/Rest, Length of Assignment, and Days Off

In order to provide for safe, efficient, and effective support to wildland fire operations, the following policy on work/rest, length of assignments, and incident driving operations is established. This policy applies to ALL firefighters, overhead, dispatchers, and support personnel.

To maintain safe and productive incident activities, incident management personnel must appropriately manage work and rest periods, assignment duration, and shift length for personnel, including casuals (ADs), contracted crews, and EERA (Emergency Equipment Rental Agreement) resources.

To assist in mitigating fatigue, days off are allowed during and after assignments. If necessary to reduce fatigue, the Type 1 or 2 Incident Commander or Agency Administrator (incident host or home unit) may provide time off supplementary to mandatory days off requirements. For Type 3 – 5 incidents, paid days off should be rare exceptions. However, if necessary, the Agency Administrator (incident host or home unit) may authorize day(s) off with pay.

The Incident Commander or Agency Administrator authority to grant a day off with pay lies within 5 U.S.C. 6104, 5 CFR 610. 301-306, and 56 Comp. Gen. Decision 393 (1977).

A. Work/Rest Guidelines

Work/Rest Guidelines should be met on all incidents.

Plan for and ensure that all personnel are provided a minimum 2:1 work to rest ratio (for every 2 hours of work or travel, provide 1 hour of sleep and/or rest).

Work shifts that exceed 16 hours and/or consecutive days that do not meet the 2:1 work/rest ratio should be the exception, and no work shift should exceed 24 hours. However, in situations where this does occur (for example, initial attack), incident management personnel will resume 2:1 work/rest ratio as quickly as possible.

The Incident Commander of Agency Administrator must justify work shifts that exceed 16 hours and those that do not meet 2:1 work/rest ratio. Justification will be documented in the daily incident records. Documentation shall include mitigation measures used to reduce fatigue.

The Time Officer's/Unit Leader's approval of the Emergency Firefighter Time Report (EFTR), (OF-288), or other agency pay document certifies that the required documentation is on file, and no further documentation is required for pay purposes.

The Work/Rest Guidelines do not apply to aircraft pilots assigned to an incident. Pilots must abide by applicable Federal Aviation Administration (FAA) guidelines or agency policy, if more restrictive.

B. Length of Assignment

1. Assignment Definition

An assignment is defined as the time period (days) between the first full operational period at the first incident or reporting location on the original resource order and commencement of return travel to the home unit.

2. Length of Assignment

Standard assignment length is 14 days, exclusive of travel from and to home unit, with possible extensions identified below.

Time spent in staging and preposition status counts toward the 14 day limit, regardless of pay status, for all personnel, including Incident Management Teams.

3. Days Off

After completion of a 14 day assignment and return to the home unit, two (2) mandatory days off will be provided (2 after 14)

(State regulations may preclude authorizing this for State employees). Days off must occur on the calendar days immediately following the return travel in order to be charged to the incident. (See Section 13.1.) (5 U.S.C. 6104, 5 CFR 610. 301-306, and 56 Comp. Gen. Decision 393 (1977).) If the next day(s) upon return from an incident is/are a regular work day(s), a paid day(s) off will be authorized.

Pay entitlement, including administrative leave, for a paid day(s) off cannot be authorized on the individual's regular day(s) off at their home unit. Agencies will apply holiday pay regulations, as appropriate. A paid day off is recorded on home unit time records according to agency requirements.

Casuals (ADs) and contract resources are not entitled to paid day(s) off upon release from the incident or at their point of hire.

Home unit Agency Administrators may authorize additional day(s) off with compensation to further mitigate fatigue. If authorized, home unit program funds will be used.

All length of assignment rules apply to aviation resources, including aircraft pilots, notwithstanding the FAA and agency day off regulations.

4. Assignment Extension

Prior to assigning incident personnel to back-to-back assignments, their health, readiness, and capability must be considered. The health and safety of incident personnel and resources will not be compromised under any circumstances. Personnel should anticipate the possibility of an extension when taking an assignment to Alaska.

Assignments may be extended when:

a. Life and property are imminently threatened,
b. Suppression objectives are close to being met,
c. A military battalion is assigned, or
d. Replacement resources are unavailable or have not yet arrived.

Upon completion of the standard 14 day assignment, an extension of up to an additional 14 days may be allowed (for a total of up to 30 days, inclusive of mandatory days off and exclusive of travel).

Regardless of extension duration, two (2) mandatory days off will be provided prior to the 22nd day of the assignment.
Contracts and Emergency Equipment Rental Agreements (EERAs) should be reviewed for appropriate pay requirements and length of assignment. If the contract or EERAs do not address this, the Incident Finance/Administration Section Chief or the procurement official should be consulted as to whether compensation for a day off is appropriate.

Single Resource/Kind Extensions

The Section Chief or Incident Commander will identify the need for assignment extension and will obtain the affected resource's concurrence. The Section Chief and affected resource will acquire and document the home unit supervisor's approval.

The Incident Commander approves the extension. If a convened Geographic or National Multi-Agency Coordinating Group (GMAC/NMAC) directs, the Incident Commander approves only after GMAC/NMAC concurrence.

If the potential exists for reassignment to another incident during the extension, the home unit supervisor and affected resource will be advised and must concur prior to reassignment.

Incident Management Team Extensions

Incident Management Team extensions are to be negotiated between the incident Agency Administrator, the Incident Commander, and the GMAC/NMAC (if directed).

A copy of the documentation should be attached to timesheets. The Assignment Extension Form can be found in Chapter 28.13

Upon release from the assignment, regardless of extension duration, two (2) mandatory days off will be provided immediately following the return to the home unit and chargeable to the incident. (See above for compensation and days off guidelines.)

13.2 Incident Operations Driving

These standards address driving by personnel actively engaged in wildland fire or all-risk response activities, including driving while assigned to a specific incident or during initial attack fire response (includes time required to control the fire and

travel to a rest location). In the absence of more restrictive agency policy, these guidelines will be followed during mobilization and demobilization as well. Individual agency driving policies shall be consulted for all other non-incident driving.

A. Agency resources assigned to an incident or engaged in initial attack fire response will adhere to the current agency work/rest policy for determining length of duty day.

B. No driver will drive more than ten (10) hours (behind the wheel) within any duty day. Multiple drivers in a single vehicle may drive up to the duty day limitation, provided no driver exceeds the individual driving (behind the wheel) time limitation of ten (10) hours.

C. A driver shall drive only if they have had at least eight (8) consecutive hours off duty before beginning a shift.

Exception: Exception to the minimum off-duty hour requirement is allowed when **essential** to:

1. Accomplish **immediate** and **critical** suppression objectives, or

2. Address **immediate** and **critical** firefighter or public safety issues.

D. As stated in the current agency work/rest policy, documentation of mitigation measures used to reduce fatigue is required for drivers who exceed sixteen (16) hour work shifts. This is required regardless of whether the driver was still compliant with the ten (10) hour individual (behind the wheel) driving time limitations.

13.3 Initial Attack Definition

A planned response to a wildfire given the wildfire's potential fire behavior. The objective of initial attack is to stop the spread of fire and put it our at least cost. An aggressive suppression action consistent with firefighter and public safety.
Afire that is generally contained by the initial attack units first dispatched, without significant reinforcements, within two hours after initial attack, and full control is expected within the first burning period.
Dispatch centers are to inform all resources of the name of the assigned Incident Commander and all other pertinent information. All changes in Incident Command leadership will be announced to assigned and incoming resources during initial and extended attack incidents. This information should also be relayed to Fire Management staff.

Initial attack involving the commitment of resources across recognized dispatch boundaries must comply with the following guidelines:

A. Resource dispatched are identified in formalized Agreements, Operating Plans, or Memoranda of Understanding and are located on/or adjacent to mutual jurisdictional wildland fire management boundaries.

B. GACCs may order initial attack air tankers, lead planes, and Aerial Supervision Modules (ASM1) from neighboring GACCs, as defined in Geographic Area Mobilization Guides.

C. At the time it becomes evident the incident will not be contained during the first operational period, resources involved will be formally ordered through established ordering channels.

13.4 Resource Mobilization

Resources must be mobilized on Resource Orders (See Chapter 28.1.) or by using the Resource Order and Status System (ROSS). Document all detail requests for personnel on the Detail Request Form. (See Chapter 28.7.) A standard resource order categorization and numbering system will be used. The standard system is:

A. Resources and services requested will have a unique request number from one of the following resource categories:

A = Aircraft
O = Overhead
C = Crews
E = Equipment
S = Supplies
IA = Initial Attack

B. Responsible agency management fiscal codes must be included on each resource order. (See Chapter 20, Section 21.4 – Cost Coding.)

C. A two letter (alpha) identifier for the state in which the responsible agency is located, followed by a three or four character (alpha and/or numeric) for the responsible agency, and an unique order or incident number containing a maximum of six (6) characters (alpha and/or numeric) will make up the incident/project order number.

D. Resources assigned to incidents will be identified by a two (2) letter (alpha) identifier for the State in which the resource is based, followed by a three (3) or four (4) character (alpha and/or numeric) for the sending agency.
(See http://www.nifc.blm.gov/nsdu/unit_id/Publish.html for list.)

13.5 National Resources

National Resources are those which have national utilization, high demand, limited availability, and unique status reporting requirements identified by NICC. They are:

A. National Area Command Teams.
B. Air Tankers.
C. Atmospheric Theodolite Meteorological Unit (ATMU)).
D. Fire Weather RAWS Systems.
E. Critical Cache Items.
F. Infrared Aircraft.
G. Large Transport Aircraft.
H. Lead Plane Aircraft.
I. Aerial Supervision Modules (ASM1).
J. Modular Airborne Firefighting Systems (MAFFS).
K. National Type 1 Incident Management Teams.
L. National Contract Mobile Commissary Services Units.
M. National Interagency Caches.
N. National Contract Mobile Food Services Units.
O. National Contract Mobile Shower Facilities Units.
P. NIRSC Telecommunication Components.
Q. Smokejumpers.
R. Smokejumper Aircraft.
S. Type 1 Interagency Hotshot Crews.
T. Type 1 & 2 Helicopters.

13.6 Notification of Commitment of National Resources

GACCs will notify NICC and adjoining GACCs of the commitment of National Resources within their area. A commit message will be sent by electronic mail on the Dispatch Messaging System (DMS) within **fifteen (15) minutes** of commitment when:

A. When National Resources are committed internally to an incident or are no longer available for dispatch.

B. When available again.

C. When location changes.

D. When 50% of the Smokejumpers at home bases are dispatched.

13.7 Unable to Fill (UTF) Procedure

A 48 hour "Unable To Fill" Policy exists nationally. NICC will return requests to the ordering GACC with a "UTF" 48 hours after receipt, unless notified the order can be filled. NICC will not accept or process any request previously UTF'd unless a new request number is assigned.

13.8 Standard Cubes, Weight, and Gear Policy for all Personnel (Excluding Smokejumpers, Rappellers, and Helicopter Managers – Refer to Chapters 63.2 and 65)

All personnel dispatched off their unit must conform to the following limitations:

A. One frameless, soft pack, not to exceed 45 pounds.

B. Web gear or briefcase (not both), not to exceed 20 pounds.

C. Maximum allowable crew weight, including equipment, is 5,100 pounds.

D. All personnel baggage weights must be displayed separately from individual weights on flight manifests.

E. Pre-identified Type 1 Incident Management Team members are authorized additional weight, not to exceed 300 pounds, for equipment per team. The Incident Commander must designate, in advance, which team members are authorized additional weight and make this a matter of record.

13.9 Strike Teams/Task Forces

Requests for resources configured as Strike Teams or Task Forces cannot be accepted on a single request number when ordered through NICC. NICC requires individual request numbers for each Strike Team or Task Force component. The single resources may then be assembled within the requesting unit/geographic area.

13.10 Wildland Fire Weather Forecasts

Geographic Area Coordinating Groups will provide direction and guidance, which will ensure wildland fire weather forecasts are communicated in a timely manner to firefighters on all wildland fires.

CHAPTER 20

Administrative Procedures

CHAPTER 20 – ADMINISTRATIVE PROCEDURES

21 Ordering Channels/Cost Coding

All agencies have designated ordering procedures for incident and wildland fire support and services. These established ordering channels provide for: rapid movement of requests, agency review, efficient utilization of resources, and cost effectiveness.

21.1 Geographic Area Coordination Centers (GACCs)

The GACCs act as focal points for internal and external requests not filled at the local level. GACCs are located in the following areas:

EASTERN – St. Paul, Minnesota:

Connecticut, Delaware, Illinois, Indiana, Iowa, Maine, Maryland, Massachusetts, Michigan, Minnesota, Missouri, New Hampshire, New Jersey, New York, Ohio, Pennsylvania, Rhode Island, Vermont, West Virginia, and Wisconsin.

SOUTHERN – Atlanta, Georgia:

Alabama, Arkansas, District of Columbia, East Texas (plus Texas State Forest Service in West Texas), Florida, Georgia, Kentucky, Louisiana, Mississippi, North Carolina, Oklahoma, South Carolina, Tennessee, Virginia, Puerto Rico, and the Virgin Islands.

SOUTHWEST – Albuquerque, New Mexico:

Arizona, New Mexico, and West Texas (west of the 100th Meridian).

ROCKY MOUNTAIN – Lakewood, Colorado:

Colorado, Kansas, Eastern Wyoming, Nebraska, and South Dakota.

NORTHERN ROCKIES – Missoula, Montana:

Montana, North Dakota, and Northern Idaho.

ALASKA – Fort Wainwright, Alaska:

Alaska.

NORTHWEST – Portland, Oregon:

Oregon and Washington.

NORTHERN CALIFORNIA OPERATIONS – Redding, California:

Northern California and Hawaii.

SOUTHERN CALIFORNIA OPERATIONS – Riverside, California:

Southern California and USA Pacific Islands.

EASTERN GREAT BASIN – Salt Lake City, Utah:

Southern Idaho, Western Wyoming, and Utah.

WESTERN GREAT BASIN – Reno, Nevada:

Nevada.

21.2 Ordering Procedures

Orders as the result of an incident, preparedness, severity, and wildland and prescribed fire will follow the established ordering channel displayed below.

At the point in this flow when an order can be filled, reverse the process to insure proper notification back to the incident or requesting office. Local agency dispatch offices should use mutual aid agreements with cooperators whenever possible.

INCIDENT

↕

DISPATCH CENTER

↕

GEOGRAPHIC AREA COORDINATION CENTER

↕

NATIONAL INTERAGENCY COORDINATION CENTER

↕

GEOGRAPHIC AREA COORDINATION CENTER

↕

DISPATCH CENTER

↕

SENDING AGENCY

21.2.1 Support to Border Fires

Border fires are defined as a wildfire that has crossed the boundary from one (1) Geographic Area into another or where the fire is expected to cross the boundary within two (2) burning periods.

Whereas both Geographic Areas have a vested invest and authority to provide resource support to the incident, they may order directly from each other in support of the incident. The following protocols apply:

A. A single ordering point will be designated to ensure proper assignment and demobilization of resources. The incident will remain with the originating unit for situation reporting and prioritization.

B. The dispatch organization designated as the single ordering point may place orders to either GACC using established ordering channels, however only the GACC of the originating unit expanded dispatch is authorized to place orders with NICC.

C. Prior to initiating border fire support operations, concurrence and agreement must occur between the two GACCs and NICC. In order to maintain effective coordination and ensure that the appropriate resources are mobilized, daily conference calls will be conducted between both GACCs and the expanded dispatch organization for the duration of the incident.

21.2.2 Mobilization and Demobilization Information

All resource information, including travel, will be relayed electronically through the Resource Order Status System (ROSS).

All times (ETA and ETD) are in local time zones.

A Cache Shipping Status Form will be used by caches to relay shipping information for supplies. For example, radio requests filled by the National Incident Radio Support Cache (NIRSC).

Travel information for resources mobilizing to and demobilizing from an incident will be transmitted by creating a travel itinerary in ROSS. Travel legs will reflect the mode of travel, carrier (with flight numbers), departure location, date and time, and arrival location, date and time.

21.3 Non-Incident Related Ordering

Resource acquisition not related to an incident, preparedness, severity, and wildland or prescribed fire may also follow these ordering procedures. The use of appropriate cost coding procedures is required. Procedures for National Interagency Support Cache ordering are in Chapter 20, Section 23.3 of this Guide.

21.4 Cost Coding

All fire suppression orders are to have an interagency FireCode assigned by the ordering office. (Information on the interagency FireCode can be found at: http://www.nifc.gov/news/firecode/userguide/guide_toc.html.) Orders processed through NICC must have at least one of the following federal agency cost codes assigned by the ordering office:

21.4.1 Bureau of Land Management (BLM)

The BLM wildland fire management cost coding is dived into ten (10) activities:

1.	Wildland Fire Preparedness	2810
2.	Fire Deferred Maintenance & Capital Improvement	2813
3.	Suppression Operations	2821
4.	Emergency Stabilization	2822
5.	Hazardous Fuels Reduction	2823
6.	Wildland Urban Interface	2824
7.	Fire Program Reimbursement	2830
8.	Rural Fire Assistance	2860
9.	Burned Area Rehabilitation	2881
10.	Joint Fire Science Program	2891

The use of 2813, 2821, 2822, 2823, 2824, 2830, and 2881 requires a project code. The interagency FireCode Program will be used to generate a four (4) character project code for fire suppression activity.

21.4.2 Bureau of Indian Affairs (BIA)

The BIA wildland fire management funding has six (6) activities. Each activity has sub-activities with their respective cost code structures:

1.	Wildland Fire Preparedness		
	Wildland Fire Preparedness	92100	92100
	Preparedness	92120	92120P
	Program Management	92121	
	Readiness	92122	

Interagency Fair Share	92130	92130P
Program Management	92131	
National Programs	92140	92140P
Program Management	92141	
Fire – Construction in Progress (CIP)	92150	92150R

2. Emergency Operations

Emergency Suppression	92300	92300
Suppression	92310	92310R
Emergency Stabilization	92320	92320
Severity	92350	92350R

3. Hazardous Fuels Reduction – Non-WUI

Hazard Fuels Reduction – Non-WUI	92600	92600R
Hazard Fuels Reduction – Fire Use	92630	92630R
Hazard Fuels Reduction – Mechanical	92640	92640R

4. Burned Area Rehabilitation

Burned Area Rehabilitation	92B00	92B00R
Rehabilitation	92B20	92B20R

5. Rural Fire Assistance

Rural Fire Assistance	92R00	92R00R

6. Hazardous Fuels Reduction – WUI

Wildland Urban Interface	92W00	92W00R

The sub-activity, Fire – Construction in Progress (92150R), requires approval by the BIA Fire Management Office at NIFC. The job code is mandatory as it tracks costs for approved projects. All sub-activities, with the exception of Operations (92310R), require funding approval by the BIA Fire Management Office at NIFC. Job codes are mandatory as they track costs for approved projects within these sub-activities. These are noted above with an "R" after the program code. The sub-activity, Severity (92350R) will be considered on an interagency basis.

21.4.3 National Park Service (NPS)

The NPS wildland fire management cost coding is divided into seven (7) activities and twenty-five (25) sub-activities:

1.	Wildland Fire Preparedness	8500
	Readiness	P11
	Facilities, Construction, and Maintenance	P12
	Research and Technology	P13
	Fire Plans	P14
2.	Fire Suppression Operations	8530
	Suppression	E11
	Fire Use	E12
	Emergency Stabilization	E13
3.	Burned Area Rehabilitation	8540
	Burned Area Rehabilitation	B11
	Burned Area Monitoring	B14
4.	Hazardous Fuels Reduction – Non-WUI	8550
	Fuels Management	H11
	Hazardous Fuels Projects – Prescribed Fire	H12
	Hazardous Fuels Compliance	H13
	Fire Effects	H14
	Hazardous Fuels Projects – Mechanical	H22
	Hazardous Fuels Projects – Other	H32
5.	Wildland Urban Interface	8560
	Wildland Urban Interface Management	W11
	Wildland Urban Interface Projects – Prescribed Fire	W12
	Wildland Urban Interface Compliance	W13
	Wildland Urban Interface Monitoring	W14
	Wildland Urban Interface Project – Mechanical	W22
	Wildland Urban Interface Projects – Other	W32
6.	Rural Fire Assistance	8570
	Rural Fire Assistance	R11
7.	Fire Protection Assistance	8520
	National Income Account	F11
	Expenditure Account – Preparedness	F12
	Expenditure Account – Operations	F13

The interagency FireCode Program will be used to generate a four (4) character project code for fire suppression activity.

21.4.4 Fish and Wildlife Service (FWS)

The FWS wildland fire management cost coding is divided into seven (7) activities:

1.	Wildfire Fire Preparedness	9131
2.	Suppression Operations	9141
3.	Emergency Stabilization	9142
4.	Burned Area Rehabilitation 9262	
5.	Hazardous Fuels Reduction Operations	9263
6.	Wildland Urban Interface Projects	9264
7.	Rural Fire Assistance	9265

All cost codes require a five-digit organization code. The interagency FireCode will be used with the 9141 sub-activity. The use of 9262, 9263, 9264, and 9265 sub-activities requires a project number.

21.4.5 Forest Service (FS)

The FS wildland fire management cost coding falls under seven (7) activities. The interagency FireCode Program will be used to generate a four (4) character code that will be used to track and compile costs. NIFC will add the appropriate preceding two (2) characters and input into the financial system.

1. "P" codes represent wildland fires.

2. "G" codes represent wildland fire use for resource benefits.

3. "B" codes represent base time for preparedness funded resources that support the suppression.

4. "T" codes represent prescribed fires.

5. "S" codes represent severity requests. Four (4) national standard codes have been established to track interagency severity assists. "S" codes have been established in each region to represent all other severity authorizations.

6. "F" codes indicate FEMA supported incidents. An "F" code will be assigned by the Forest Service Regional Office that is within the affected FEMA Region. All units providing support will use the "F" code assigned for all charges by the ordering office. Under the Federal Response Plan (FRP), overtime, travel, and per diem are reimbursable. Base salary costs are not reimbursed in most cases. (See Chapter 10, Section 12.1.1.)

7. “R” codes are not to be used on resource orders. They are used only for billing purposes with the Forest Service.

22 Overhead/Crews

Personnel must be requested by the description found in the NWCG Fireline Handbook (PMS 410-1) and the Wildland and Prescribed Fire Qualification Subsystem Guide (PMS 310-1). All requests will be in one of these categories:

C = Organized Crews
O = Overhead
IA = Initial Attack Smokejumpers

22.1 Overhead Mobilization

Units filling requests for personnel are responsible for ensuring **ALL** performance criteria are met. Trainees can only be sent after approval by the receiving unit via established ordering channels. The sending unit must designate a Chief-of-Party/Flight Manager (for Chief-of-Party/Flight Manager responsibilities, see Chapter 60, Section 67) when two (2) or more personnel travel together to the same incident via non-commercial air transport.

NICC will not accept requests for clerical, driver, or laborer positions. It is not cost effective to hire and transport such personnel when they are normally available from local sources.

Name requests for suppression orders should be rare and will only be accepted for highly specialized positions or to meet specific agency objectives. The ordering unit must confirm availability for the individual being requested prior to placing the request. All name requests not filled by the sending unit will be returned to the requesting unit by NICC as UTF.

Name requests charged to budgeted funds (non-suppression funds) are acceptable and will be processed without delay. Severity requests often involve strategic movement of resources from areas with lower fire potential. In these cases, name requests are appropriate and are typically directed by agency managers
Unless specified “agency only”, ADs and private contractors will be accepted.

22.2 Overhead Demobilization

Emphasis will be placed on having personnel home no later than 2200 hours local time during demobilization. Occasionally, the availability of large transport aircraft will dictate timeframes during demobilization.

22.3 Crews

Crews will be ordered by type. Four (4) types exist for national or interagency assignments. They are Type 1, Type 2, Type 2 with initial attack capability, and

Type 3. Refer to Chapter 60, Section 62.2 for minimum crew standards for national mobilization.

When mobilizing crews within local and Geographic Areas, National Contract Crews may be ordered after agency and agency cooperator resources are mobilized, but before Emergency Equipment Rental Agreement (EERA) resources. Each Host Unit Dispatch Center (HUDC) must give dispatch preference to their assigned National Contract Crew resources over EERA resources. These procedures can be waived in initial attack situations in order to dispatch the closest forces, assuming the National Contract Crews cannot meet requested date/time. Geographic Areas should utilize internal crew capability (agency, cooperator, National Contract, and EERA) prior to requesting crews from another Geographic Area. National Contract Crews will not be factored into HUDC or GACC drawdown levels, held in reserve or for contingency, unless they are in paid, standby status. All HUDCs will report status to GACCs on a daily basis.

Type 1 Crews:

Crews meet or exceed standards in the 410-1 Fireline Handbook. Interagency Hotshot Crews (IHC) are a Type 1 Crew that exceeds the Type 1 standards as set forth in the 410-1 Fireline Handbook. IHCs require appropriate agency or State sponsorship and recommendation by their respective Geographic Area Coordinating Group for inclusion into the National Interagency Mobilization Guide. NICC will maintain a current roster of IHCs, but will not recognize internal Geographic Area rotations of these crews. NICC will mobilize all crews based primarily upon timeliness and cost effectiveness.

Type 1 Crews attempting to transport chain saws on other than NIFC contract jets should always be prepared to ship their chain saws via an alternative method should loading be refused. Type 1 Crews normally come equipped with hand tools. There may be occasions when Type 1 Crews transported by air do not arrive with hand tools. If tools are needed, they should be ordered separately as supply items.

When Type 1 Crews are transported by aircraft, the receiving unit should be prepared to provide the following:

A. Crew transportation.
B. Vehicle to transport saws, fuel, and hand tools separate from crew transportation.
C. Fire equipment (minimum two (2) cases of fuses).
D. Chain saws (four (4) kits).
E. Saw fuel (ten (10) gallons, unmixed).
F. Bar oil (five (5) gallons).

Type 2 and 3 Crews:

Type 2 Crews will be ordered as T2 or T2IA. T2IA Crews can be split into squads to conduct initial attack, fireline construction, and firing operations.

Type 2 and 3 Crews ordered through NICC **DO NOT** come with hand tools when transported by air. If tools are needed, they should be ordered separately as supply items.

Units sending Type 2 and 3 Crews will determine the ratio of crews to Crew Representatives (CREP) needed for a given assignment. Depending on the assignment, ratios of 1:1 to 1:4 may be appropriate. CREPs are assigned, among other things, to redeem authorities that AD employees cannot legally perform. They also have the responsibility to inform the sending dispatch organization of personnel injuries or emergencies. [These responsibilities can be met by an Interagency Resource Representative (IARR) as well.] CREPs assigned to Type 2 and 3 Crews will remain with their crew(s) from dispatch until released at their home unit. CREPs are not required for agency regular crews.

All equipment will be inspected and weighed at time of mobilization to ensure adherence to safe transportation procedures.

All crew personnel mobilized and demobilized outside the local unit through NICC will be identified on a Manifest Form. Crew Supervisors or CREPs will maintain a minimum of four (4) accurate copies of this form at all times. Crew weights will be separate from baggage and equipment weights on manifests. The Crew Supervisor or CREP will ensure compliance with weight limitations. (See Chapter 10, Section 13.8.)

Anytime a Geographic Area or State has committed four (4) or more crews, IARRs can be sent by the sending unit or the receiving unit can request them. It is the responsibility of the IARRs' sending GACC to mobilize, demobilize, and ensure proper notification to the receiving GACC. IARRs mobilized to incident assignments away from their home unit should have the ability to be fiscally self-sufficient. If the resource is not self-sufficient, the receiving unit must be notified in advance so they can be prepared to support them.

Standard crew size is twenty (20) people maximum and eighteen (18) people minimum (including Crew Boss, Crew Representatives, and trainees).

22.4 Smokejumpers

For booster or pre-positioning requests, smokejumpers are ordered individually using "O" requests and may be ordered by specific delivery system (round or square parachutes). When smokejumpers are needed jump-ready for initial attack with aircraft, the request type is "IA Load" on an Overhead order or Initial Attack Smokejumper Request Form. IA (initial attack) requests are not delivery system specific. As soon as the load is confirmed, the sending unit will forward a manifest through established ordering channels to the receiving unit. IA smokejumpers will be tracked through demobilization using the manifest provided. The following information will be included when filling orders: the three (3) letter airport identifier of the "hiring" home base, last name, first name, and demobilization point. Example: BOI – Drazinski, Jerome. Dispatch offices processing smokejumper requests will keep those requests open through demobilization.

Smokejumpers held as boosters after release from the first IA assignment will be placed on an Overhead order using individual "O" requests. Smokejumpers recovered and mobilized to another assignment, internally or across Geographic Area boundaries, will also be placed on an Overhead order.

Aircraft delivering IA smokejumpers will return to the sending base or a designated airport before the end of the pilot's daily flight or duty limitations. Any intent or necessity to retain the aircraft will be negotiated with NICC and the sending GACC. If the aircraft is retained past the first operational period, it will be placed on an Aircraft request through established ordering channels.

Smokejumpers are National Resources. Their primary mission is initial attack. Concurrence with NICC must be obtained prior to configuring them as a crew or for use in extended attack. Smokejumpers that have been trained and assembled from the same base may be assigned as Type 1 Smokejumper Crews. NICC must be notified when 50% of the smokejumpers have been mobilized internally by the Geographic Area. Geographic Areas will inform NICC prior to the establishment of spike bases.

The following will be automatically included as standard items for each reinforcement smokejumper:

A. Two (2) main parachutes (BLM or FS).
B. Rigging kit (for booster load).
C. Smokejumper gear.
D. Firefighting gear.

When a booster load of smokejumpers is ordered to a base managed by a different agency, a spotter must be ordered to accompany the load, unless a spotter from the sending agency is already on site at the requesting base.

Any additional requirements or equipment should be requested at the time of ordering. Booster smokejumpers **DO NOT** come with smokejumper aircraft. Aircraft must be ordered separately if needed.

22.5 Helicopter Module

Call-When-Needed (CWN) helicopters will be managed by qualified managers and/or modules. (Managers must be qualified as a Helicopter Manager, Call When Needed (HCWN).

TYPE 1 LIMITED:	Manager only
TYPE 1 STANDARD:	Manager and four (4) crewmembers
TYPE 2 STANDARD:	Manager and three (3) crewmembers
TYPE 2 LIMITED:	Manager only
TYPE 3 & 4:	Manager and two (2) crewmembers

Units requesting modules will do so using an Overhead (O) request for each position. Module requests should be coordinated with anticipated helicopter delivery.

Ordering a module for a CWN helicopter is not automatic. Ordering offices should attempt to fill internally first.

If the intended use is for initial attack, the HCWN request must specify a fitness level of arduous. Any other qualification requirements (ICT4, etc.) must also be specified.

If CWN personnel/modules are required to arrive with special needed items (flight helmets, radios, etc.), it must be specified at the time of request.

22.6 Communications Coordinator

A Communications Coordinator must be assigned when a second 4390 Starter System is assigned to any incident within a one hundred (100) mile radius of the first assigned 4390 Starter System.

It is important that this position be ordered as early as possible to alleviate the possibility of frequency conflicts during multi-incident situations.

A Communications Coordinator shall manage the allocation of communication resources including the assignment of frequencies to individual incidents involved in the multi-incident complex.

22.7 Incident Meteorologist (IMET)

When an Incident Meteorologists (IMET) is requested for an incident, the request will be filled locally the the National Weather Service (NWS) Forecast Office within their local fire weather district or placed up to the Geographic Area Coordination Center (GACC) Geographic Area procedures

When the NWS Forecast Office is unable to provide an incident meteorologist (IMET) located within their local fire weather district, the Geographic Area Coordination Center will notify the NWS Staff Meteorologist in Boise (Larry Van Bussum: office 208-334-9862 or cell 208-863-2582).

The NWS Staff Meteorologist will identify an IMET available for assignment. If the IMET assigned is within the requesting Geographic Area, they will be mobilized internally according to established procedures. If the IMET is located in another Area, a name request will be placed up to NICC.

IMETs will be statused in ROSS. Status will be maintained by the GACC or local dispatch office according to established Geographic Area procedures.

When the NWS cannot provide transportation, the sending/receiving dispatch office is responsible for arranging transportation for NWS personnel and equipment to and from incidents.

Whenever a Geographic Area mobilizes a National Type 1 Incident Management Team, the Area will provide or order an IMET who will be assigned to the team. Certain situations could develop where an IMET is not needed for each incident, such as when two (2) or more incidents are in close proximity to each other. In these cases, one (1) or more IMETs could be shared by the incidents. Incident Commanders must ensure sufficient weather information is available to ensure safety and minimize the risk to incident personnel.

22.8 Cache Support Positions

These positions are available to assist fire caches during periods of high activity or when shortages of locally trained personnel hinder cache operations.

22.9 Incident Management Teams

Teams will be ordered by type. Two (2) types exist for national or interagency assignments. They are National Type 1 Interagency Management Teams and Type 2 Geographic Area Teams. National Type 1 Teams will be mobilized according to the National Call-Out Procedures and Rotation. Type 2 Teams will be mobilized by specific Geographic Area policy. Type 2 Teams requested through NICC will be configured according to Chapter 60, Section 68.2.

The primary mission of these teams is for wild fire incident management. Non-wildland fire incident management assignments on federal wildland agency managed lands may occur under the following guidelines:

A. Planned events should be managed internally by the respective agency.

B. Base eight salary (except when supporting FEMA), overtime, travel, and per diem will be paid by the receiving agency.

C. The planned length of assignment should not exceed fourteen (14) days without negotiated approval.

Federal Emergency Management Agency (FEMA) mobilization under the Federal Response Plan (FRP) will be accomplished using the National Call-Out Procedures. (See Chapter 10, Section 12.1.1 for further guidance on FRP Procedures.)

National Type 1 Team Rotation Procedures

A. National Type 1 Teams remain on call for a maximum of seven (7) days.

B. At the time (clock hour and day of the week) a team from the national rotation is mobilized, the next Geographic Area in rotation will be notified and placed in two (2) hour call status and will remain in call status for the next seven (7) days. The next two (2) Geographic Areas in rotation will also be notified of the schedule change. Geographic Areas unable to provide a team for a national assignment will not be considered until the Area comes into the third position again.

C. Geographic Areas with more than one (1) team may decide which "eligible" team responds to a national call. Geographic Areas must pass if no "eligible" team can meet the two-hour call.

D. Teams will be considered "ineligible" for national assignment if the primary Incident Commander is unavailable or it is necessary to have more than two (2) substitutes to fill Command/General Staff positions. The Deputy Incident Commander may be allowed to take the team with GMAC approval.

E. Once a team has actually been committed to an incident, either internally or nationally, it will remain ineligible for national assignment until all teams have had an assignment. Once all teams have had an assignment, the rotation will begin the second round following the same procedures applied in Round One.

F. Teams that are mobilized but do not actually receive an incident or staging assignment within 48 hours will remain eligible for national assignments in the current round of the national rotation.

G. All assignments, both within an Area and nationally, count as experience.

H. Areas having two (2) or more teams may commit two (2) teams internally at the same time prior to going to the national rotation.

I. Once a team (from the national rotation) is staged, the Geographic Area can commit that team to any fire in the Area. If NICC receives another request, the first team from the national rotation will be mobilized.

J. The Geographic Area will coordinate with NICC before reassigning an out-of-area team to another incident.

K. The NMAC retains the authority to adjust the national rotation when necessary to achieve team experience objectives or for other reasons. During National Preparedness Level 4 and 5, the NMAC will manage all team assignments.

L. Geographic Areas with only one (1) team may stand the team down for rest after coordination with NICC.

22.9.1 National Area Command Teams

Four (4) National Area Command Teams are available. Teams include six (6) positions:

1. Area Commander.
2. Assistant Area Commander, Planning.
3. Assistant Area Commander, Logistics.
4. Area Command Aviation Coordinator.
5. Two trainee positions.

Teams will be requested through established ordering channels to NICC.

National Area Command Team Rotation Procedures:

A. Teams will be considered "ineligible" for assignment if the Area Commander or two (2) team members are not available.

B. Teams will remain on call for two (2) week periods.

C. Teams that receive an assignment will be out of the national rotation until all teams have had an assignment.

D. At the time a team is mobilized, the next team in the national rotation will be notified and placed in the "on call" position for the next two (2) weeks. NICC will notify the GACCs of the "on call" team. GACCs will confirm the availability of team members.

22.9.2 National Park Service All-Risk Incident Management Team

The National Park Service (NPS) has one (1) National All-Risk Incident Management Team available. The primary mission of this team is to manage planned and unplanned non-wildland fire incidents on an interagency basis. This team is mobilized through established ordering channels. (See Chapter 60, Section 69.5.)

22.9.3 Interagency Fire Use Management Teams (FUMT)

The primary mission and priority of these teams is to provide managers with skilled and mobile personnel to assist with the management of Wildland Fire Use (WFU) and prescribed fires. Each FUMT offers the full range of appropriate management responses to wildland fire occurrence and large complex prescribed fire applications. FUMTs consist of the following positions:

A.	Incident Commander, Type 2	(ICT2)
B.	Safety Officer, Type 2	(SOF2)
C.	Information Officer, Type 2	(IOF2)
D.	Operations Section Chief, Type 2	(OSC2)
E.	Planning Section Chief, Type 2	(PSC2)
F.	Long Term Fire Behavior Analyst	(LTAN)
G.	Logistics Section Chief, Type 2	(LSC2)
H.	(Three positions TBD after discussion with ordering unit)	

FUMTs will be ordered through established ordering channels. (See Chapter 60, Section 69.6.)

22.9.4 Interagency Fire Use Modules

The primary mission and priority of the modules is to provide skilled and mobile personnel to assist with WFU in the areas of planning, fire behavior monitoring, ignition, and holding. Secondary priorities follow in the order below:

A. Support burn unit preparation.
B. Assist with fire effects plot work.
C. Support mechanical hazardous fuel reduction projects.

As an interagency resource, the modules are available nationally throughout the fire season. Each module is comprised of a Module Leader, Assistant Leader, and three (3) to eight (8) module members. (See the Fire Use Module Operation Guide for specifics.) Modules are mobilized and demobilized through established ordering channels. (See Chapter 60, Section 69.7.)

22.9.5 Critical Incident Stress Debriefing Teams

Stress debriefing personnel and teams are usually provided internally or through locally contracted services. The National Park Service (NPS) has two (2) Critical Incident Stress Debriefing Teams available for interagency use. Which are ordered through established ordering channels to NICC.

22.9.6 Administrative Payment Teams (APTs)

National Park Service Teams can make a full range of vendor payments. APTs (Administrative Payment Team) consist of the following positions:

A. Team Leader.
B. Contracting Officer.
C. Imprest Cashier.
D. Two Administrative Assistants.

Actual team composition will be determined by the Team Leader and the incident unit's administrative staff at the time of dispatch. These teams will be ordered by the established rotation list. (See Chapter 60, Section 69.2.)

Bureau of Indian Affairs APTs have the authority to make payments to AD hire emergency workers hired under the Emergency Pay Plan and to vendors as authorized in the interest of efficiency and economy of field operations during emergency incidents, burned area emergency response, and hazardous fuel reduction.

Emergency incidents include pre-disaster, declared major disasters, and emergencies related to the safeguarding of lives and property from floods, fires, and other causes in cooperation with tribal, local, State, and Federal Governments.

There are two (2) types of APTs:

Type 1:

A. Assistant Disbursing Officer.
B. Certifying Officer.
C. One (1) or more Support Staff Members.
D. Contracting Officer (Optional).

Type 1 Teams are authorized to make payments related to wages of AD hired persons and to vendors on emergency incidents by:

A. Providing relief to small vendors not covered under a Pre-Season Agreement. This could include use of their personally owned equipment, such as motor vehicles and chain saws.

B. Providing relief to an Agency Administrative Unit that is over extended. This could include payment of invoices on routine Blanket Purchase Agreements (BPAs) for emergency services, i.e., buses, heavy equipment, and supplies.

Type 2:

A. Assistant Disbursing Officer.
B. Certifying Officer.
C. One (1) or more Support Staff Members.

Type 2 Teams are only authorized to make payments related to wages of AD hired persons under the Emergency Pay Plan.

Team composition will be determined by the Team Leader. It is the responsibility of the Team Leader to ensure availability of all team members. These teams will be ordered by name request.

22.9.7 Buying Teams

Buying Teams support the wildland fire procurement effort through the local administrative staff and are authorized to procure a wide range of services, supplies, land, and equipment rentals. In addition, the Buying Team Leader has the responsibility for coordinating property accountability with the Supply Unit Leader.

There are designated Buying Teams available for national mobilization. These teams are requested only after all available within-area teams have been utilized and are mobilized according to National Call-Out Procedures. (See Chapter 60, Section 69.3.)

Buying Teams consist of seven (7) positions:

A. Three (3) Qualified Procurement Personnel.
B. Three (3) Personnel Support Positions.
C. One (1) Procurement or Leader Trainee.

Each team shall have at least one (1) Contracting Officer with a minimum of $100,000 warrant authority. Support personnel from the incident unit may be used. (For additional information, refer to the Interagency Incident Business Management Handbook, NFES #2160, Chapter 20 and Chapter 40.)

22.9.8 Burned Area Emergency Response (BAER) Teams – DOI

The Burned Area Emergency Response (BAER) Program is an integral part of wild fire incidents. Each wildland fire management agency is responsible for taking prompt and effective action in emergency stabilization and rehabilitation of fire-impacted lands for the protection of life, property, and other critical cultural and natural resources. The FS, BIA, and BLM currently have established local, regional, or State BAER Teams. Ordering agencies should determine the complexity of the fire situation and utilize local and regional teams when appropriate.

There are two (2) National Interagency DOI BAER Teams. These teams are mobilized when the values at risk are considerable from potential floods, mud and debris flows; where the resource issues are complex; and multiple jurisdictions are involved. Less complex situations should use regional/State Ad Hoc BAER Teams or resources from other agencies/regions. During National Preparedness Levels 1 through 3, the ordering unit will coordinate directly with the appropriate National BAER Team Leader. During National Preparedness Levels 4 and 5, the National BAER Team assignments will be coordinated through the NMAC.

BAER Teams are comprised of personnel with expertise in forestry, soils/geology, hydrology, wildlife biology, archeology/cultural, and vegetation types. The focus is immediate action to prevent soil, water, and ecosystem resource damage and ensuring all environmental and legal mandates are met. All team members are fireline qualified and respond with personal protective equipment (PPE). Teams consist of the following positions:

A. Team Leader
B. Operations Specialist
C. Forester
D. Vegetation Specialist

E. Hydrologist/Geologist Specialist
F. Soil Scientist
G. Wildlife Specialist
H. Archeologist/Cultural Resource Specialist
I. Environmental Protection Specialist
J. Computer/Documentation Specialist
K. Geographic Information Specialist

DOI BAER Teams may be mobilized to any wild fire incident where DOI or other federal lands are involved. Teams are mobilized through established ordering channels. (See Chapter 69.4.)

22.9.9 Wildland Fire Prevention and Education Teams

National Fire Prevention and Education Teams are effective in the reduction of unwanted human-caused wildland ignitions, particularly when wildland fire severity conditions are imminent and when an area anticipates unusually high fire danger due to human activities, weather conditions, or hazardous fuels. Working with local agencies and resources, these teams are equipped to complete on-site prevention assessments and plans, initiate the implementation of these plans, and begin immediate public outreach and information dissemination. They can be ordered to support a variety of situations affecting large or small geographic areas.

These teams normally consist of the following positions:

A. PETL - Fire Prevention Education Team Leader.
B. PETM - Fire Prevention Education Team Member
C. THSP – Public Affairs or IOF Information Officer, Type 1 or 2

Additional positions that can be utilized include:
*PETL (T) –Fire Prevention Education Team, Leader Trainee
*PREV – Fire Prevention Technician

Team composition is determined on a case-by-case basis to meet the needs of the assignment. Mobilization of these teams will be coordinated through NICC.

22.9.10 Wildland Fire and Aviation Safety Teams (FAST)

Fire and Aviation Safety Teams (FASTs) assist Agency Administrators during periods of high fire activity by assessing policy, rules, regulations, and management oversight relating to operational issues. They can also do the following:

A. Provide guidance to ensure fire and aviation programs are conducted safely.

B. Review compliance with OSHA (Occupational Safety and Health Administration) abatement plans, reports, reviews, and evaluations.

C. Review compliance with Interagency Standards for Fire and Aviation Operations.

FASTs can be requested through GACCs to conduct reviews at the State, regional, and local level. If a more comprehensive review is required, a National FAST can be ordered through NICC.

FASTs include a Team Leader, who is either an Agency Administrator or Fire Program Lead with previous experience as a FAST member; a Safety and Health Manager; and other members with a mix of skills from Fire and Aviation Management.

FASTs will be chartered by their respective GMAC, with a delegation of authority, and report back to the GMAC.

The team's report includes an executive summary, purpose, objectives, methods and procedures, findings, recommendations, follow-up actions (immediate, long-term, and national issues), and a letter delegating authority for the review. As follow-up, the team will gather and review all reports prior to the end of the calendar year to ensure identified corrective actions have been taken. FAST reports should be submitted to the Geographic Area, with a copy to the Federal Fire and Aviation Safety Team (FFAST) within thirty (30) days.

22.9.11 Aviation Safety Assistance Team (ASAT)

Aviation Safety Assistance Teams (ASAT) enhance safety, efficiency, and effectiveness of Aviation operations. ASATs provide assistance to unit and Aviation Managers, flight crews, and Incident Management Teams for increasing ongoing or declining incident aviation activity.

If a team cannot be filled internally, the request will be placed with NICC through established ordering channels. The following configuration will be used when ordering an ASAT:

A. THSP – Safety Specialist.
B. THSP – Helicopter Specialist.
C. THSP – Fixed Wing Specialist.

D. THSP – Aviation Manager Inspector
E. THSP – ASAT Trainee as identified by Team Leader.

Teams require twenty-four (24) hours for mobilization.

ASATs receive an assignment briefing with management concerns and/or issues identified in a letter delegating authority, which establishes the roles of the team and its expectations. The teams will provide daily feedback to the person(s) identified in the delegation of authority. Teams will conduct an exit briefing and will provide a written report prior to demobilization.

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23 Equipment/Supplies

All Equipment and Supply Orders will follow established ordering procedures, except for the redistribution of supplies within the National Fire Equipment System (NFES). Redistribution of excess supply items will be coordinated by the designated NFES Cache Manager(s). Cache orders will be filled to meet timeframes specified, using the most economical service. All NFES cache items are shipped ready for fireline use.

23.1 Equipment/Supplies Mobilization

Equipment will be requested on an Equipment Order. All resource information, including travel, will be relayed electronically through ROSS.

Examples of Equipment resources are:

A. National Contract Mobile Food Services (Caterers).
B. National Contract Mobile Shower Facilities.
C. National Contract Mobile Commissary Services.
D. Rolling Stock – engines, water tenders, dozers, etc.

Supplies will be requested on a Supply Order. Supplies are identified as materials or goods not defined in any other resource or service category.

Examples of Supplies resources are:

A. NFES systems or kits.
B. Mobile Cache Vans.
C. Telecommunications items.
D. Fire or Project Remote Weather Stations.
E. ATMU.
F. Local Purchase.

23.2 Equipment/Supplies Demobilization

Equipment and supply release information must be promptly relayed using with a ROSS itinerary or Shipping Status Form.

23.3 National Interagency Support Cache Ordering Procedures

A. Orders from caches to supplier (including GSA – General Services Administration) for procurement of non-expendable/capitalized supplies (i.e., pumps, saws, generators, high cost reusable items) in support of incidents must be coordinated through the NFES Representative at NIFC.

B. Other large replacement supply orders will be coordinated by the NFES Representative at NIFC to avoid overstocking the system.

C. Orders for cache restock and incident support will be placed directly between National Interagency Support Caches until the National Interagency Supply Cache Coordinator (NISCC) position is activated at NICC.

D. When the NISCC is activated at NICC, all cache restock and incident support orders from National Interagency Support Caches will be placed with NICC. Based on national priorities, the NISCC will forward requests to the appropriate National Interagency Support Cache(s) for processing. The Resource Order Form will be used when ordering supplies through the NISCC at NICC. Travel information will be relayed using the Shipping Status Form.

23.3.1 NFES Items in Short Supply

A. NICC, in cooperation with NFES, will advise all fire and cooperating agencies of those items determined critical and in short supply.

B. Identified items will be ordered through established ordering channels and will be coordinated through the NFES Representative at NIFC.

23.3.2 Field Office Replenishment During Fire Season

Agencies will place orders to their servicing National Interagency Support Cache. Replenishment orders must be the result of fire management activities and must be accompanied with the appropriate cost code.

23.3.3 Field Office Replenishment Outside of Fire Season

Whenever possible, field offices must order directly from GSA for those items stocked in the Federal Supply System.

All other items will be ordered directly from suppliers unless individual agency instructions prevail.

23.3.4 Incident Replacement of NFES Items

Prior to release from an incident, personnel may request replacement of equipment and supplies that were lost, consumed, or worn out during the incident.

Incident Management Teams will approve all requests for replacement of equipment and supplies. If the requested equipment and supplies are not available at the incident, the Supply Unit Leader may forward requests to

their servicing cache through established ordering channels. Replacement items will be shipped to the Supply Unit at the incident. If there is insufficient time for the Supply Unit to obtain replacement requests before demobilization of the resource, an Incident Replacement Requisition (NFES #1300) will be completed and forwarded to the servicing cache, who will then forward it to the requesting unit's servicing cache for processing. Replacement items will be filled and shipped to the requestor's home unit.

23.3.5 Incident Replacement: Type 3 and Type 4 Incidents

The hosting units' Agency Administrator or authorized representative must approve all replacement requests. Follow procedures for incident replacement, Chapter 23.3.4.

23.3.6 Incident to Incident Transfer of Equipment and Supplies

Transfer of equipment and supplies between incidents, including those operating under Area Command authority, may occur only with proper documentation so accountability is maintained. Transfer of communications equipment creates safety concerns by increasing the risk of frequency conflict and the possibility of damaged or untuned equipment being utilized. This may only be done with approval of the NIRSC Communications Duty Officer (CDO).

23.4 National Incident Radio Support Cache (NIRSC)

NIRSC is a National Resource composed of multi-channel radio systems and kits available for complex incident communications. The priority use of NIRSC radio systems and kits is for active incidents. All radio systems and kits must be returned to NIRSC as soon as the incident has demobilized. A National Communications Duty Officer (CDO) is available at NIRSC throughout the year. Geographic Area Frequency Managers, Communication Coordinators (COMC), and Incident Communication Unit Leaders (COML) will coordinate with NICC, the Geographic Area, and the NIRSC CDO on all telecommunication issues.

NIRSC stocks NFES #4390 Starter Systems, which will provide the Command/Tactical, Air Operations, and Logistical communications requirements of a single incident. Individual kits are available to supplement Starter Systems or to provide support for smaller incidents.

NIRSC radios are synthesized and contain both FS and DOI frequencies. FS and DOI frequencies are not "cleared" nationally. Other agencies use these frequencies and, in some cases, in very critical and sensitive areas. All frequencies must be approved for the areas where they will be used. Any of the

national frequencies (FS or DOI) are not to be used without prior coordination with the NIRSC CDO.

NIRSC issues dedicated FM frequencies in conjunction with communication equipment assigned to incidents. NIRSC will order additional FM frequencies from DOI and FS – WO as conditions warrant. Government users may not use Family Radio Service (FRS) for communications in any planned or ongoing incident.

23.4.1 Radio Mobilization

NIRSC radio systems and kits will be requested on a Supply Order through established ordering channels to NICC. **To insure proper frequency coordination, the ordering office must include the Latitude and Longitude of the incident on the resource order.** Radios will be used as received without modification. Defective radio equipment will be immediately returned to NIRSC for maintenance. To maintain quality and quantity for the field, each Starter System or kit will be returned to NIRSC for rehabilitation immediately after each assignment. The incident or unit charged with custody of the radio equipment is responsible for a complete inventory of that equipment upon return from the incident.

Each Geographic Area may order up to two (2) Starter Systems for preposition during their established fire season. When a prepositioned Starter System or kit is assigned to an incident, the responsible GACC must transfer the request to a "new" incident order and request number. Notification of this incident assignment must be relayed to NICC within fifteen (15) minutes of commitment. NICC will transfer the Starter System to the new incident resource order and request number, and permanently close out the original preposition request number. A replacement Starter System may be requested after commitment of a prepositioned Starter System.

Typically, Starter Systems should remain intact. However, individual kits may be utilized for smaller incidents that do not require the entire Starter System. GACCs will notify NICC of the commitment of individual kits from a Starter System and will reorder kits needed to complete the prepositioned Starter System. Any kit committed or assigned to an incident that was originally prepositioned to a Geographic Area must follow the same transfer process as outlined above.

Prepositioned radio systems and kits will be returned to NIRSC as soon as the need has diminished or annually for preventative maintenance. Prepositioning NIRSC radio systems and kits longer than six (6) months requires NIRSC approval.

23.4.2 Radio Demobilization

All NIRSC radio systems and kits should be inventoried, sealed, and returned promptly to NIRSC/NIFC. DO NOT STOCKPILE KITS. Spare seals are supplied in each box. Incidents are responsible for ensuring all radio systems or kits are returned or accounted for on a Property Loss Statement.

23.5 Atmospheric Theodolite Meteorological Unit (ATMU)) NFES #1836

ATMUs will be requested on a Supply Order through established ordering channels. Mobilization of ATMUs is not automatic. They will be mobilized only upon request from the Incident Meteorologist (IMET). Geographic Areas unable to fill ATMU requests internally will place requests with NICC. NICC coordinates filling the request with the National Weather Service (NWS) at Boise. ATMUs are National Resources. At National Preparedness Levels 4 and 5, all requests for ATMUs will be processed through NICC.

23.6 Fire Remote Automatic Weather Stations, (FRAWS) NFES #5869

Requests for FRAWSs will be placed with NICC through established ordering channels on a Supply Order. Any necessary FRAWS technicians, vehicles, or air transportation required for mobilization and demobilization will be coordinated through NIFC. Upon release from the incident, the FRAWS will be returned to NIFC.

23.7 Project Remote Automatic Weather Stations, (PRAWS) NFES #5870

Requests for PRAWSs will be placed with NICC through established ordering channels on a Supply Order. The PRAWS will be configured for the specific project prior to the mobilization. The requesting agency must contact the NIFC Remote Sensing Fire Weather Support Office at (208) 387-5726 prior to ordering to determine the PRAWS configuration. Any necessary PRAWS technicians, vehicles, or air transportation required for mobilization and demobilization will be coordinated through NIFC. Upon release from the project, the PRAWS will be returned to NIFC.

23.8 National Contract Mobile Food Services, and National Contract Mobile Shower Facilities

National Contract Mobile Food Service Units

When the use of a National Contract Mobile Food Service Unit is needed for Federal wildland fire suppression activities in the western United States and Alaska, the Government is obligated to purchase such quantities as may be needed from the National Contract Mobile Food Service Contractor(s), any time,

(1) the number of people to be fed is at or above 150 persons per meal and (2) the headcount is estimated to remain at those numbers or greater for at least seventy-two (72) hours from when the headcount first reaches150 per meal, provided they can meet the incident's needs and required time frames. National Contract Mobile Food Service Contractors will be given the opportunity to provide three (3) meals per day unless other arrangements are mutually agreed to with the Contracting Officer Representative (COR). When the use of mobile food service is needed for other types of activities, the Government may use the National Contract Mobile Food Service Contractor(s) at its option and the contractor may elect to accept or not accept the order.

National Contract Mobil Shower Facilities Units

Any time contract mobile shower services are needed for Federal wildland fire incidents in the western United States and Alaska, the Government is obligated to purchase services from the National Contract Mobile Shower Facilities Contractor(s), provided that the contractor can reasonably meet the incident's needs and required time frames. When the use of a Mobile Shower Facility is needed for other types of incidents, the Government may use a National Contract Shower Facilities Contractor at its option, and the contractor may elect to perform or not perform the work.

23.8.1 National Contract Mobile Food Services and Shower Facilities Mobilization

All National Contract and CWN (Call When Needed) Mobile Food Service Units and Mobile Shower Facility Units in the lower 48 States are ordered through and mobilized by NICC. The National Contract Mobile Food Service Unit located in Alaska is ordered through and mobilized by the Alaska Interagency Coordination Center.

A. Mobile Food Service Unit requests require a completed Food Service Request Form at the time of request. (See Chapter 28.2.)

B. Shower Facilities requests require the approximate number of personnel to service and the estimated duration.

If an incident has a need for additional mobile food services or shower facilities units, the request will be sent through established ordering channels to NICC. NICC will determine and assign the appropriate units to all federal wildland fire incidents.

When necessary, as determined by the incident, a Contracting Officer's Technical Representative (COTR) may be ordered through the

appropriate Geographic Area. If the Geographic Area is unable to provide a COTR, the order will be placed through NICC. Once the unit is operating smoothly, the COTR may be demobilized from the incident through the appropriate dispatch channels.

23.8.2 National Contract Mobile Food Services and Shower Facilities Reassignments

All requests to reassign National Contract Mobile Food Services or Shower Facilities units will be placed through established ordering channels to NICC. All reassignments of National Contract Mobile Food Services and Shower Facilities units will be done by NICC.

23.8.3 National Contract Mobile Food Services and Shower Facilities Demobilization

All release information will be documented on the Resource Order and relayed to NICC within fifteen (15) minutes. Contractors may take twenty-four (24) hours to rest and replenish supplies within the local area after release. After 24 hours, contractors must return to the unit's designated dispatch point.

23.9 National Contract Mobile Commissary Services

When use of contract Commissary Services is needed for wildland fire activities in Forest Service Regions 1, 4, 5, and 6, the Government is obligated to purchase services from National Contract Mobile Commissary Services contractors when they are reasonably available. All agencies in other Forest Service Regions and all Geographic Areas may also utilize this contract. All requests for National Contract Mobile Commissary Services units will be ordered through NICC. For additional contract information, refer to the National Contract Mobile Commissary Services Contract publication or on the web at http://www.fs.fed.us/fire/contracting/commissary/commissary.htm.

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24 Aircraft

NICC is the sole source for large transport aircraft holding Federal Aviation Regulations (FAR) Part 121 Certificates and for Type 1 and 2 Call-When-Needed (CWN) Helicopters. (See Chapters 24.8 or 24.9.)

Cooperator aircraft (State contracted, State owned, State managed National Guard aircraft, county, city, or other) may be used on federal fires under the following conditions:

A. The pilot has been approved in writing for the aircraft and the mission by either the FS or the DOI's Aviation Management Directorate (AMD).

B. The aircraft has been approved in writing for the mission by either the FS or AMD.

C. There exists a written MOU (Memorandum of Understanding), Interagency Agreement, or other document that authorizes this use and payment for this use.

D. The cooperator aircraft will be operated within any limits on its use established in the written approval.

E. The cooperator aircraft will be used only in situations where federal aircraft are not reasonably available.

F. The cooperator aircraft will be released when federal aircraft become reasonably available.

G. Use of cooperator-owned aircraft prior to exhausting contracted resources must involve a "significant and imminent threat to life or property."

24.1 Aircraft Mobilization

When a Geographic Area has depleted local and available aircraft resources, request(s) will be placed with NICC. Aircraft assigned will become the receiving area's resource until released. The following terminology will be used when requesting aircraft through NICC:

A. Knots (kts) will be the standard term used to reference airspeed.

B. VORs (Very High Frequency Omni-directional Range) will be used to reference direction.

C. Latitude and longitude must be provided in degrees and minutes.

D. Aircraft registration numbers will be used when referencing helicopters, lead planes, and air attack aircraft. Air tankers are referenced by the air tanker number; e.g., T00.

The following selection factors will be used when ordering aircraft:

A. Airtankers: Loaded or empty (two (2) hour maximum flight when loaded, except for the P3A airtanker).

B. Timeliness.

C. Cost effectiveness.

D. Performance specifications for density altitude/high altitude operations.

E. Carded for local or interagency use.

F. Special applications such as special-use flights, tundra pads, floats, etc.

24.2 Aircraft Demobilization

Flight Following will be performed on all Government or exclusive use contract aircraft being demobilized. NICC will release charter and CWN aircraft to the vendor without flight following provided no Government personnel or cargo is on board.

24.3 Flight Management Procedures

Flight Following for non-tactical aircraft is the responsibility of the scheduling unit. Flight plans are available from the scheduling unit and will be transmitted to the receiving unit upon request. Any unit may request Flight Following assistance through established ordering channels. Any requests for NICC to provide Flight Following for any aircraft will follow the procedures for tactical aircraft below.

NICC will Flight Follow all aircraft crossing Geographic Area boundaries, which have been ordered through NICC, on:

A. Aircraft Orders.
B. Flight Requests.
C. IA Smokejumper Orders.

Flight Following may be accomplished using Automated Flight Following (AFF) (see Chapter 24.3.1). AFF is a web-based application that provides the flight

follower real time information regarding an aircraft's location, airspeed, current heading, current altitude, and the flight history.

Notification of the commitment of National Resources applies to non-tactical flights.

SENDING UNIT – The Sending Unit is the dispatch unit which sends the aircraft from the vendor or Government aviation unit.

RECEIVING UNIT – The Receiving Unit is the dispatch unit which is receiving the resource.

A. Responsibilities of the Sending Unit:

1. Obtain actual time of departure (ATD) and estimated time of arrival (ETA) from the initial departure airport from pilot/vendor.

2. Relay the ATD, ETA, and method of Flight Following (agency or AFF) to the Sending Unit's GACC via established ordering channels.

3. Notify the GACC of any rout changes, and of any delay or advances of a flight plan exceeding thirty (30) minutes.

4. Assist with search procedures for overdue aircraft. Utilize agency aircraft search/rescue guides, as appropriate.

5. On any flight requiring stops en route to a destination, instruct the Pilot-In-Command or Chief-of-Party (COP) to contact NICC at (800) 994-6312. Aircraft support vehicles should contact NICC at fuel stops.
(Chief-of-Party Responsibilities are located in Chapter 67)

B. Responsibilities of Sending GACC:

1. Sending GACC will relay the flight itinerary to NICC via telephone or fax machine.

2. Notify NICC of any route changes, and of any delay or advances of a flight plan exceeding thirty (30) minutes.

3. Assist with search procedures for overdue aircraft. Utilize agency aircraft search and rescue guides, as appropriate.

C. Responsibilities of NICC:

1. Relay flight itinerary to the receiving GACC by telephone or fax machine.

2. Notify receiving GACC of any route changes, and of any delay or advances of a flight plan exceeding thirty (30) minutes.

3. Resource track tactical aircraft to specified destinations.

4. Monitor flight plans for additional utilization.

D. Responsibilities of Receiving GACC:

1. Relay flight itinerary to the Receiving Unit by telephone.

2. Notify Receiving Unit of known delays/advances of a flight plan exceeding thirty (30) minutes.

3. Confirm arrival of all tactical aircraft to NICC by telephone; notify NICC of any aircraft overdue by more than thirty (30) minutes.

4. Assist with search procedures for overdue aircraft. Utilize agency aircraft search and rescue guides, as appropriate.

E. Responsibilities of Receiving Unit:

1. Confirm arrival of all tactical aircraft by telephone to Receiving GACC.

2. Notify Receiving GACC of any delays of a flight plan exceeding thirty (30) minutes; notify Receiving GACC of any aircraft overdue by more than thirty (30) minutes.

3. Initiate/assist with search procedures for overdue aircraft. Utilize agency aircraft search and rescue guides, as appropriate.

24.3.1 Automated Flight Following (AFF) Procedures

AFF is one type of agency Flight Following. AFF reduces pilot workload and provides the dispatch office with much greater detail and accuracy on aircraft location and flight history.

A. Requirements to Utilize AFF:

1. The aircraft must be equipped with the necessary hardware (transmitter and antenna).

2. The dispatch office responsible for the Flight Following must have a computer connected to the Internet.

3. Training: The Flight Following dispatcher must have a working knowledge of the AFF Program (Webtracker) and must have a current user name and password for the AFF System.

4. AFF does not reduce or eliminate the requirement for aircraft on mission flights to have FM radio capability and be monitoring appropriate radio frequencies during the flight.

B. Procedures for Utilizing AFF:

1. When AFF is requested, ensure AFF Program access is available and request standard flight information from the pilot/Chief-of-Party (COP).

2. The pilot will relay the flight itinerary, ETD, and ETA to the dispatch center.

3. If Flight Following will be handed off to another dispatch center en route, the center will brief the pilot/COP with updated frequencies, call signs, and other information, as needed.

4. The dispatch office will log on the AFF web site and verify that the aircraft icon is visible on the screen.

5. Once the aircraft is airborne, the Sending Unit will contact pilot to confirm initiation of AFF.

6. The dispatch office(s) responsible for Flight Following will monitor the computer at fifteen (15) minute intervals for the duration of the flight.

7. When the aircraft has completed the flight and landed, the pilot or passenger (observer, Chief-of-Party, ATGS, etc.) will contact the dispatch office to inform them that they are on the ground.

8. If the computer system stops working during AFF, continue Flight Following using manual methods.

C. Hand-Off Procedures for Dispatch Offices:

If a flight will cross "traditional dispatch boundaries" and the Flight Following will be handed off from one dispatch office to another, a positive hand-off must be made. This must be coordinated between the affected dispatch offices and the aircraft, preferably prior to takeoff, but may be done while airborne.

Additional information about AFF can be found at: http://aff.nifc.gov.

24.4 Airborne Thermal Infrared (IR) Fire Mapping

Infrared equipment and aircraft located at NIFC are National Resources. All requests for infrared flights will be placed with NICC through established ordering channels. All requests for infrared services or other types of IR technology will be on an Aircraft Order. An Infrared Aircraft Scanner Request Form (See Chapter 28.5) will be submitted for each request. A new Scanner Request Form must be completed and forwarded to NICC when scanning criteria or parameters change. NICC may assign these resources to a Geographic Area during lower Preparedness Levels. When assigned to or performing missions for a Geographic Area, the GACC will provide Flight Following. NICC will flight follow between Geographic Areas.

NICC will maintain the flight scheduling and priority setting for infrared aircraft when competition exists.

Flight crews, when assigned to a Geographic Area, will coordinate with the using agency's IR Liaison and IR Coordinator. The IR Coordinator will keep informed of mission priorities, flight times, etc. A qualified Infrared Interpreter (IRIN) must be confirmed or in place at the time of the infrared flight.

Users of Infrared Services should be familiar with the contents of the Infrared (IR) Thermal Mapping Operations Manual, available from the Infrared Operations Specialist at NIFC, (208) 387-5647.

The objectives of the Infrared Program are:

A. Primary: Provide infrared support and services to all agencies engaged in wildland fire activities.

B. Secondary: Provide infrared support for other resource projects as priorities, time, and capabilities allow.

24.5 Lead Planes

Lead Planes are National Resources. Areas administering these aircraft will make them available for wildland fire assignments when ordered by NICC, if not currently committed to fires. Requests for lead planes may be filled with an ASM1. (See Chapter 24.6)

24.6 Aerial Supervision Modules (ASM1)

The ASM1 is a fixed wing platform that utilizes two (2) crew members to perform the functions of traditional air attack and low-level lead operations. The ASM1 requires both crew members to be trained to work as a team, utilizing Crew Resource Management (CRM) skills and techniques to enhance safety, efficiency, and effectiveness. Aerial Supervision Modules are National Resources. Areas administering these aircraft will make them available for wildland fire assignments when ordered by NICC

24.7 Air Tactical and Reconnaissance Aircraft

Air attack and reconnaissance aircraft are on Aircraft Rental Agreements (ARAs) and Exclusive Use Contracts solicited and inspected by the AMD and other federal agencies. They are available for interagency use and will be requested through established ordering channels. The ordering office may request the aircraft with specific avionics equipment. (See Chapter 82.3.)

24.8 Large Transport Aircraft

Large transport aircraft are National Resources and will be requested through NICC.

A. Scheduling

Large transport and charter aircraft arranged by NICC are requested on a per mission basis. Flight Following ATD/ETE will be relayed by the NICC Aircraft Desk for each flight leg.

B. Requests for Large Transport

When requesting a large transport, the following information is required:

1. Number of passengers, cargo weight per destination, and combined total weight for the flight.

2. Pick-up point at jetport and time passengers are available to load. NICC requires lead time to plan and schedule aircraft.

3. Pick-up point at the jetport is the Fixed Base Operator (FBO) or gate at the airport terminal where the aircraft will park.

4. Passengers must be weighed and manifested prior to boarding the aircraft.

5. Government or contractor support available at each airport, including contact person and telephone number.

6. All personnel listed on the manifest and flight crew members should be provided at least one sack lunch.

24.9 Helicopters: Call-When-Needed (CWN)

A. Type 3 and 4 Helicopters are solicited and inspected by the AMD and FS Regional Aviation Officers.

B. Type 1 and 2 Helicopters are solicited and inspected by NIFC. With the exception of Alaska, all Type 1 and 2 Helicopters will be dispatched by NICC.

There are two (2) categories of helicopters:

1. Limited: No passenger transport, lift only, seats removed. **MANAGERS CANNOT RIDE IN AIRCRAFT WHEN REPOSITIONING.**

2. Standard: Passenger and cargo hauling.

NICC assumes Type 1 requests are for limited helicopters and Type 2 requests are for standard helicopters unless stated otherwise.

C. Helicopter Modules

When processing requests for helicopters, NICC will inform the requesting GACC of the contract type of the assigned resource: Exclusive Use or CWN. Exclusive Use Contract Helicopters are mobilized complete with an assigned module. If the request is filled with a CWN Helicopter, the requesting area must provide a module or order a module through NICC. A Helicopter Manager will be confirmed before NICC assigns a CWN Helicopter. CWN Helicopter Managers or modules will meet with their assigned helicopter off-site from the incident prior to performing work. A specific meeting place should be identified on the Resource Order, such as a Fixed Base Operator (FBO) or other easily

located site. For information regarding mobilization of helicopter modules, see Chapter 20, Section 22.5.

D. GACCs will obtain approval from NICC prior to reassigning Type 1 or 2 Helicopters to another incident.

24.9.1 Exclusive Use Contract Helicopters

A. All FS Exclusive Use Type 1 and 2 Helicopters are contracted by NIFC.

B. All FS Exclusive Use Type 3 and 4 Helicopters are contracted by FS Regional Offices.

C. All Exclusive Use Contract Helicopters for DOI Agencies are solicited, inspected, and contracted by AMD.

D. Exclusive Use Contract Helicopters are dispatched locally by the Administrative Unit. All Type 1 and 2 Helicopters are National Resources.

24.10 Airtankers

Airtankers are National Resources. Geographic Areas administering these aircraft will make them available for wildland fire assignments when ordered by NICC. There are four (4) types of Airtankers:

Type	Capacity (Minimum)
1	3,000 gallons
2	1,800 to 2,999 gallons
3	800 to 1,799 gallons
4	Up to 799 gallons

24.10.1 Early Activation of Airtankers

A. Pre-season and post-season Airtanker activation is processed through the area's Administrative Contracting Officer for that area's contract items.

B. Orders may be placed with NICC for an Airtanker in another area which is closer to its mandatory activation date.

The following chart indicates the different contract periods:

Optional Use	30 Day Pre-Season	Mandatory Availability	45 Day Post-Season	Optional Use

The following process is used to activate Airtankers during Optional Use Periods:

1. The requesting GACC will place the request(s) for Airtanker(s) with NICC, specifying day off requirements.

2. NICC will notify the National Contracting Officer (NCO) at NIFC of the order.

3. The NCO and NICC will determine the availability of Airtankers and notify the National Airtanker Inspector(s). The NCO will notify the Area Administrative Contracting Officer of the activation request and the contract item to be activated.

4. The Area Administrative Contracting Officer will notify the GACC of the activation of the contract item.

5. The National Inspector will notify the Local Inspector of the aircraft and pilot status.

6. NICC will place the order with the appropriate GACC.

7. Scheduled days off will be determined by the specific item number activated. Changes to scheduled days off may be negotiated where practical.

24.10.2 Modular Airborne Firefighting Systems (MAFFS)

A. Objectives

MAFFS provide emergency capability to supplement commercial Air Tankers on wildland fires.

B. Policy

MAFFS are National Resources and are used as a reinforcement measure when contract Air Tankers are committed or not readily available. MAFFS will be made available to assist foreign

governments when requested through the Department of State or other diplomatic Memorandum of Understanding (MOU).

C. Responsibility

Geographic Areas are responsible for ascertaining all suitable commercial Air Tankers. All Air Tankers must be assigned to wildland fires or committed to initial attack before placing a request for a MAFFS Mission to NIFC. For additional information, see the MAFFS Operating Plan.

D. NIFC Responsibility

NIFC is responsible for ascertaining that all suitable commercial contract Air Tankers nationally are committed to wildland fires, initial attack, or cannot meet timeframes of requesting units. When this occurs, the Duty Coordinator will notify the FS Director, NIFC. The FS Director, NIFC, or in his/her absence, the FS National Aviation Officer or Fire & Aviation Management, Washington Office, or their Acting is responsible for initiating a MAFFS Mission. Once approval is given, the NICC Coordinator activates the request through proper military channels. After the initial contact has been made, the NICC Aircraft Dispatcher will process the request. The Governors of California, Wyoming, and North Carolina may activate the appropriate Air National Guard Unit having MAFFS equipment and qualified crews for State-controlled fires. Approval for use of MAFFS equipment must be obtained from the FS Director, NIFC, prior to this activation. **When MAFFS are activated by a governor, the FS Regional Office for that State will assign an accounting code for the incident.**

E. Ordering Criteria

1. Once NICC has advised the GACC that no commercial Air Tankers are available, requests for MAFFS will be placed through established ordering channels to NICC. Order the number of MAFFS units needed.

2. NICC will place the request with the Air Force Operations Support Center in the Pentagon, located in Washington DC.

3. The requesting Geographic Area needs to order the following support:

a. 1 each MAFFS Liaison Officer (MAFF) and a MAFF Trainee

b. 1 each MAFFS Radio Kit (no NFES number assigned)

c. 1 each NIICD FAA Certified Avionics Technician (THSP)

d. Assistant MAFFS Liaison Officer.

e. 1 each MAFFS Airtanker Base Manager (MABM) and a MABM Trainee

f. Logistics, Finance, and Information personnel

The Receiving Unit must be prepared to provide administrative support (procurement, motel rooms, phones, office space, clerical and timekeeping support, transportation) to accommodate as many as 55 people per two (2) aircraft.

4. MAFFS Operations must also include lead plane functions.

24.10.3 Single Engine Air Tankers (SEATs)

Single Engine Air Tankers (SEATs) are on CWN and Exclusive Use Contracts solicited and inspected by AMD and other federal agencies. The SEAT module includes a support vehicle with batch mixing capability for wet and dry retardant. They are available for interagency use and will be requested through established ordering channels. If the ordering office cannot provide a SEAT Manager for a SEAT base, the manager will be requested on an Overhead order. For additional information, see the Interagency SEAT Operations Guide (ISOG), NFES #1844.

24.11 Temporary Flight Restrictions, FAR 91.137 (TFR)

Temporary airspace restrictions will be established when incident related Aviation activities present potential conflict with other Aviation activities. The FAA requires that latitude/longitude information for TFRs (Temporary Flight Restrictions) must be provided in degrees, minutes, and seconds, including reference to north latitude and west longitude. If seconds' information is not

available, add two (2) zeros to the description. Do not use spaces, commas, or other symbols in the description. Example: ddmmssN/dddmmssW or 450700N/1177005W. The corner points should be listed in a clockwise sequence around the requested TFR to avoid "bow tie" depictions. The Interagency Airspace Coordination Guide describes further how flight restrictions are requested and implemented.

24.12 Military Training Routes and Special Use Airspace

Military Training Routes and Special Use Airspace presenting conflicts with incident related Aviation activities will be identified by local units. The source for this information is AP-1B, Flight Information Publication, "Military Training Routes" and the AP/1A FLIP, "Special Use Airspace." Each office should maintain a current edition of these documents. Special Use Airspace information should be organized for easy and rapid utilization; i.e., displayed on dispatching maps, with conversions for legal description to latitude/longitude prepared. Further direction may be obtained in the Interagency Airspace Coordination Guide.

24.13 Airspace Conflicts

Consult the Interagency Airspace Coordination Guide.

24.14 FAA Temporary Control Tower Operations

The FAA may be requested to provide air traffic control support **(consisting of two (2) FAA Air Traffic Controllers)** when Air Operations in support of an incident becomes complex or unsafe at uncontrolled airports. FAA Temporary Control Towers are ordered on an Aircraft Order. It is advisable for GACCs to make agreements with local FAA Regions. A lead time of eight (8) hours is desirable when ordering. **If the FAA cannot supply radios, the incident COML will order radios as a Supply Request through established ordering channels.**

The FAA has requested additional information be provided when requesting FAA Temporary Control Towers. (See FAA Temporary Tower Request Form, Chapter 28.6.) This form, in addition to the Checklist Form in Chapter 11 of the Interagency Airspace Coordination Guide, must accompany FAA Temporary Control Tower requests.

24.15 Dedicated Radio Frequencies

FM, VHF, and UHF Frequencies

NIRSC issues dedicated FM frequencies in conjunction with communication equipment assigned to incidents. NIRSC will order

additional FM frequencies from DOI and FS, Washington Office, as conditions warrant. **To insure proper frequency coordination, the ordering office must include the Latitude and Longitude of the incident on the resource order.**

AM Frequencies

At the start of each season, NIRSC will order AM frequencies from the FAA for all Geographic Areas. Additional AM frequencies will be ordered by NIRSC as conditions warrant. The NIRSC National Communications Duty Officer (CDO) is the only point of contact for ordering AM frequencies from the FAA.

Incident requests for the use of dedicated Air-to-Air and Air-to-Ground frequencies will be made through established ordering channels to NICC and are filled by the NIRSC CDO. The CDO coordinates all National Cache FS and DOI frequencies As well as any additional frequencies released by other agencies for wildland fire support. Aviation frequencies are to be ordered on an Aircraft order as an "A" request.

All Air Tanker bases will monitor will monitor 123.975 VHF AM for aircraft contact. This frequency is for air traffic control and is not to be used for tactical or Flight Following purposes.

24.16 Interagency Interim Flight and Duty Limitations

A. Phase 1 – Standard Flight and Duty Limitations (Abbreviated Summary)

1. Fourteen (14) hour maximum duty day.

2. Eight (8) hours maximum daily flight time for mission flights.

3. Ten (10) hours for point-to-point, with a two (2) pilot crew.

4. Maximum cumulative flight hours of thirty-six (36) hours, up to forty-two (42) hours in six (6) days.

5. Minimum of ten (10) hours uninterrupted time off (rest) between duty periods.

B. Interim Flight and Duty Limitations Implementation

During extended periods of a high level of flight activity or maximum 14-hour days, fatigue factors must be taken into consideration by Fire and

Aviation Managers. Phase 2 and/or Phase 3 Duty Limitations will be implemented for specific Geographic Area's Aviation resources. The minimum scope of operation should be by Geographic Area, i.e., Northwest, Great Basin, etc.

This does not diminish the authority or obligation of any individual COR (Contracting Officer Representative) or Aviation Manager to impose shorter duty days or additional days off at any time for any flight crew members for fatigue at their discretion, as is currently provided for in agency direction and contract specifications.

Implementation decisions will be made on a coordinated, interagency basis, involving the GACC, NICC, and National Aviation Representatives at NIFC.
Official notification of implementation should be made by the FS Regional Aviation Officer (RAO) and DOI Aviation Managers through the GACC and, for broader scope implementations, by National Aviation Management through NIFC.

C. Interim Flight and Duty Limitations

1. Phase 2 – Interim Duty Limitations

When Phase 2 is activated, pilots shall adhere to the flight and day-off limitations prescribed in Phase 1 and the duty limitations defined under Phase 2.

a. Flight crew members shall have a minimum of twelve (12) consecutive hours of uninterrupted rest (off duty) during each duty day cycle. The standard duty day shall be no longer than twelve (12) hours, except a crew duty day extension shall not exceed a cumulative fourteen (14) hour duty day. The next flight crew rest period shall then be adjusted to equal the extended duty day, i.e., thirteen (13) hour duty day, thirteen (13) hours rest; fourteen (14) hour duty day, fourteen (14) hours rest. Extended duty day applies only to completion of a mission. In no case may standby be extended beyond the twelve (12) hour duty day.

b. Double crews (two (2) complete flight crews assigned to an aircraft), augmented flight crews (an additional pilot-in-command assigned to an aircraft), and aircraft crews that work a rotating schedule, ;i.e., two (2) days on, one (1) day off; seven (7) days on, seven (7) days off; or twelve (12) days on, twelve (12) days off, may be

exempted from Phase 2 Limitations upon verification that their scheduling and duty cycles meet or exceed the provisions of Paragraph a. of Phase 2 and Phase 1 Limitations.

c. Exemptions based on Paragraph b. of Phase 2 provisions may be requested through the local Aviation Manager or COR, but must be approved by the FS RAO or DOI Area Aviation Manager.

2. Phase 3 – Interim Duty Limitations

When Phase 3 is activated, pilots shall adhere to the flight limitations of Phase 1 (standard), the duty limitations of Phase 2, and the limitations defined under Phase 3.

a. Each flight crew member shall be given an additional day off each fourteen (14) day period. Crews on a twelve (12) and two (2) schedule shall have three (3) consecutive days off (11 and 3). Flight crews on six (6) and one (1) schedules shall work an alternating weekly schedule of five (5) days on, two (2) days off, then six (6) days on and one (1) day off.

b. Double crews, augmented crews, rotating crews, and aircraft with relief crews, as defined in Paragraph b. of Phase 2, may be exempted from Phase 3 upon verification that their scheduling and duty cycles meet or exceed the provisions of Phase 3 Limitations.

c. Exemptions based on Paragraph b. of Phase 3 will be accomplished as described in Paragraph 1.c. above.

d. Aircraft fixed daily rates and special rates, when applicable, shall continue to accrue during the extra day off. Contractors may provide additional approved crews to maximize utilization of their aircraft. All costs associated with providing the additional crew will be at the contractor's expense, unless the additional crew is requested by the Government.

25 Predictive Services

The GACC Predictive Services units are responsible for preparing and submitting data and reports to NICC regarding current and projected information on wildland fire, weather, fuels, fire danger, and resource status. NICC uses this information to prepare and distribute the Incident Management Situation Report, National Wildland Fire Outlook, and other reports and products.

25.1 Incident Status Summary (ICS-209)

The Incident Status Summary (ICS-209) submitted to the GACC is used to report large wildfires, Wildland Fire Use (WFU) events, and any other significant events on lands under federal protection or federal ownership. Lands administered by states and other federal cooperators may also report in this manner.

The ICS-209 Form is a Fire and Aviation Management Web (FAMWEB) application known as the 209 Program. The ICS-209 is submitted by the agency that has protection responsibility for the incident regardless of who administers the land. If the protection agency is non-federal and chooses not to meet federal reporting standards, then the federal agency which has administrative jurisdiction will submit the ICS-209. Geographic Area Coordination Centers will ensure that their dispatch centers have submitted complete and accurate ICS-209 reports at the times specified in their Mobilization Guide. (See Chapter 20, Section 28.8 for the ICS-209 Form.) Specific instructions for entering ICS-209 data using the 209 Program are located in the User's Guide at http://www.fs.fed.us/fire/planning/nist/sit.htm. The 209 Program is located at http://famweb.nwcg.gov/.

A. Wildfires

Large fires are classified as one hundred (100) acres or larger in timber fuel types, three hundred (300) acres or larger in grass or brush fuel types, or when a Type 1 or 2 Incident Management Team is assigned. A report should be submitted daily until the incident is contained. Refer to GACC Mobilization Guide or agency policy for reporting requirements once containment is achieved.

B. Wildland Fire Use (WFU) Events and Wildfires in Confinement Strategy

An ICS-209 will be submitted to the GACC for WFU fires and for wildfires where confinement is the strategy employed as the appropriate management response, when the event exceeds one hundred (100) acres in timber fuel types or three hundred (300) acres in grass or brush fuel types. Subsequent reports are required when they reach one thousand (1,000) acres in size and every time the fire doubles thereafter, unless

significant activity occurs (resource commitment or resource loss) or as determined by the GACC Mobilization Guide.

C. Other Incidents

Other significant events are classified as incidents in which significant commitment of wildland fire resources has occurred or when a Type 1 or 2 Incident Management Team has been assigned.

D. Complex Reporting

Incidents within a complex should be aggregated and included on one (1) ICS-209. A complex is two (2) or more individual incidents located in the same general proximity, which are assigned to a single Incident Commander or unified command. Individual incidents within the complex, including acreage, should be listed in the Remarks Section.

25.2 Interagency Situation Report

Daily: May through October.
November through April when either of the following conditions are met:

A. Wildland fire activity occurs (includes WFUs and prescribed fires).
B. A unit's Fire Danger is reported as very high or extreme.

The Interagency Situation Report is a FAMWEB application known as the Sit Report Program. GACC's will ensure that all of their dispatch centers have submitted complete data daily from May through the end of October as outlined in each GACC's Mobilization Guide, and November through April when either of the above conditions is met. The reporting period for this report is 0001 to 2400. NICC will retrieve the reports from the web application by 0200 MDT. Reporting is required for all incidents that meet large fire and WFU criteria and when an incident or event experiences significant commitment of wildland fire resources. **Reporting is required for all prescribed fire activity year-round according to the schedule listed above.** The Interagency Situation Report application is divided into seven (7) sections:

A. Daily Fire Statistics
B. Resource Information
C. Planned Prescribed Fires
D. Remarks
E. Year-to-Date Statistics
F. ICS-209 Entry
G. Incident Priority

The Sit Rep Program shares incident information with the 209 Program for summaries and reports. Specific reporting requirements and program instructions are located in the Sit Report User's Guide located at:
http://www.fs.fed.us/fire/planning/nist/sit.htm.
The Sit Report Program is located at http://famweb.nwcg.gov/.

25.3 Incident Management Situation Report

Daily: May through October and as activity warrants.
Weekly: November through April.

The Incident Management Situation Report (IMSR) is prepared by NICC from information and data derived from the Interagency Situation Report submitted by the GACCs through the FAMWEB reporting system. This report will be prepared daily and distributed at 0530 MDT (0800 on weekends and holidays) from May through October, and at 1000 MST on Friday, November through April.

When GACCs report large fires and/or very high to extreme fire danger, a brief weather outlook (Incident Management Situation Weather Outlook Form) is required to be submitted to NICC for inclusion in the IMSR Outlook Section. (e-mailed to: Intell@nifc.blm.gov) (See Exhibit 28.9 for form. Also found on the NICC web site.)

Large fires are typically reported in the IMSR until the incident is contained. Wildland Fire Use events and wildfires in confinement strategy will initially be reported in the IMSR when the event exceeds one hundred (100) acres in timber fuel types or three hundred (300) acres in grass or brush fuel types, when they reach one thousand (1,000) acres in size, double in size thereafter, or when significant activity occurs (resource commitment or resource loss).

25.4 Weekly Fire Weather/Fire Danger Outlook

Weekly: During significant wildland fire activity.

The Weekly Fire Weather/Fire Danger Outlook is to be posted on each GACC's web site every Tuesday at the close of business. (See Chapter 20, Section 28.10. Form can also be found on the NICC web site.) This product contains information on current and projected fire weather, fire danger, and resources.

25.5 Monthly Fire Weather/Fire Danger Outlook

Monthly: Year-Round.

The Monthly Fire Weather/Fire Danger Outlook and map shall be completed by each GACC and submitted to NICC five (5) working days prior to the end of each month. The Monthly Outlook will be prepared for the next month. (See Chapter 28.11.) The GACCs shall include, within their narratives, the following information:

A. The reporting unit, date and significant fire potential along with comments.

B. A Fire weather outlook detailing drought conditions, precipitation, and temperature anomalies.

C. Fuels information.

D. Average and actual fire occurrence data.

E. An outlook map, highlighting geographic areas of significant fire potential.

F. A matrix summary of the Area's expected precipitation, temperature, fuels concerns and prescribed fire implications. The content shall be brief with comments limited to two or three sentences per section.

1. Example:

Geographic Area Name	
Precipitation Outlook	Above normal for the northern two-thirds of the Area. Normal amounts for the remainder.
Temperature Outlook	Below normal across the northern two-thirds of the Area. Above normal southward.
Fuels and Fire Danger Concerns	Late season heavy snow has produced downed and dead fuels, which may become potential fuels late this month. Fire danger index values remain at normal levels.
Prescribed fire implications	Rainfall early last month made prescribed fire projects difficult to complete. This trend will continue based on above normal projected rains in the north.
Miscellaneous	Last month was the third wettest month on record for northern portions of the Area.

This section must be strictly followed in format and content, as this will be the standard format used in the national monthly outlook product issued by the NICC.

25.6 Seasonal Fire Weather/Fire Danger Outlook

Seasonal: Prior to fire season onset with mid-season update(s).

Seasonal Outlooks will be issued periodically by the GACCs, with the first report issued prior to the onset of their fire season. A minimum of one (1) update will be completed during their fire season or as deemed necessary. The NICC staff will assist GACCs with seasonal assessments, as needed.

25.7 National Wildland Fire Outlook

Monthly Outlook: Year-Round.
Seasonal Outlook: As needed.

The Monthly National Wildland Fire Outlook Report is prepared and distributed by NICC on the first day of each month and is compiled from the GACCs Monthly Fire Weather/Fire Danger Outlook. This report consists of a national map delineating areas of below normal, normal, and above normal fire potential, along with a narrative for each Geographic Area. Similarly, National Wildland Fire Outlooks will be issued seasonally, as needed, and utilize information from GACC Predictive Services, as well as other sources of weather and fire danger data.

25.8 Wildland Fire Entrapment/Fatality

Entrapment: A situation where personnel are unexpectedly caught in a fire behavior-related, life-threatening position where planned escape routes or safety zones are absent, inadequate, or have been compromised. An entrapment may or may not include deployment of a fire shelter for its intended purpose. This situation may or may not result in injury. They include "near misses."

In the event that a wildland fire entrapment or fatality occurs, it should be reported immediately to NICC. A Wildland Fire Entrapment/Fatality Initial Report should be completed and mailed to NICC electronically or by fax machine within twenty-four (24) hours. Submit this report even if some data is missing. (See Chapter 20, Section 28.12. Form can also be found on NICC's web site.) Subsequent to the Initial Report, the investigation and review shall be conducted following agency specific policies and NWCG Guidelines.

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26 National Fire Preparedness Plan

National Preparedness Levels are established by the NMAC at NIFC throughout the calendar year. Preparedness Levels are dictated by burning conditions, fire activity, and resource availability. Resource availability is the area of most concern. Situations and activities described within the Preparedness Levels consider wildland fires and prescribed fires.

26.1 Why Preparedness Levels are Established

The purpose of established Preparedness Levels is:

A. To identify the level of wildland fire activity, severity, and resource commitment nationally.

B. To identify actions to be taken by NIFC and Geographic Areas to ensure an appropriate level of preparedness/readiness for the existing and potential situation.

C. To guide and direct Geographic Area Fire Management activities when essential to ensure national preparedness or in response to the National situation.

The NICC Coordinator will monitor the national wildland fire activity and Geographic Area Preparedness Levels and will recommend to the NMAC a National Preparedness Level. Response and support to non-fire incidents requiring a significant commitment of resources may also affect National Preparedness Levels. National Preparedness Levels will be responsive to the Homeland Security Advisory System.

National Preparedness Levels are determined from the ground up and may influence resource allocations within Geographic Areas not experiencing significant activity to ensure sufficient resources are available for the national situation.

26.2 Geographic Area Preparedness Levels

Geographic Area Preparedness Plans should be prepared in accordance with Agency Directives. Copies of Geographic Area Plans should be forwarded to NICC.

26.3 Preparedness Level Descriptions

26.3.1 Preparedness Level 1

Description: Minimal large fire activity nationally. Most Geographic Areas have low to moderate fire danger. There is little or no commitment of National Resources.

A. Management Direction/Consideration:
Agency/Geographic Areas will determine appropriate actions.

Responsibility:
Agency Administrators within Geographic Areas.

26.3.2 Preparedness Level 2

Description: Several Geographic Areas are experiencing high to extreme fire danger. Wildland fire activity is increasing, and large fires are occurring in one (1) or more Geographic Areas. Minimal mobilization of resources from other Geographic Areas is occurring. The potential exists for mobilizing additional resources from other Geographic Areas.

A. Management Direction/Consideration:
Agency/Geographic Areas will determine appropriate actions.

Responsibility:
Agency Administrators within Geographic Areas.

B. Management Direction/Consideration:
Daily morning briefings conducted for the NIFC Directorate.

Responsibility:
NICC Coordinator.

C. Management Direction/Consideration:
Monitor Geographic Area wildland and prescribed fire status, resource commitments, and preparedness levels.

Responsibility:
NICC Coordinator, Geographic Area Coordinators.

26.3.3 Preparedness Level 3

Description: Two (2) or more Geographic Areas are experiencing wildland or prescribed fire activities requiring a major commitment of National Resources. Additional resources are being ordered and

mobilized through NICC. Incident Management Teams are committed in two (2) or more Geographic Areas or 275 Crews are committed nationally.

A. Management Direction/Consideration:
Agency/Geographic Areas monitor WFU, prescribed fire activities, and suppression requirements to maximize efficient resource utilization for identified priorities.

Responsibility:
Agency Administrators within Geographic Areas.

B. Management Direction/Consideration:
Ensure agency fire qualified personnel are available for fire assignments.

Responsibility:
Agency Administrators within Geographic Areas.

C. Management Direction/Consideration:
Daily morning briefings conducted for the NIFC Directorate.

Responsibility:
NICC Coordinator.

D. Management Direction/Consideration:
Coordinate the prepositioning of National Resources, as appropriate.

Responsibility:
NICC Coordinator.

E. Management Direction/Consideration:
Consider requesting Severity Funds to strengthen fire preparedness capability (scarce National Resources).

Responsibility:
NICC Coordinator.

F. Management Direction/Consideration:
Assess resource availability from Canada.

Responsibility:
NMAC.

G. Management Direction/Consideration:
Monitor critical Fire Cache Supply Inventories and provide appropriate direction to Geographic Areas.

Responsibility:
NMAC.

H. Management Direction/Consideration:
Geographic Areas provide NICC with timely intelligence on existing and emerging situations.

Responsibility:
Geographic Area Coordinators.

I. Management Direction/Consideration:
AMD and FS Aviation inspect all Type 1 and Type 2 Helicopters.

Responsibility:
National Aviation Officer, FS, and Director, AMD.

J. Management Direction/Consideration:
Advise the military of the need for a Defense Coordinating Officer (DCO) to be assigned to NIFC.

Responsibility:
NICC Coordinator.

K. Management Direction/Consideration:
Evaluate the need to activate the National Interagency Support Cache Coordinator at NICC.

Responsibility:
NICC Coordinator and National Interagency Support Cache Managers.

26.3.4 Preparedness Level 4

Description: Two (2) or more Geographic Areas are experiencing incidents requiring Type 1 Teams. Competition exists for resources between Geographic Areas. When 425 Crews or five (5) Type 1 Teams are committed nationally.

A. Management Direction/Consideration:
Establish MAC Group at NIFC and conduct MAC Group Meetings daily.

Responsibility:
NMAC.

B. Management Direction/Consideration:
WFU and prescribed fire application can be continued or be initiated if the proposed action is approved by an agency at the Regional or State Office level. This approval must be based on an assessment of risk, impacts of the proposed actions on area resources and activities, and include feedback from the GMAC. The GMAC provides information or perspectives to agencies wishing to proceed with or implement a WFU or prescribed fire application. The final decision to implement resides with the implementing agency.

Responsibility:
Agency Administrators and Regional and State Offices.

C. Management Direction/Consideration:
Establish IR Coordinator position at NICC, as appropriate.

Responsibility:
NICC Coordinator.

D. Management Direction/Consideration:
Allocate/preposition National Resources.

Responsibility:
NMAC.

E. Management Direction/Consideration:
Train additional emergency firefighters as may be appropriate.

Responsibility:
Agency Administrators within Geographic Areas.

F. Management Direction/Consideration:
Coordinate "off-site" training of emergency firefighters with Geographic Areas.

Responsibility:
NMAC Coordinator.

G. Management Direction/Consideration:
Encourage: (1) Assignment of Communications Frequency Managers and Aviation Specialists to all complex multiple

incidents; and (2) Activation of MAC Group as may be appropriate.

Responsibility:
Agency Administrators within Geographic Areas.

H. Management Direction/Consideration:
Geographic Areas provide NICC with fire priorities and other pertinent information at [0300 and 1700 daily].

Responsibility:
Agency Administrators within Geographic Areas.

I. Management Direction/Consideration:
Implement Military Training Plan. Assemble Training Cadre for training military.

Responsibility:
NMAC Coordinator.

J. Management Direction/Consideration:
AMD and FS Aviation contract, award, and inspect additional CWN Type 1 and Type 2 Helicopters.

Responsibility:
National Aviation Officer, FS, and Director, AMD.

K. Management Direction/Consideration:
Activate the National Interagency Aviation Coordinator position.

Responsibility:
National Agency Aviation Offices – FS, BLM, and AMD.

L. Management Direction/Consideration:
Activate the National Interagency Support Cache Coordinator position at NICC.

Responsibility:
NICC Coordinator.

26.3.5 Preparedness Level 5

Description: Geographic Areas are experiencing major incidents which have the potential to exhaust all agency fire resources. When 550 crews are committed nationally.

A. Management Direction/Consideration:
Continue with National Preparedness Level 4 activities.

Responsibility:
NMAC Coordinator.

B. Management Direction/Consideration:
Request Canadian Liaison for the NMAC.

Responsibility:
NMAC Coordinator

C. Management Direction/Consideration:
Access the need for International assistance.

Responsibility:
NMAC

D. Management Direction/Consideration:
Add Coordinator position at NICC to coordinate military mobilizations.

Responsibility:
NMAC Coordinator.

E. Management Direction/Consideration:
WFU and prescribed fire application can be continued or be initiated if the proposed action is recommended at the Regional or State level. The National Agency Representative will assess risk and impacts of the proposed actions and discuss with NMAC. This group will have an opportunity to provide information or perspectives to agencies wishing to proceed with or implement a WFU or prescribed fire application. The final decision to implement resides with the implementing agency.

Responsibility:
Agency Administrators, Regional and State Office Fire Staff, NIFC Staff, and NMAC.

F. Management Direction/Consideration:
Prepare Geographic Area evaluation/assessment of current and projected fire situation when requested by the NMAC.

Responsibility:
GMACs.

G. Management Direction/Consideration:
When requested by the NMAC, make available and incorporate project equipment into the NFES Fire Cache System.

Responsibility:
GMACs.

26.3.6 Preparedness Level 5 to 4

Description: Competition for resources has significantly decreased. No critical fire weather events are forecasted for the next twenty-four (24) hours, and moderating weather conditions are forecasted for the next three (3) to five (5) days.

26.3.7 Preparedness Level 4 to 3

Description: Significant demobilization is occurring. Crews are being released daily and sent to home units. One hundred (100) rested crews are available for new fires. All military resources have been released. Moderating conditions are forecasted for the next twenty-four (24) hours, and higher humidity and lower temperatures are forecasted for the major fire areas.

26.3.8 Preparedness Level 3 to 2

Description: The majority of large fires are contained. Initial attack resources are again available. Geographic Area Crew availability is at or above the 50% level. There is no competition for resources between Geographic Areas. Large fire areas are expected to receive precipitation, with associated higher humidity and lower temperatures.

26.4 National Multi-Agency Coordinating Group (NMAC) Decisions

All NMAC Decisions affecting Geographic Areas and/or providing management guidance will be documented on the NICC web page, located at the following web site: http://www.nifc.gov/news/nmac2/index.html. Additional information may be required from Geographic Areas and Coordinating Groups in order to effectively develop strategy.

26.5 Follow-Up Evaluation

The NMAC Coordinator will document decisions and their results and will report to the NMAC during subsequent meetings.

27 Mobilization Procedures for Military Assets and International Assignments

It is advisable that units and field level users intending to order and utilize military resources obtain copies of the Military Use Handbook, NFES #2175.

27.1 Established Resource Ordering Process

The established resource ordering process will be utilized, including standard resource order format.

A. NICC will determine if all available civilian resources are committed.

B. The Resource Order will be passed back to the Geographic Area indicating that military assets are the only available resources and estimated timeframes for delivery.

C. The Resource Order will be passed back from the Geographic Area to the ordering unit dispatch center, indicating military assets are the only available resources and estimated timeframes for delivery.

D. The Resource Order will be passed back from the ordering unit dispatch center to the incident indicating military assets are the only available resource and estimate timeframes for delivery. It may be necessary for the unit dispatcher to redeploy civilian crews to insure military units are kept intact by deploying a minimum of one (1) battalion to the same incident.

E. The incident must reorder the military assets on a Resource Order in the following manner:

1. Crews: Will be ordered by battalion (25 crews). Each battalion will have one (1) "C" request number. Each battalion will initially be deployed to the same incident.

2. Each Resource Order for crews will be accompanied by "O" requests for:

a) One (1) Battalion Military Liaison (BNML).
b) One (1) Deputy BNML.
c) Four (4) Strike Team Leaders – Military (STLM).
d) Twenty-eight (28) Military Crew Advisors (MCAD) (Minimum Crew Boss qualified), which will accompany the military firefighters through training and remain committed throughout the assignment (30–33 days).

3. Aviation: Aviation support will be ordered by required missions. It should be noted that military Aviation resources, when compared to civilian resources, are restricted in mission capability.

Each group of missions will have its own "A" request number. Each Resource Order will specify the following information:

a. Pounds of external cargo per day.
b. Number of passengers (PAX) per day.
c. Hours of water bucket missions per day.
d. Pounds of internal cargo per day.
e. Estimation of aircraft needed.
f. Aviation communication needs.

4. Helicopter Modules/Managers

a. Blackhawk (UH-60) Helicopters require one (1) Helicopter Manager for each aircraft.

b. Chinook (CH-47) Helicopters require one (1) Helicopter Manager per aircraft for water bucket missions; or one (1) Manager and two (2) crew members during passenger and/or cargo missions.

c. Civilian military Helicopter Managers should not be assigned to military Command/Control aircraft **unless** civilian firefighters are being transported.

5. Vehicles: Vehicles will be ordered by required missions. Each group of missions will have its own "E" request number. Each Resource Order will specify the following information:

a. Number of passengers per day.
b. Pounds of cargo per day.

F. The Resource Order will then be passed from the incident through established ordering channels to NICC. NICC will certify no civilian assets are available, and then forward the Resource Order to the appropriate Continental United States Military Headquarters.

G. NICC will provide the following items:

1. Air transportation, if needed, from installation to the jetport closest to the incident.

2. Five (5) kits of programmable handheld radios, which will be mobilized with the battalion.

H. The incident, on a separate request number, must order enough support equipment, caterers, showers, transportation, and hand tools to equip the military (500-600 firefighters and support personnel). The incident will need to supply diesel fuel for ground vehicles, and fuel for Aviation assets. All firefighting personnel will come equipped with PPE.

27.2 Civilian Support

All other civilian support requested specifically by the military at the incident will follow the established ordering procedures.

27.3 Demobilization Procedures

Procedures will be reversed. However, a lead time of seventy-two (72) hours will be needed to release military firefighters. NICC will release assets to the military and normally provide air transport from the nearest airport. The incident should be prepared to provide ground transportation to the airport. All tools, PPE, and other firefighting issued equipment need to be collected at the incident prior to demobilization.

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27.4 International Operations

27.4.1 Canada Support

Mobilizations involving the United States of America (USA) and Canada are governed and directed by the diplomatic note, Reciprocal Forest Fire Fighting Arrangement Operational Guidelines, and by local initial attack agreements.

Requests to Canadian agencies will normally be made after USA resources are depleted, shortages are projected, or reasonable timeframes cannot be met. All requests for use of Canadian Resources must be ordered through NICC, except for local mutual aid that does not include provisions for any reimbursement. The USA may request air tankers from Canada only after all available contract, add-on, and MAFFS aircraft have been mobilized. The USA may request helicopters from Canada after all available contract and CWN helicopters have been mobilized.

27.4.2 Australia Support and New Zealand Support

Mobilizations involving the United States, Australia, and New Zealand are coordinated through NICC, and are defined in the Wildfire Arrangements between the Department of the Interior and Department of Agriculture of the United States and the Australian and New Zealand Participating Agencies and in the Annual Operating Plan for these Arrangements. Request to Australian and New Zealand Participating Agencies will normally be made after USA resources are depleted, shortages are projected, or reasonable timeframes cannot be met.

27.4.3 Mexico Support

Mobilizations involving the United States and Mexico for fires within ten (10) miles either side of the U.S. – Mexico border are defined in the Wildfire Protection Agreement between the Department of the Interior and the Department of Agriculture of the United States and the Secretariat of Environment, Natural Resources, and Fisheries of the United Mexican States for the Common Border.

Mobilizing USA resources for suppression assistance within Mexico beyond the ten (10) mile zone must be approved and coordinated by NICC, be authorized for reimbursement by the U.S. Agency for International Development's Office of Foreign Disaster Assistance, and be received by NICC through a request from the U.S. Forest Service's Disaster Assistance Support Program. (See Chapter 10, Section 12.1.2.)

27.4.4 Other Nations Support for Large Scale Mobilizations

Large scale mobilizations for reimbursable direct support to disasters (fires or all-risk) in other nations are based on requests received through the Forest Service International Program's Disaster Assistance Support Program (DASP). DASP responds to requests from the U.S. Agency for International Development's Office of Foreign Disaster Assistance (OFDA). OFDA works closely with U.S. Ambassadors in foreign countries, who must determine if an incident in a foreign country warrants U.S. involvement. If the Ambassador does feel the incident is beyond the capability of the affected government, the affected government has requested the assistance, and it is in the best interest of the U.S. Government to assist, the Ambassador can "declare" a disaster. That declaration is the activation mechanism for U.S. support. If that support would include resources available through the land management agencies, OFDA would go to DASP, who would place requests through NICC.

Small scale requests for disaster assistance or technical assistance are coordinated directly by DASP through the home units of the requested individuals.

More information concerning the mission of OFDA and how it organizes and responds to international disasters can be found in OFDA's Field Operations Guide for Disaster Assessment and Response (FOG). The FOG can be located at the following web site:
http://www.usaid.gov/hum_response/ofda.

More information on DASP is located at: http://www.fs.fed.us/global.

28 Dispatch Forms

28.1 Resource Order Form

28.2 Food Service Request Form

28.3 Passenger and Cargo Manifest Form

28.4 Aircraft Flight Request/Schedule Form

28.5 Infrared Aircraft Scanner Request Form

28.6 FAA Temporary Tower Request Form

28.7 Preparedness/Detail Request Form

28.8 Incident Status Summary (ICS-209) Form

28.9 Incident Management Situation Weather Outlook Form

28.10 Weekly Wildland Fire Weather/Fire Danger Outlook Form

28.11 Monthly Wildland Fire Weather/Fire Danger Outlook Form

28.12 Wildland Fire Entrapment/Fatality Form

28.13 Documentation of Length of Assignment Extension Requirements Form

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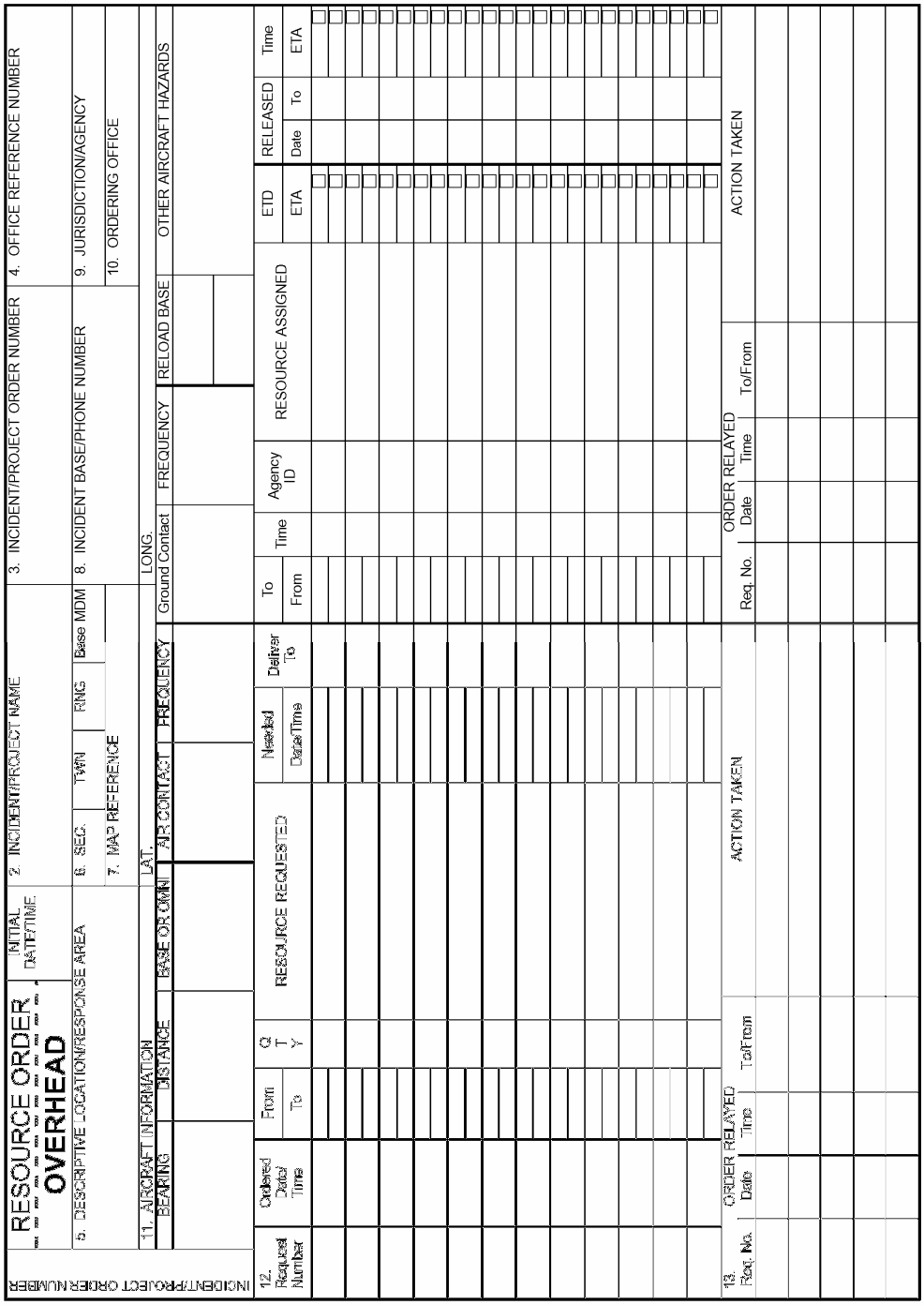
28.1 Resource Order Form



RESOURCE ORDER
OVERHEAD

INITIAL DATE/TIME

2. INCIDENT/PROJECT NAME

3. INCIDENT/PROJECT ORDER NUMBER

4. OFFICE REFERENCE NUMBER

INCIDENT/PROJECT ORDER NUMBER

5. DESCRIPTIVE LOCATION/RESPONSE AREA

6. SEC. | TWN | RNG | Base MDM

7. MAP REFERENCE

8. INCIDENT BASE/PHONE NUMBER

9. JURISDICTION/AGENCY

10. ORDERING OFFICE

11. AIRCRAFT INFORMATION

BEARING | DISTANCE | BASE OR OMNI | AIR CONTACT | FREQUENCY

LAT. LONG.

Ground Contact | FREQUENCY | RELOAD BASE | OTHER AIRCRAFT HAZARDS

12. Requested Number	Ordered Date/ Time	From / To	Qty	RESOURCE REQUESTED	Needed Date/Time	Deliver To	To / From	Time	Agency ID	RESOURCE ASSIGNED	ETD / ETA	RELEASED Date / To	Time / ETA

13. Req. No.	ORDER RELAYED Date	Time	To/From	ACTION TAKEN

Req. No.	ORDER RELAYED Date	Time	To/From	ACTION TAKEN

Resource Order – Overhead.doc/Rev. C

Page 1

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13. Rsq. No.	ORDER RELAYED Date	Time	To/From	ACTION TAKEN	ORDER RELAYED Req. No.	Date	Time	To/From	ACTION TAKEN

Request Number	REMARKS

2. INCIDENT/PROJECT NAME	3. INCIDENT/PROJECT ORDER NO.	ESTIMATED COST	ORDER COMPLETED BY INITIALS	DATE	TIME

Resource Order – Overhead.doc/Jaz C Page 2 ICS 259-13 (7/87) NFES 2213

28.2 Food Service Request Form

FOOD SERVICE REQUEST

Incident Name _____ Financial Code _____

Resource Order No. _____ Request No. _____ Date _____

I. Number of Meals:

1. Date of first meal _____ Time of first meal _____

2. Estimated number for first three meals (minimum guarantee is based on these estimates):

Number of 1st Meal _____ [ ] Breakfast [ ] Sack Lunch [ ] Dinner

Number of 2nd Meal_____ [ ] Breakfast [ ] Sack Lunch [ ] Dinner

Number of 3rd Meal _____ [ ] Breakfast [ ] Sack Lunch [ ] Dinner

II. Location Information: (Provide Map if Available)

Reporting location _____

Contact Person _____ Telephone_____

COTR _____ Telephone_____

FDUL _____

III. Support Information for Contractors:

Nearest authorized potable water source _____

The benefiting unit is responsible for providing the following services:

1. Gray water removal 2. Potable water 3. Department of Health notification (optional)

Incidents requesting potable water tenders, gray water tenders, or refrigerated storage vans must assign new request numbers for each resource ordered.

IV. Estimated Duration/Needs:

1. Anticipated duration of incident _____

2. Number of personnel at peak of incident _____

3. Spike Camps? [ ] No [ ] Yes Number_____ No. of meals per camp per day _____

V. Additional Contact Information:

Ordering Dispatch _____ Telephone_____

National Interagency Coordination Center – (208) 387-5400

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28.3 Passenger and Cargo Manifest Form

STANDARD FORM 245 (6-77) Prescribed by USDA FSM 5716 USDA MP9400.51B	PASSENGER AND CARGO MANIFEST	NO. OF PASSENGERS ON THIS PAGE _____	PAGE ___ OF____
ORDERING UNIT	PROJECT NAME	PROJECT NO	
NAME OF CARRIER	MODE OF TRANSPORTATION & ID. NO.	PILOT OR DRIVER	
CHIEF OF PARTY	REPORT TO	IF DELAYED. CONTACT	

DEPARTURE		INTERMEDIATE STOPS			DESTINATION	
PLACE	ETD	ETA	PLACE	ETD	ETA	PLACE

PASSENGER AND OR CARGO NAME	M	F	PASSENGER WEIGHT	CARGO WEIGHT	DUTY ASGMT IF APPLICABLE	HOME UNIT
1.						
2.						
3.						
4.						
5.						
6.						
7.						
8.						
9.						
10.						
11.						
12.						
13.						
14.						
15.						
16.						
17.						
18.						
19.						
20.						
21.						
22.						

SIGNATURE OF AUTHORIZED REPRESENTATIVE	DATE

245-101

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28.4 Aircraft Flight Request/Schedule Form

UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT AIRCRAFT FLIGHT REQUEST/SCHEDULE				Change #:	6. Aircraft Info FAA N#:	
1. Initial Request Information			Cost Accounting Management Codes:	Billee Code (OAS A/C only):	Flight Schedule No.	Pax Seats
Initial Date/Time:	Tel/Fax#:	Phone Number:			Make/Model:	
Check one: _ Point-to-Point _ Mission Flight: Preferred A/C Type: _ Helicopter _ Airplane					Color:	
Mission Objectives/Special Needs:					Vendor:	
					Phone No.:	
					Pilot(s):	

2. Passenger/Cargo Information – Indicate Chief of Party with an asterisk (*)

Name/Type of Cargo (last name, initial)	LBS or CU ft	Project Order/Request No.	Dept Arpt	Dest Arpt	Return to	Name/Type of Cargo (last name, initial)	LBS or CU ft	Project Order/Request No.	Dept Arpt	Dest Arpt	Return to

3. Flight Itinerary For Mission-Type Flights. Provide Points of Departure/Arrival and Attach Map with Detailed Flight Route and Known Hazards Indicated)

DEPARTURE			DEPART FROM			DELAYS	ARRIVE AT			DROP OFF		Key Points	Info Relayed
Date	No. PAX	Lbs	Airport Phone	ETD	ATD	ETE	Airport Phone	ETA	ATA	No. PAX	Lbs	Drop-Off Points, Refueling Stops, Flight Check-ins, Pickup Points	To/From
						+							/
						+							/
						+							/
						+							/
						+							/
						+							/
						+							/
						+							/

4. Flight Following:

_ FAA DFS _ Radio/Air
_ FAA VFR at sunset or every ___ Minutes to _ FAA or _ Agency
_ Agency VFT (AD) Flight Following
_ Agency VFT (AD) Flight Following
_ Hourly _ Other
Frequencies:

5. Method of Response Tracking:

_ Phone _ Radio
_ Tel Scheduling Commitment
_ Prior to Takeoff _ Each Stop Enroute
_ Actual at Destination
_ Tel _____ @ _____
(Other Other) (Phone Number)

7. Administrative
Type of Payment Document:

_ OAS-23 or _ OAS 2
_ FS 6500-122
Other:
Route Document To:

8. Review (if applicable)

_ Hazard Analysis Performed
_ Dispatch/Aviation Mgr. Checklist
_ Other:

9. Close-out
Closed by: Date/Time: /

HAZARD ANALYSIS AND DISPATCH/AVIATION MANAGER CHECKLIST

I. MISSION FLIGHT HAZARD ANALYSIS (fire flights exempt provided a pre-approved plan is in place). The following potential hazards in the area of operations have been checked, have been identified on flight itinerary map, and will be reviewed with Pilot and Chief-of-Party prior to flight:

- ☐ Military Training Routes (MTRs) or Special-Use Airspace (MOAs, Restricted Areas, etc.)
- ☐ Areas of high-density air traffic (airports); Commercial or other aircraft
- ☐ Wires/transmission lines; wires along rivers or streams or across canyons
- ☐ Weather factors: wind, thunderstorms, etc.
- ☐ Towers and bridges
- ☐ Other aerial obstructions:
- ☐ Pilot flight time/duty day limitations and daylight/darkness factors

  SUNRISE: _____

  SUNSET: _____
- ☐ Limited flight following communications
- ☐ High elevations, temperatures, and weights:

  MAX LANDING ELEV (MSL): _____

  MIN. FLIGHT ALTITUDE AGL: _____
- ☐ Transport of hazardous materials
- ☐ Other: _____

  _____

II. DISPATCHER/AVIATION MANAGEMENT CHECKLIST

- ☐ Pilot and aircraft carding checked with source list and vendor; carding meets requirements;
- ☐ OR, Necessary approvals have been obtained for use of uncarded cooperator, military, or other-government agency aircraft and pilots
- ☐ Check with vendor that an aircraft with sufficient capability to perform mission safely has been scheduled
- ☐ Qualified Aircraft Chief-of-Party has been assigned to the flight (noted on reverse)
- ☐ All DOI passengers have received required aircraft safety training;
- ☐ OR, Aviation manager will present detailed safety briefing prior to departure;
- ☐ Bureau Aircraft Chief-of-Party will be furnished with a Chief-of-Party/Pilot checklist and is aware of its use
- ☐ Means of flight following and resource tracking requirements have been identified
- ☐ Flight following has been arranged with another unit if flight crosses jurisdictional boundaries and communications cannot be maintained
- ☐ Flight hazard maps have been supplied to Chief-of-Party for nonfire low-level missions
- ☐ Procedures for deconfliction of Military Training Routes and Special-Use Airspace have been taken
- ☐ Chief-of-Party is aware of PPE requirements.
- ☐ Cost analysis has been completed and is attached
- ☐ Other/Remarks:

III. APPROVALS

Note: Reference Handbook 9420 for approval(s) required.

A. MISSION FLIGHT: HAZARD ANALYSIS PERFORMED BY:

_____
Chief-of-Party Signature

B. MISSION FLIGHT: HAZARD ANALYSIS REVIEWED BY:

_____
Dispatcher Or Aviation Manager Signature Required

C. IF NON-FIRE, ONE-TIME (NON-RECURRING), SPECIAL-USE MISSION, SIGNATURE OF LINE MANAGER IS REQUIRED **:

_____ **DATE:** _____

D. THIS FLIGHT IS APPROVED BY (Authorized Signature):

_____ **DATE:** _____

*** For recurring Special-Use Missions, signature is required on Special-Use Air Safety Plan, and not required here.*

28.5 Infrared Aircraft Scanner Request Form

INFRARED AIRCRAFT SCANNER REQUEST

Incident# & Project#: **BLM#:** **A#**

Incident Name:		Date/Time:	
Ordering Unit:		Telephone #:	
Local Dispatch:		Telephone #:	
GACC:		Telephone #:	
National IR Coord:		Telephone #:	(208) 387-5381
		FAX #	
		Cell #	(208) 859-4475
Regional IR Coor:		Telephone #:	( )
		FAX #:	( )
		Cell #	( )
IR Interpreter Ordered:	☐ YES ☐ NO	Telephone #	( )
IR Interpreter Assigned:		Cell #	( )
Location: Motel		Motel #	( )
Office or ICP		FAX #	( )
SITL Name and Location:		Telephone #:	( )

Incident Elevation (AVG):	Feet MSL	Approximate Size:	Acres
Weather Over The Incident:			
Delivery Point:		Alt. Delivery Pt:	
Delivery type:	☐ Land Aircraft	☐ Air Drop	☐ Scanned file (give email address or ftp site in box below)
Delivery time:			
Delivery point weather:			

Radio Frequencies

Local admin. Unit	Tx: Mhz	Tone:	Rx: Mhz	Tone:
Alternative Freq	Tx: Mhz	Tone:	Rx: Mhz	Tone:
Air Tactical Group Supervisor	Tx: Mhz	Tone:	Rx: Mhz	Tone:

Incident Location from 2 VORs: **(Degrees)** **(nautical miles)**

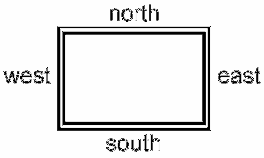
VOR:		**Azimuth:**		**Distance:**	
VOR:		**Azimuth:**		**Distance:**	

Mission Objective and Description:

LATITUDE/LONGITUDE INFORMATION NEEDED FOR EACH MISSION

Mapping Block

NORTH		
SOUTH		
EAST		
WEST		



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28.6 FAA Temporary Tower Request Form

TEMPORARY TOWER REQUEST FORM

(Note - this form should be used in conjunction with the checklists located in Chapter 11 of the Interagency Airspace Coordination Guide (www.fs.fed.us/r6/fire/aviation/airspace)
Please attach this form to the Resource Order and forward both forms to the appropriate FAA Regional Operations Center (ROC), through established ordering channels.

I. GENERAL INFORMATION:
Incident Name _____ Management/Fiscal Code _____
Resource Order Number _____ Request Number _____
Date_____

II. POINTS OF CONTACT

	Name/Agency	Telephone
Ordering Unit	_____	_____
Air Ops/Air Support	_____	_____
Local or Expanded Dispatch	_____	_____
Geographic Area Coordination Ctr	_____	_____
National Interagency Coordination Ctr	_____	_____
FAA POC at ROC	_____	_____

Name / Phone Number of Airport Owner / Operator _____
Has the Airport Owner been notified? YES NO
Requested Operational Hours: _____
Estimated Length of Duration: _____

III. SUPPORT INFORMATION
Closest City/Town _____ State _____

Where is the proposed location of the temporary tower (Select one or explain):
Airport Name & FAA Code_____ Helibase_____
Incident Command Post _____ Other_____
Is a facility available on site for use as a tower (Select one or explain)?
FBO Site/Room rental/etc_____ Rental Trailer _____
Facility to be built on site_____ Other _____
Conditions to expect for overnight at site: Camp _____ Hotel _____

Is a vehicle (Gov't or rental) available for tower personnel? YES NO
Please attach detailed driving directions to the reporting site
Note: Road closures, hazardous conditions, easiest route of travel, etc

IV. EQUIPMENT SURVEY - Refer to Chapter 11 checklist / Interagency Airspace Coordination Guide
What equipment do you currently have (radios, etc) for use by tower personnel?
_____
_____

What equipment do you need? (radios, etc)
_____
_____

Have you completed an inventory of equipment?
_____

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28.7 Preparedness/Detail Request Form

PREPAREDNESS/DETAIL REQUEST

ATTACHMENT TO RESOURCE ORDER NUMBER:_____
REQUEST NUMBER /S/: _____

1. POSITION(S): _____NUMBER OF PERSONS REQUESTED:_____
2. MINIMUM "RED CARD" RATING: _____
3. EMPLOYMENT STATUS : ☐ REGULAR FEDERAL AGENCY ☐ A.D. OTHER: _____
4. AGENCY UNIFORM: ☐ YES ☐ NO FIRE RESISTANT CLOTHING: ☐YES ☐NO
5. DRIVERS LICENSE NEEDED: ☐YES ☐NO ENDORSEMENT: _____
6. GOVERNMENT VEHICLE: ☐ YES ☐NO TYPE:_____
7. PRIVATE VEHICLES AUTHORIZED: ☐YES ☐]NO NUMBER: _____
8. RADIOS NEEDED: ☐YES ☐NO TYPE: _____ NUMBER: _____
9. REQUESTING UNIT'S ELECTRONIC TECHNICIAN'S NAME: _____
   TELEPHONE: _____
10. LENGTH OF DETAIL: _____THROUGH: _____
11. ESTABLISHED WORKWEEK: _____
    HOURS OF DUTY: _____
    OVERTIME AUTHORIZED: ☐ YES ☐NO.
    AUTHORIZATION NUMBER: _____
12. PERSONNEL MAY BE ROTATED: ☐YES ☐NO HOW OFTEN: _____
    ROTATION PAID BY: _____
13. BASE SALARY PAID BY: _____
    TRAVEL PAID BY: _____PER DIEM PAID BY:_____
14. EQUIPMENT USE MILEAGE PAID BY:_____
15. REQUESTING UNIT'S ELECTRONIC ADDRESS: _____
16. REQUESTING UNIT'S ESTIMATED TOTAL COST: _____
17. REQUESTING UNIT'S PERSONNEL OFFICER: _____
    TELEPHONE:_____
18. REQUESTING UNIT'S FINANCE OFFICER: _____
    TELEPHONE: _____
19. TEMPORARY DUTY STATION: _____
    ADDRESS / PO BOX:_____
    TELEPHONE:_____
20. GOVERNMENT LODGING: ☐ YES ☐ NO MESS HALL: ☐ YES ☐ NO.
    GOVERNMENT COOKING FACILITIES ONLY: ☐ YES ☐ NO
    COMMERCIAL LODGING: ☐ YES ☐ NO. RATE: _____ MEALS: ☐ YES ☐ NO.
21. NEAREST COMMERCIAL AIRLINE CITY: _____
22. REMARKS: _____
_____
_____
_____

7/22/2004

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28.8 Incident Status Summary (ICS-209) Form

Incident Status Summary (ICS-209)

1: Date	2: Time	3: Initial | Update | Final	4: Incident Number	5: Incident Name

6: Incident Kind	7: Start Date Time	8: Cause	9: Incident Commander	10: IMT Type	11: State-Unit

12: County	13: Latitude and Longitude Lat: Long:	14: Short Location Description (in reference to nearest town):

Current Situation

15: Size/Area Involved	16: % Contained or MMA	17: Expected Containment Date: Time:	18: Line to Build	19: Costs to Date	20: Declared Controlled Date: Time:

21: Injuries this Reporting Period:	22: Injuries to Date:	23: Fatalities	24: Structure Information			
			Type of Structure	# Threatened	# Damaged	# Destroyed
25: Threat to Human Life/Safety: Evacuation(s) in progress ---- No evacuation(s) imminent -- Potential future threat -------- No likely threat ----------			Residence			
			Commercial Property			
			Outbuilding/Other			

26: Communities/Critical Infrastructure Threatened (in 12, 24, 48 and 72 hour time frames):

12 hours:

24 hours:

48 hours:

72 hours:

27: Critical Resource Needs (kind & amount, in priority order):
1.
2.
3.

28: Major problems and concerns (control problems, social/political/economic concerns or impacts, etc.) Relate critical resources needs identified above to the Incident Action Plan.

29: Resources threatened (kind(s) and value/significance):

30: Current Weather Conditions Wind Speed: mph Temperature: Wind Direction: Relative Humidity:	31: Resource benefits/objectives (for prescribed/wildland fire use only):

32: Fuels/Materials Involved: A drop down box with the 13 Fire Behavior Fuel Models has been added. The incident would select the predominant fuel model with the option to include additional fuels information in the text box.

33: Today's observed fire behavior (leave blank for non-fire events):

34: Significant events today (closures, evacuations, significant progress made, etc.):

Outlook

35: Estimated Control Date and Time:	36: Projected Final Size:	37: Estimated Final Cost:	38: Tomorrow's Forecasted Weather Wind Speed: mph Temperature: Wind Direction: Relative Humidity:

39: Actions planned for next operational period:

40: Projected incident movement/spread during next operational period:

41: For fire incidents, describe resistance to control in terms of:
1. Growth Potential -
2. Difficulty of Terrain -

42: How likely is it that containment/control targets will be met, given the current resources and suppression/control strategy?

43: Projected demobilization start date:

44: Remarks:

45: Committed Resources

Agency	CRW1		CRW2		HEL1	HEL2	HEL3	ENGS		DOZR		WTDR	OVHD	Camp Crews	Total Personnel
	SR	ST	SR	ST	SR	SR	SR	SR	ST	SR	ST	SR	SR		

Total															

46: Cooperating and Assisting Agencies Not Listed Above:

Approval Information

47: Prepared by:	48: Approved by:	49: Sent to: by: Date: Time:

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28.9 Incident Management Situation Weather Outlook Form

INCIDENT MANAGEMENT SITUATION WEATHER OUTLOOK

Red Flag Warnings:

_____

_____

_____

Fire Weather Watches:

_____

_____

_____

Geographic Area Weather	High Temperatures	Min. Relative Humidity	Wind

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28.10 Weekly Wildland Fire Weather/Fire Danger Outlook Form

WEEKLY WILDLAND FIRE WEATHER/FIRE DANGER OUTLOOK

Weekly Fire Weather/Fire Danger Outlook for: _____
(specify dates of 7 to 10 day period)

_____ Predictive Services
(Geographic Area name)

Issued: _____
(date)

Weather Discussion:

Day	Fire Danger	Weather

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28.11 Monthly Wildland Fire Weather/Fire Danger Outlook Form

MONTHLY WILDLAND FIRE WEATHER/FIRE DANGER OUTLOOK

1. Reporting Unit: _____

2. Date: _____

3. Potential for Serious/Critical Fire Problems:

This Coming Month	**Below Normal**	**Normal**	**Above Normal**
This Season	**Below Normal**	**Normal**	**Above Normal**

Comments: _____

4. Fire Weather Outlook: (Addresses the following factors)

Drought Conditions: _____
Precipitation Anomalies and Outlook: _____
Temperature Anomalies and Outlook: _____

5. Fuels:

Fine – Grass Stage	**Green**	**Cured**	
New Growth	**Sparse**	**Normal**	**Above Normal**

Live Fuel Moisture (sage, deciduous, conifer): _____
1000 Hour Dead Fuel Moisture: _____
Normal/Average Fuel Moisture for this Time of Year: _____

6. Average Fire Occurrence/Acres Burned (to date, 5 year average):
_____

7. Actual Occurrence/Acres Burned (to date, this year): _____

8 Written Summary (The text from this summary will be used in the National Wildland Fire Outlook). (Attach to this form.)

9. Fire Outlook Map (Attach to this form.)

A geographic area outline map showing areas of below normal, normal, and above normal fire potential shall be submitted, along with the Monthly Fire Weather/Fire Danger Outlook Report. The map template can be found at:
http://www.nif.gov/news/intell_predserv_forms/national_map.html

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28.12 Wildland Fire Entrapment/Fatality Initial Report Form

Wildland Fire Fatality and Entrapment
INITIAL REPORT

Complete this report for fire-related entrapment and/or fatalities. Timely reporting of wildland-related entrapments or fatalities is necessary for the rapid dissemination of accurate information to the fire management community. It will also allow fire safety and equipment specialists to quickly respond to these events as appropriate. This initial report does not replace agency reporting or investigative responsibilities, policies, or procedures. Immediately notify the National Interagency Coordination Center (NICC). Submit this written report within 24 hours—**even if some data are missing**—to the address given below.

NICC—National Interagency Fire Center
3833 South Development Ave.
Phone: 208–387–5400
Fax: 208–387–5414
NICC Intelligence Section
E-mail: nicc_intel@nifc.blm.gov

Submitted by:_____ Position:_____
Agency:_____ Location:_____
Phone:_____ E-mail:_____

1. General Information

- Date of event_____ Time_____
- Number of personnel involved_____
- Number of: Injuries_____ Fatalities_____
- Fire name, location, agency, etc._____

2. Fatalities

- Type of accident:
  - ☐ Aircraft
  - ☐ Vehicle
  - ☐ Natural (lightning, drowning, etc.)
  - ☐ Smoke
  - ☐ Medical (heart, smoke, heat, etc.)
  - ☐ Entrapment
  - ☐ Struck by falling object
  - ☐ Other
- Where fatality/entrapment occurred:
  - ☐ Fire site
  - ☐ In transit
  - ☐ Incident base
  - ☐ Other

Note: In the event of fatality(s), do not release name(s) until next of kin are notified.

- Employing agency_____
- Unit name_____
- Address_____
- For further information, contact_____

  Home unit address_____

  Phone_____

3. Fire-Related Information

- Fuel model_____
- Temperature_____ RH_____ Wind_____mph
- Topography_____
  _____ Slope_____%
- Fire size at the time of the incident/accident_____acres
- Incident management type at the time of the incident/accident:
  (circle one) 1 2 3 4 5
- Urban/wildland intermix? ..... ❑ Yes ❑ No
- Cause of fire: ❑ Natural ❑ Incendiary ❑ Accidental
  ❑ Unknown

4. Entrapment Information

A situation where personnel are unexpectedly caught in a fire-behavior-related, life-threatening position where escape routes or safety zones are absent, inadequate, or have been compromised. An entrapment may or may not include deployment of a fire shelter. Note: Engine and dozer burnovers also constitute entrapments.

- Brief description of the accident_____

Entrapment Description

- Person trapped ❑ With fire shelter ❑ Without fire shelter
- Burns/smoke injuries incurred while in fire shelter ..... ❑ Yes ❑ No
- Burns/smoke injuries incurred while escaping entrapment ..... ❑ Yes ❑ No
- Burns/smoke injuries incurred while fighting fire ..... ❑ Yes ❑ No
- Fire shelter performed satisfactorily ..... ❑ Yes ❑ No
- Fire shelter was available, but not used ..... ❑ Yes ❑ No

Personal Protective Equipment Used

Fire shelter ..... ❑ Yes ❑ No Gloves ..... ❑ Yes ❑ No
Protective pants ..... ❑ Yes ❑ No Boots ..... ❑ Yes ❑ No
Protective shirt ..... ❑ Yes ❑ No Goggles ..... ❑ Yes ❑ No
Face/neck protection ❑ Yes ❑ No Hardhat ..... ❑ Yes ❑ No

NFES No. 0869 (Revised 2/01) PMS No. 435-1

28.13 Documentation of Length of Assignment Extension Requirements Form

DOCUMENTATION OF LENGTH OF ASSIGNMENT EXTENSION REQUIREMENTS

Documentation of any type of assignment extension should include the following:

I. **Name and Position/Type of Resource:** _____
_____

II. **Length of Extension:** _____

III. **Rationale for Extension (Circle all that apply):**
Life and Property threatened.
Suppression objective(s) are close to being met.
Replacement Resources are not available (Unable to Fill).
Military Assignment.
Other:_____
_____

IV. **A. Single Resource Recommendation:**

Resource, Title, and Signature: _____

_____

Section Chief Name, Title, and Signature: _____

_____

OR

Incident Management Team/Area Command Recommendation:

Operations Section Chief: _____
Planning Section Chief: _____
Finance Section Chief: _____
Logistics Section Chief: _____

V. **Approval:**

_____ _____
Incident/Area Commander Signature Date

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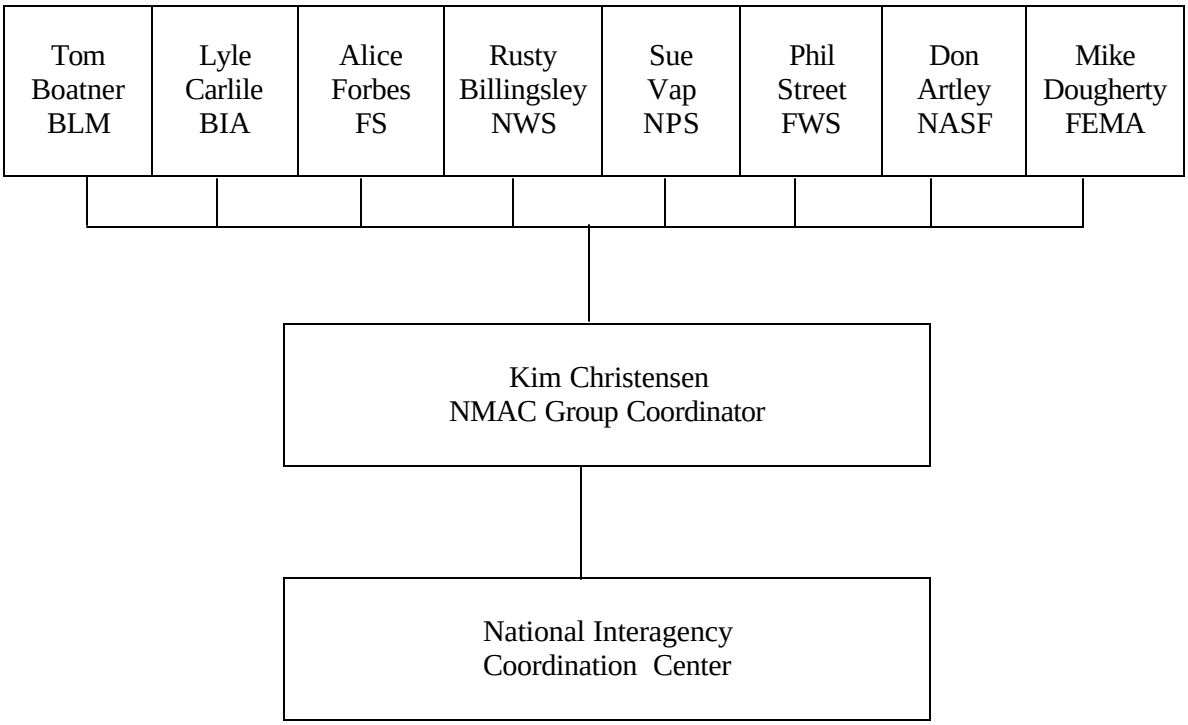
CHAPTER 30

Organization

CHAPTER 30 – ORGANIZATION

31 National Multi-Agency Coordinating Group (NMAC) Organization

During National Preparedness Levels 4 and 5, the National Multi-Agency Coordinating Group (NMAC) is activated and twice daily briefings are conducted to establish national priorities and provide national leadership and direction to wildland fire activities.



31.1 NIFC Directors' Delegations

The FS, BLM, BIA, NPS, FWS, NASF, and FEMA Directors at NIFC have written delegated authority from their respective agency heads to:

Represent their agency on all matters related to wildland fire operations. This includes membership on the NMAC, determining national priorities, and allocating/reallocating incident resources.

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32 Multi-Agency Coordinating Groups (MAC) Organization

Multi-Agency Coordinating Groups (MAC) at the National and Geographic Area level should be activated in accordance with Preparedness Levels found in the National or Geographic Area Mobilization Guides. As the number and complexity of wildland fires increase, involvement and/or impact on agencies increase, and competition for resources increase, it becomes necessary to expand the normal coordination system to ensure efficient use of critical and National Resources. There may be a need for Geographic Areas to activate their MAC Groups when the National Preparedness Level is at 5, enabling Geographic Area response to requests and direction from the NMAC.

Responsibilities of the NMAC

A. Determine and set National priorities.
B. Acquire, allocate, and reallocate resources among Geographic Areas.
C. Provide policy modification and direction for procedures, standards, and methods.
D. Coordinate information and situation assessments between agencies and publics.

Responsibilities of GMACs

A. Determine and set Geographic Area priorities.
B. Acquire, allocate, and reallocate resources.
C. Issue coordinated Situation Assessment Statements.

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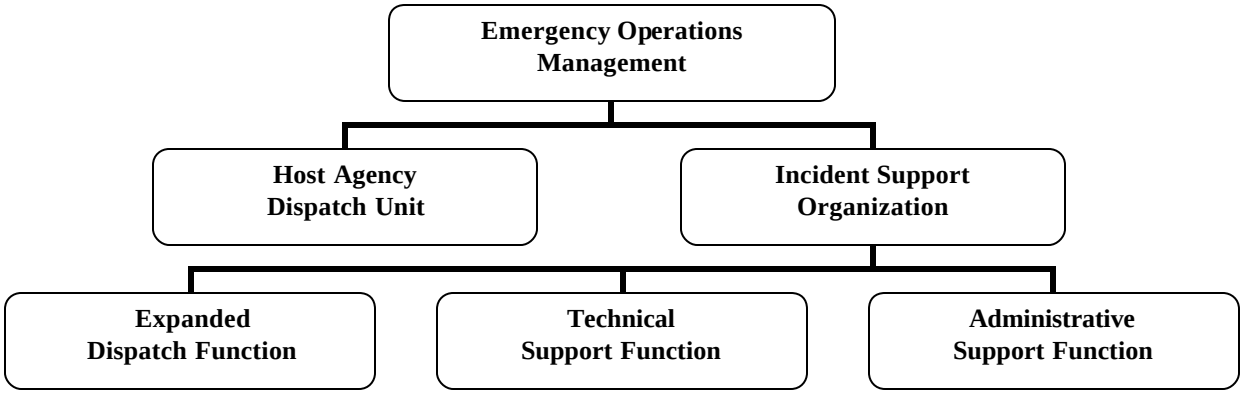
33 Incident Support Organization (ISO)

Agency Administrators are responsible for emergency operations. They provide general guidance and interact with the MAC Group. Typically, some or all of their responsibilities are delegated to personnel who can devote more complete attention to the situation. Often, the unit Fire Management Officer (FMO) has responsibility for the **Incident Support Organization (ISO)** and as a representative on the local MAC Group. Routine initial attack and other dispatch functions continue, but are separated from the ISO. Each office shall maintain a Dispatch Operating Plan, which will include authorities, roles, and responsibilities for Expanded Dispatch personnel, procedures for routine and emergency operations, the resource order process, job aids, and references for the integration of Buying Teams and sources of supply.

The ISO works to provide logistical support to the host agency and the incident(s). The ISO is implemented to address the increased business volume and to supplement established organizations. Staffing positions in an ISO are to be based on need rather than a preconceived organizational chart.

The ISO reports to the Agency Administrator and is composed of functional branches: **Expanded Dispatch, Technical Support, and Administrative Support.** The functional branches coordinate and cooperate to support the host agency and the incident(s).

INCIDENT SUPPORT ORGANIZATION



33.1 Expanded Dispatch Organization

The Expanded Dispatch function of the ISO relieves the host agency's dispatch unit by focusing exclusively on the large or complex incident(s).

Expanded Dispatch Functional Areas

A. Overhead
B. Crews
C. Aircraft, Logistical
D. Equipment
E. Supplies

The volume of orders and complexity of the incident(s) determines staffing levels and the degree of expertise required of the Expanded Dispatch organization. In less complex situations, one (1) dispatcher can handle more than one (1) functional area. Additional personnel may also work within the Expanded Dispatch, such as data entry.

The Expanded Dispatch Supervisory Dispatcher is a facilitator accomplishing the direction provided by the Center Manager or Fire Management Officer, who has delegated authority from the Agency Administrator. Facilitation is accomplished by adequately staffing and supervising the operations of the Expanded Dispatch organization, maintaining positive and effective liaison with the host agency and incident management team(s), and assisting in clarifying the roles and responsibilities for the ISO and the host agency dispatch unit as needed. The individual filling this position must be a qualified Expanded Dispatch Supervisory Dispatcher and capable of performing all functions within the Expanded Dispatch organization.

An Expanded Dispatch Coordinator is normally assigned in the most complex situations; ones where there are considerable external influences affecting the ISO, a local MAC Group is in place, or where span of control within the ISO and/or Expanded Dispatch becomes an issue.

33.2 Technical Support

The Technical Support function of the ISO provides specialized skills, which assist off-incident support operations. These can vary from situation to situation. Common Technical Support functions are: telecommunications, caching of supplies, transportation services, equipment inspection, Aviation ramp services, Mobilization or Demobilization Center management, and security. In many situations, full-time staffing of these support skills is unnecessary. If the situation requires more attention, it may become a full-time responsibility for the duration of the incident(s).

33.3 Administrative Support

The Administrative Support function of the ISO provides administrative services for the host agency, ISO, and incident(s). These can vary from situation to situation. Common Administrative Support functions are: equipment, personnel timekeeping services, procurement services such as a Buying Team, hiring of local ADs or casual employees, follow-up on local compensation and claims actions, providing fiscal advice, and vendor payments.

An Incident Business Advisor (IBA1, 2, or 3) may be ordered by the Agency Administrator to assist with incident business.

33.4 MAC Group Coordinator

The MAC Group Coordinator should only be assigned when a MAC Group is activated. The MAC Group Coordinator serves as a facilitator to multi-agency decision making. The position provides expertise in obtaining and summarizing multi-agency information to affect collective decisions at the MAC Group level and implementing agencies' priorities.

Responsibilities:

A. Ensures MAC Group decisions are communicated and implemented through established dispatch ordering channels.

B. Arranges for and manages facilities and equipment necessary to support the MAC Group function.

C. Facilitates the MAC Group decision process by ensuring the analysis and display of information that will assist the MAC Group or their representatives in keeping abreast of the total situation. Provides the data necessary for astute priority setting, allocation of resources, and other collective decisions.

33.5 Complexity

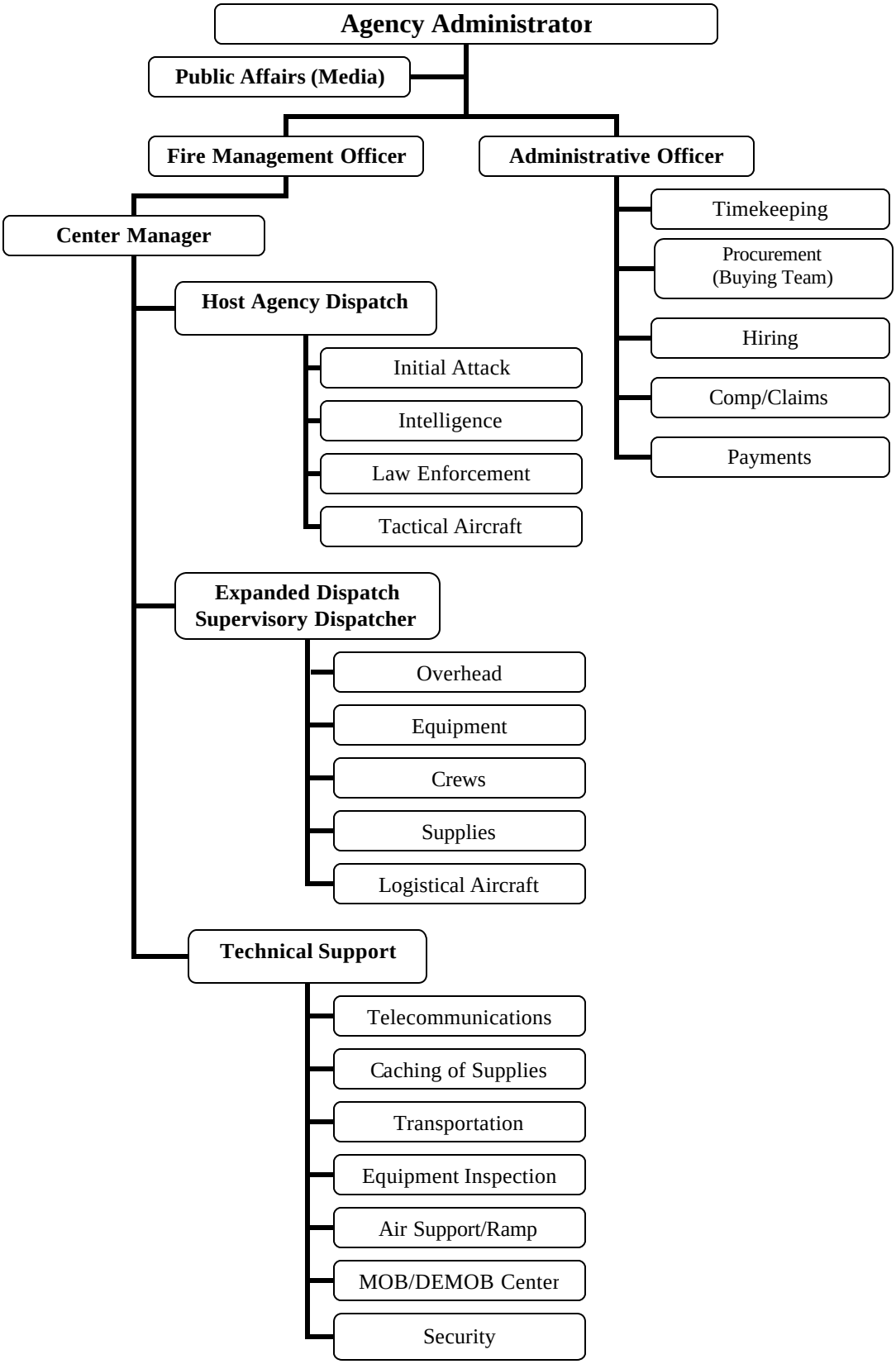
An increase in complexity usually requires more involvement with management. Examples of complex situations are: multiple problem fires, multiple agency involvement, or when competition for resources is high. MAC Groups may be activated in the most complex situations or directed by a Preparedness Level. They provide direction to off-incident coordination and support. (See Chapter 32.) Basic actions of a MAC Group are priority setting, allocating resources, and issuing coordinated situation assessments to the media. MAC Groups occur at all levels of the organization.

Communications to and from the incident(s) are accomplished through the host agency's dispatch unit, using established dispatch channels. This includes ICS-209s, supplemental intelligence worksheets, situation assessments, analysis, prognosis, and fire behavior/weather information. Agency Administrator will communicate policy and specific directions directly to the Incident Commander(s), and Public Affairs will contact the Incident Information Officer(s) for media information and/or news releases. Redundant contacts are to be avoided.

33.6 Example Organizations

ISOs are implemented to address the increased business volume and to supplement established organizations. Staff positions in an ISO are to be based on need rather than a preconceived organizational chart. (See ISO Charts, Chapter 30, Sections 33.7 and 33.8.)

33.7 Incident Support Organization, Example



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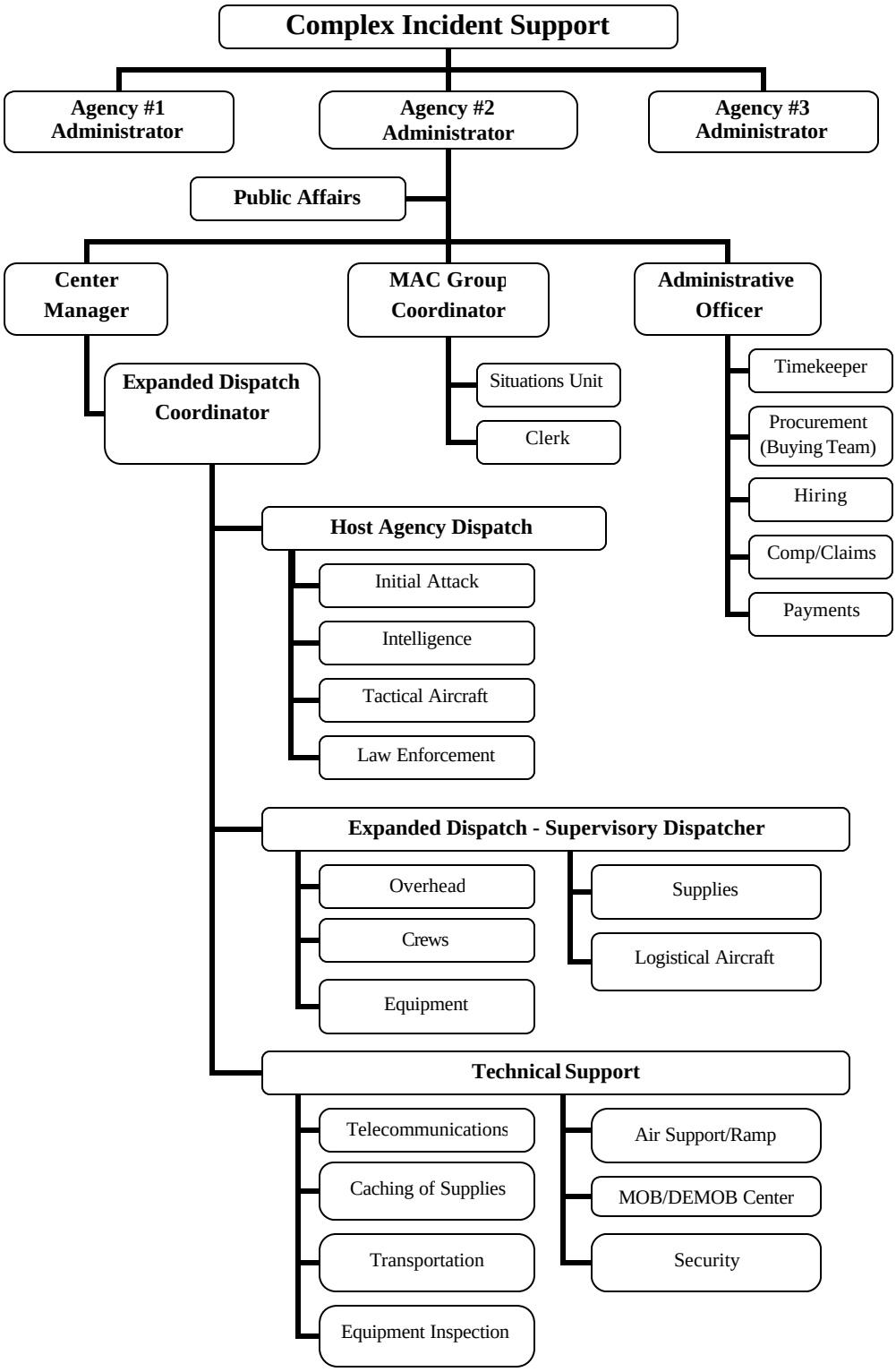
33.8 Incident Support Organization, Example – Complex Incident



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CHAPTER 40

Cooperation

CHAPTER 40 – COOPERATION

41 International Agreements

41.1 Canada Support – Policy

Arrangement in the form of an Exchange of Notes between the Government of Canada and the Government of the United States of America.

Dated May 7, 1982

Excellency,

I have the honor to refer to recent discussions between officials of our two Governments on the question of the provision of mutual assistance in fighting forest fires.

I have the honor to propose the conclusion of an arrangement on this matter on the following lines:

(a) On the part of Canada, the departments and/or agencies participating in this arrangement will be those listed in the Annex to this Note. On the part of the United States of America, the participating departments will be the Department of Agriculture and the Department of the Interior of the United States, acting for the following Federal Agencies: Forest Service, Bureau of Land Management, National Park Service, Bureau of Indian Affairs, and the Fish and Wildlife Service.

(b) Participating Departments and agencies in Canada or the United States are authorized to request and to receive forest fire fighting assistance from participating departments or agencies in the other country.

(c) Requests for fire fighting assistance may be made by written communication or through rapid communication methods between the parties. If the request is made by other than written communication, it shall be confirmed in writing as soon as practical after the request.

Written requests shall provide an itemization of services and/or facilities needed, together with an undertaking to make reimbursement in accordance with paragraphs (g) and (h). Each such request should be signed by an authorized official as designated in paragraph (e) below.

(d) The responsible Government of the requesting party shall reimburse the responsible Government of the aiding party in accordance with paragraphs (g) and (h). It is understood that reimbursement shall be made within one hundred and twenty days or four months after the receipt by the requesting party of an itemized statement of such costs.

(e) On the conclusion of this arrangement and by January 15 annually thereafter, the participating departments and agencies will exchange with each other the names of officials designated to request and/or provide services under this arrangement. In accordance with the cooperative nature of this arrangement, it shall be permissible and desirable for the parties to exchange recommendations and suggestions designed to

render more effective operational procedures to be followed in requesting assistance and reimbursing expenses.

(f) Personnel and facilities of the aiding party made available to the requesting party shall at all times remain under the direct control and direction of the aiding party. The activities of the personnel and facilities of the aiding party should be coordinated by the requesting party with the activities of the personnel and facilities of the requesting party, in order to achieve the maximum possible effectiveness and efficiency.

(g) Any party rendering aid pursuant to this arrangement shall be reimbursed by the responsible Government of the party receiving such aid for the cost of any damage to, loss of, or expense incurred in the operation of any facility answering a request for aid (except where such loss, damage, or expense is the result of negligence on the part of the operator or from deliberate acts of misuse) and for the cost of all materials, transportation, wages, salaries, and maintenance of employees and equipment incurred in connection with such request.

(h) Any party rendering aid pursuant to this arrangement shall be reimbursed by the responsible Government of the party receiving such aid for the cost of payment of compensation and death benefits disbursed to injured employees and the dependents or representatives of deceased employees in the event such employees sustain injuries or are killed while rending aid pursuant to this arrangement, provided that such payments are made in the same manner and on the same terms as if the injury or death were sustained in the regular course of employment.

(i) Participating Canadian and United States departments and agencies shall have the right to withdraw some or all of their personnel and/or facilities wherever they are needed for the maintenance of fire fighting at home. Notice of intent in this respect should be communicated to the requesting party.

(j) Nothing in this arrangement shall be construed as obligating the parties to make expenditures or enter into obligations, contractual or otherwise, for the payment of money in excess of appropriations authorized by law and allocated for forest fire fighting.

(k) Nothing in this arrangement shall be construed as affecting any existing cooperative forest fire fighting arrangements.

(l) Except for costs set forth in paragraphs (g) and (h), no party to this arrangement or its officers or employees shall be liable to any of the other parties thereto or to their officers or employees on account of any act or omission in consequence of performance or intended performance of this arrangement.

If the foregoing proposals are acceptable to the Government of the United States of America, I have the honor to propose that this Note, and your Excellency's reply to that effect, shall constitute an arrangement between our two Governments on this matter, which will enter into force on the date of your reply, and shall remain in force until terminated by either Government on six month's notice in writing to the other.

Accept, Excellency, the renewed assurance of my highest consideration.

Secretary of State for External Affairs

ANNEX

GOVERNMENT OF CANADA:	The Department of Indian Affairs and Northern Development (Northern Affairs Program) Department of the Environment (Canadian Forestry Service and Parks Canada)
Government of Alberta:	Department of Energy and Natural Resources Alberta Forest Service
Government of British Columbia:	British Columbia Forest Service
Government of Manitoba:	Department of Natural Resources
Government of New Brunswick:	Department of Natural Resources
Government of Nova Scotia:	Department of Lands and Forests
Government of Ontario:	Ministry of Natural Resources
Government of Saskatchewan:	Department of Tourism and Renewable Resources
Government of Northwest Territories:	Department of Renewable Resources
Government of Prince Edward Island:	Department of Ministry and Forestry
Government of Newfoundland:	Department of Forestry

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41.2 Canada Support – Operational Guidelines

CANADA/UNITED STATES RECIPROCAL FOREST FIRE FIGHTING ARRANGEMENT

OPERATIONAL GUIDELINES

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I. PURPOSE

These operational guidelines are to facilitate mutual assistance in presuppression and wildland firefighting between Canada and the United States of America. These guidelines do not override or supersede any existing cooperative wildland fire fighting arrangements such as border agreements in accordance with paragraph (k) of the Note. Local agencies sharing common international borders are encouraged to enter into "border agreements" to facilitate presuppression and initial attack on fires posing common threat.

II. AUTHORITY

The Canada/United States Reciprocal Forest Fire Fighting Arrangement, which was concluded by an exchange of Diplomatic Notes on May 7, 1982. (Appendix 1) and further defined in Public Law 101-11 (HR 829) (Appendix III).

III. GENERAL PROCEDURES

A. REQUESTS

Requests for assistance will be channeled by the most expeditious means to the appropriate authorized official (Appendix II) in accordance with paragraph (c) of the Note.

1. Requests for assistance from the USA will be made from the Canadian Interagency Forest Fire Centre (CIFFC), to the National Interagency Coordination Center (NICC) at the National Interagency Fire Center (NIFC) in Boise, Idaho.

2. Requests for assistance from participating Canadian agencies will be made from NIFC to CIFFC.

3. CIFFC and NIFC will be responsible for providing the United States and Canadian officials with the names of the authorized Canadian and United States officials by January 15 each year in accordance with paragraph (e) of the Note.

4. Assistance provided for mutual aid by initial attack forces, in accordance with Border Agreements, is not subject to the provisions of these Operational Guidelines unless reimbursement is required.

5. To minimize delays at border crossings for Customs & Immigration clearances, CIFFC or NICC will supply to the Customs Point of Entry, along with all transport and arrival information, in the form specified, 24 hours prior to mobilization, containing but not limited to the following items:

   - Personnel: The Full Name, Citizenship, Date and Country of Birth, Home Base and Departure Point

- Equipment: The Item, Quantity and Serial or Identification Numbers, Carrier and Bill of Lading Number, Country of Manufacturing.
- Aircraft: The Registration, Tail Number, Call Sign, Aircraft type, Flight Crew Information (same as personnel) and Vendor.

6. Customs Declaration forms will be completed for presentation to Customs at Point of Entry (POE).

B. PERSONNEL

1. Reimbursement for personnel will be on the following basis:

   (a) All salaries, overtime, and hazard pay submitted for payment by the sending agency will be reimbursed by the receiving agency, in accordance with salary schedules and/or union contracts in existence with the lending agency.

   (b) The costs of travel, per diem, and personnel care costs shall in all cases be reimbursed by the receiving agency. Where lodging and meals are not provided by the receiving agency, expenses shall be reimbursed under the lending agency per diem regulations.

2. An acceptable daily flat rate, established and documented prior to mobilization for overhead and crew personnel, may be used in lieu of "1. (a) & (b)."

   (a) The flat rate will include all salaries, adds to pay, overtime, hazard pay when the receiving agency provides lodging and meals.

   (b) The cost of travel, accommodations, vehicle rentals, communication equipment, and other approved expenditures supported by receipts shall be reimbursed when receiving agency cannot provide these services through their procurement methods. Meals will be reimburses under the lending agency per diem regulations when receiving agency cannot provide these services through their procurement methods.

3. The parties of this Agreement may request overhead personnel with specialized expertise for fire assignments.

4. When mutually agreeable, any party to this Agreement may participate in presuppression activities involving personnel or equipment exchanges.

5. The requesting agency should send documentation outlining the major requirements of the position requested. Each agency assigning personnel to a resource order will certify that the personnel assigned will meet the requirements of the position ordered.

6. When appropriate, the lending agency and receiving agency will provide for adequate liaison. The liaison from the lending agency will be responsible for the health, safety, welfare, and commissary needs of personnel represented.

   (a) When the level of wildfire dictates, the National Agency will request a National Liaison or Interagency Representative to sit at the respective National Interagency Centre to coordinate the involvement of their resources.

   (b) When the level of wildfire dictates, the National Liaison with authority from the National Agency will request a Regional Liaison to sit at the Regional Centre to coordinate the resources and liaisons assigned to that region to the National Liaison.

7. Personnel assigned as part of a resource order will receive an adequate orientation session prior to deployment and should be debriefed prior to demobilization.

8. Personnel will be prepared for a 19-day mobilization, including a 14 day assignment duration. The assignment duration is defined as commencing the first full work day on assignment, including orientation and ending the date of release inclusive.

9. All personnel shall carry two pieces of identification (one photo identification and one other piece of identification). NOTE: Any felony or criminal conviction may prohibit mobilization to the receiving country.

10. If an individual is deemed inadmissible due to minor criminal/felony offences, the individual will be required to undergo an interview process with Immigration. All costs associated with the process will be bore by the individual or the lending agency.

11. Controlled substances (i.e., prescription drugs) must be accompanied by the prescription.

12. Personal cargo weight shall be a total of 65 lbs. (29.5 kg), which includes a personal or deployment pack of 45 lbs. (20.4 kg) and a line pack of 20 lbs. (9.1 kg). Additional cargo must be identified and approved by the sending and receiving agency.

13. The lending agency will provide all the safety equipment required to meet their regulations. Should additional equipment be required by the receiving agency, the receiving agency will supply at their expense.

14. The requesting agency will insure that immediate medical services be afforded to any member of the incoming forces regardless of the nature of the requirement or the type of medical aid required. Costs for medical services will be covered by the requesting agency until the employee is returned to the fireline or sending agency.

15. Death or long term compensation claims will be in accordance with paragraph (h) of the Diplomatic Note.

C. EQUIPMENT

1. Expendable equipment and supplies shall be considered purchased or delivery, and full replacement costs will be reimbursed by the receiving agency. Items should be considered expendable if they are not reusable or cannot be recycled.

2. Non-expendable and accountable equipment and supplies will be credited to the receiving agency upon return to the lending agency. The cost of refurbishing is reimbursable by the receiving agency unless the sending agency agrees that the receiving agency will perform the work.

3. In the event that any equipment or supplies are damaged beyond repair or not returned, they will either be replaced by the receiving agency with new equipment or supplies of the same quantity and to the lending agency's standards, or full replacement cost will be reimbursed by the receiving agency.

4. Some specialized equipment may be accompanied by trained technicians and/or operators to ensure safe and efficient set up and operation of equipment.

5. It is recommended that all equipment be registered in the specified format with the respective lending agency's customs authority prior to mobilization.

6. All transportation costs will be reimbursed by the receiving agency.

D. AIRCRAFT (This section applies to contract and government owned aircraft.)

1. Reimbursement will be made on the following basis with the rate to be established and approved prior to mobilization:

   (a) All direct flight costs will be reimbursed by the receiving agency.

   (b) Minimum contract guarantees will be reimbursed by the receiving agency when the resource order is for aircraft services. Contract guarantees will not be assessed if the aircraft is used solely to transport personnel between countries.

   (c) Unless otherwise agreed upon between parties to this Agreement, maintenance and/or damage to the aircraft is the responsibility of the contractor, and/or owner, and is not reimbursable. Damage to an aircraft caused as a direct result of agency personnel actions are the receiving agency's responsibility and are reimbursable.

2. Agency owned or agency contracted aircraft mobilized will be paid under normal provisions and reimbursed by the receiving agency unless contracted directly.

3. All aircraft will meet the receiving agency's specifications for standards and pilot qualifications and will be inspected prior to being put into service.

4. Flight following procedures and protocol will be defined prior to mobilization.

E. RECALL

The recall of resources from the receiving agency shall be in accordance with paragraph (i) of the Note and the lending agency will attempt to give 24 hours notice.

F. BILLING AND PAYMENT

1. The billing and payment provisions in paragraph (d) of the Note should provide for direct payment to the sending agency in accordance with Section III of this document.

2. Invoices for goods and services, provided by Canada to the United States, and United States to Canada, will be paid for in United States Dollars. All invoices in Canadian Dollars will be converted to US funds using the exchange rate on the "close of business day" using the date of the billing invoice as the conversion date.

3. All interest charges will be forgiven for over-due accounts on Government to Government invoices.

4. Billing will include the following:
   (a) Cover letter with reference to specific resource number(s).
   (b) An original itemized invoice in accordance with paragraph (g) of the Note.
   (c) Backup documentation (summarized listing of personnel days and rates or salary, supplies, travel and equipment with dates, hours, and crew/equipment/aircraft type).

5. Canadian invoices will be sent to the following address:

   National Interagency Fire Center
   c/o Administrative Officer
   3833 South Development Avenue
   Boise, ID 83705-5354

6. United States invoices will be sent to the Canadian agency that requested the resource. Individual agency addresses are listed in the Directory of Designated Official (Appendix II).

G. SITUATION REPORTING

CIFFC and NIFC will exchange daily situation reports throughout the period of the normal fire season. The report should include information about the:

Number of Fires
Resources Committed
Weather
Potential for Large Fire Occurrence
Problem Fires

H. AUTHORIZATION AND AMENDMENTS

These guidelines may be amended at any time with the concurrence of the participating agencies.

I. PARTICIPATING AGENCIES

/s/ Alice Forbes
Asst. Director, Wildand Fire Operations
US Forest Service – NIFC

/s/ Larry Hamilton
Director, Fire and Aviation
Bureau of Land Management - NIFC

/s/ Lyle Carlile
Director of Fire & Aviation
Bureau of Indian Affairs – NIFC

/s/ Phil Street
Fire Director
Fish & Wildlife Service – NIFC

/s/ Sue Vap
Fire Director
National Park Service – NIFC

/s/ Don Artley
NASF Representative

/s/Dennis Brown (Acting)
Director
Canadian Interagency Forest Fire Centre
(on behalf of the participating Canadian Agencies)

41.3 Australia Support – Policy

The following Arrangement with Australia constitutes a signed relationship with the following five states only: New South Wales, Western Australia, Victoria, Tasmania, and South Australia.

WILDFIRE ARRANGEMENT BETWEEN THE DEPARTMENT OF THE INTERIOR AND THE DEPARTMENT OF AGRICULTURE OF THE UNITED STATES OF AMERICA AND THE AUSTRALIAN PARTICIPATING AGENCIES

The Department of the Interior and the Department of Agriculture of the United States of America, on the one hand, and the Australian Participating Agencies, on the other hand (hereinafter referred to as the "Participants");

CONSIDERING that through an ongoing informal relationship, the Participants have had exchanges on firefighting issues since 1964;

CONSIDERING the authorities given to the United States Secretary of the Interior and Secretary of Agriculture to enter into such arrangements by the Emergency Wildfire Suppression Act as Amended, U.S. Public Law 100-428, 42 USC, Section 1856m;

CONSIDERING that in the summer of 2000, firefighters from Australia provided able assistance to the U.S. during its worst fire season in over 50 years, and;

RECOGNIZING that it is desirable and in the public interest to formalize the provision of mutual assistance in fighting fires and to share information about suppression and management of fires;

The Participants Have Reached the Following Understandings:

I. Purpose

The purpose of this Arrangement is to provide a framework for one Participant to request and receive Wildfire Suppression Resources from the other Participant and to encourage cooperation on other fire management activities.

II. Definitions

For the purposes of this Arrangement:

1. **"Australian Participating Agencies"** means the State Governments, Statutory Corporations, and other corporate entities of Australia who have signed this Arrangement.

2. **"Receiving Participant"** means the Participant receiving Wildfire Suppression Resources.

3. **"Sending Participant"** means the Participant furnishing Wildfire Suppression Resources.

4. **"Wildfire"** means any forest, range, or bush fire.

5. **"Wildfire Suppression Resources"** means personnel, supplies, equipment, and other resources required for presuppression and suppression activities.

III. Understanding

1. A Participant should immediately consider the request of the other Participant for Wildfire Suppression Resources, and to the fullest extent practicable, promptly approve such request.

2. The Requesting Participant should reimburse the Sending Participant in accordance with Part IV.

3. A Participant may obtain, as appropriate, the participation of its state, regional, local, private or tribal/aboriginal fire organizations in the implementation of this Arrangement, subject to its national or state laws and regulations.

4. The Receiving Participant may organize, task, and direct the Sending Participant's Wildfire Suppression Resources as necessary to meet the Receiving Participant's fire suppression objectives effectively and efficiently.

5. Activities contemplated under this Arrangement are subject to the availability of funds.

6. The Sending Participant should have the right to withdraw some or all of its Wildfire Suppression Resources as necessary at the Sending Participant's discretion. Notice of intent in this respect should be communicated to the Receiving Participant.

7. The Sending Participant should provide all the safety equipment required to meet its regulations. Should additional equipment be required by the Receiving Participant, the Receiving Participant should supply it at the Receiving Participant's expense.

IV. Reimbursement

1. Except for the costs set forth in Part V of this Arrangement, the Sending Participant should be reimbursed by the Receiving Participant for the costs incurred by the Sending Participant in furnishing Wildfire Suppression Resources for, or on behalf of the Receiving Participant. The costs may include the cost of premiums to purchase death and personal injury insurance for the employees of the Sending Participant, as more fully described in the Annual Operating Plan provided for in Part VII of this Arrangement. The specific costs and procedures for reimbursement should be set forth in the Annual Operating Plan, which should be a binding contract.

V. Cross-Waiver of Claims and Assumption of Liability

1. In the Annual Operating Plan, the Receiving and Sending Participants should include provisions by which each Participant and each component of that Participant intends to waive its claims against the other Participant and each component of that Participant for compensation for loss, damage, personal injury, or death occurring as a consequence of the performance of activities undertaken pursuant to the Annual Operating Plan.

2. The Annual Operating Plan should contain provisions whereby the Receiving Participant agrees to assume all liability for the tortuous acts or omissions of the Sending Participant's personnel sent to provide wildfire assistance to the Receiving Participant.

VI. Entry of Personnel and Equipment

1. The Participants intend to work together, with the involved agencies of their respective governments, to process appropriate legal documentation, within the applicable laws and regulations of both countries, and to otherwise facilitate entry to and exit from its territory of all personnel engaged in wildfire suppression pursuant to this Arrangement.

2. Each Participant should undertake all reasonable steps and use its best efforts, within applicable laws and regulations of both countries, to facilitate the admission and exit of all supplies, equipment, aircraft, vehicles, specialized machinery, or other equipment whether owned or contracted, that are used or intended for use in wildfire suppression or transport of wildfire suppression equipment or personnel pursuant to this Arrangement without entry fees and without payment of any duties or taxes imposed by reason of importation.

VII. Annual Operating Plan

1. An Annual Operating Plan should be concluded and executed between the Participants as a binding contract.

2. The Annual Operating Plan should:

   a) Identify designated points of contact responsible for fire suppression;
   b) Set forth specific criteria and procedures for approving requests for Wildfire Suppression Resources;
   c) Establish procedures for efficient and timely communication of relevant information between designated points of contact;
   d) Identify the necessary procedures and legal documentation that are to be completed with agencies of the governments to allow entry into each country of Wildfire Suppression Resources:
   e) Specify the conditions, costs, and procedures for the reimbursement, as deemed appropriate, of the Sending Participant for the furnishing of Wildfire Suppression Resources;
   f) Include terms consistent with Part V, a cross-waiver for compensation for loss, damage, personal injury or death occurring in consequence of the performance of this Arrangement or the Annual Operating Plan;
   g) Establish equivalent standards for qualifications, including physical fitness, training, and experience;
   h) Provide for withdrawal rights of the Sending Participant; and
   i) Provide for the Receiving Participant to assume all liability for the tortuous acts or omissions of the Sending Participant's personnel sent to provide wildfire assistance to the Receiving Participant.

3. The Participants should use their best endeavors to complete a review of the Annual Operating Plan by 15 May in each year. Until the review is completed, the last Annual Operating Plan should continue to apply.

Status of Personnel

1. Except as provided in Clause 3 of this part, any service performed in furtherance of this Arrangement by an employee of a Participant should constitute service performed on behalf of that Participant.

2. Except as provided in Clause 3 of this part, the performance of a service under this Arrangement by any employee, contractor, subcontractor, or agent of one Participant

should in no case render such person an employee, contractor, subcontractor, or agent of the other Participant.

3. For the purpose of tort liability, any employees, contractors, subcontractors, or agents of the Sending Participant sent to fight fires in a foreign country under this Arrangement are considered to be employees of the Receiving Participant. The only remedies for acts or omissions committed while fighting fires shall be that provided under the laws of the host country and those remedies shall be exclusive remedies for any claim arising out of fighting fires in a foreign country. Neither the Sending Participant nor any organization associated with the firefighter shall be subject to any tort action pertaining to or arising out of fighting fires.

Other Areas of Cooperation

1. This Arrangement constitutes a reaffirmation of the importance of engaging in cooperative fire management activities. This Arrangement is intended to encourage and strengthen other cooperative fire management activities, through the sharing among the Participants of personnel, fire management techniques, skills, and innovations. The objective of these activities is to improve the fire fighting capabilities and knowledge of each Participant, resulting in the provision of more effective fire fighting assistance to one another when necessary. Each Participant should bear all of its costs and expenses of participating in these other cooperative activities, unless otherwise mutually arranged.

X. Provisions of Mutual Aid

1. Through this Arrangement, the Participants may provide mutual aid in furnishing Wildfire Suppression Resources for lands and other properties for which the Participants normally provide Wildfire Suppression Resources.

2. This Arrangement outlines potential exchanges of wildlife suppression resources between the Participants. The specific terms of an exchange, some of which are referenced in this arrangement, should be detailed in the Annual Operating Plan provided for in Part VII of this Arrangement.

XI. Dispute Settlement

1. Any differences that arise in the interpretation or application of the provisions of this Arrangement or any Annual Operating Plan concluded pursuant hereto should be resolved by the Participants by means of negotiations and consultations.

General Provisions

1. This Arrangement supersedes any previous arrangement or understanding between the parties.

2. Activities under this Arrangement commence upon signature and continue until 15 May 2010. After that date, this Arrangement continues from year to year until it is terminated.

3. This Arrangement may only be modified by mutual written consent of the Participants.

4. A Participant or Participating Agency may withdraw from this Arrangement at any time, providing reasonable written notice to the other Participants. Withdrawal from this Arrangement should not affect the implementation by the withdrawing Participant or Participating Agency of any fire suppression initiated prior to the provision of notice of

that Participant's or Participating Agency's withdrawal. Withdrawal of a Participant does not terminate this Arrangement as to the remaining Participants.

5. This Arrangement may be terminated with reasonable written notice to the other participants:

   a) Upon the withdrawal from this Arrangement of both the Department of the Interior and the Department of Agriculture of the United States of America, or
   b) Upon the withdrawal of all of the Australian Participating Agencies, or
   c) With the mutual consent of all the Participants.

6. The termination of this Arrangement should not affect the implementation of any fire suppression initiated prior to such termination.

Signed in Australia and Washington, DC, in two originals, in the English language.

/s/ Gale Norton
FOR THE DEPARTMENT OF THE INTERIOR OF THE UNITED STATES OF AMERICA

Date: 8/05/02

/s/ Chloe Munro
SECRETARY
DEPARTMENT OF NATURAL RESOURCES AND ENVIRONMENT
FOR THE STATE OF VICTORIA

Date: 7/08/02

/s/ Ann M. Veneman
FOR THE DEPARTMENT OF AGRICULTURE OF THE UNITED STATES OF AMERICA

Date: 8/08/02

/s/ Bob Smith
CHIEF EXECUTIVE
STATE FORESTS OF NEW SOUTH WALES
FOR THE STATE OF NEW SOUTH WALES

Date: 8/15/02

/s/ Kieran McNamara
ACTING EXECUTIVE DIRECTOR
DEPARTMENT OF CONSERVATION AND LAND MANAGEMENT FOR THE STATE OF WESTERN AUSTRALIA

Date: 8/16/02

/s/ Jim Bacon
PREMIER
FOR THE STATE OF TASMANIA

Date: 9/09/02

/s/ Ian B. Millard
CHIEF EXECUTIVE
SOUTH AUSTRALIAN FORESTRY CORPORATION FOR THE STATE OF SOUTH AUSTRALIA

Date: 8/08/02

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41.4 Australia Support – Operational Guidelines

ANNUAL OPERATING PLAN FOR THE WILDFIRE ARRANGEMENT BETWEEN THE DEPARTMENT OF INTERIOR AND THE DEPARTMENT OF AGRICULTURE OF THE UNITED STATES OF AMERICA AND THE AUSTRALIAN PARTICIPATING AGENCIES

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ANNUAL OPERATING PLAN

I. Purpose

This Annual Operating Plan is prepared pursuant to Part VII of the United States and Australia Arrangement signed in 2002 that provides for wildfire suppression assistance and other fire management activities between Australia and the United States.

II. Contract

This Annual Operating Plan constitutes a binding contract between the parties made in consideration of the mutual obligations set out in it. The Department of the Interior and the Department of Agriculture of the United States of American enter into this contract under the Emergency Wildfire Suppression Act as Amended, U.S. Public Law 100-428, 42 USC, Section 1856m.

III. Definitions

For the purpose of this Annual Operating Plan:

"Australian Participating Agencies" means the State Governments, Statutory Corporations, and other corporate entities of Australia who have signed this Annual Operating Plan.

"Plan" means this Annual Operating Plan.

"United States" means those agencies of the U.S. Department of Agriculture and the U.S. Department of Interior involved in wildfire suppression activities and responsible for receiving Australian Participating Agencies Wildfire Suppression Resources or sending U.S. Wildfire Suppression Resources to Australia.

"Receiving Participant" means the Participant receiving Wildfire Suppression Resources.

"Sending Participant" means the Participant furnishing Wildfire Suppression Resources.

"Wildfire" means any forest, range, or bush fire.

"Wildfire Suppression Resources" means personnel, supplies, equipment, and other resources required for pre-suppression and suppression activities.

IV. General Procedures

A. Request for Wildfire Assistance

1. Requests for wildfire assistance from the United States will be made by the Chairman of the Forest Fire Management Group (FFMG) to the Manager, National Interagency Coordination Center (NICC) at the National Interagency Fire Center (NIFC) in Boise, Idaho, USA.

2. Requests for wildfire assistance from the Participating Agencies of Australia will be made by the Manager at NICC to the Chairman of the FFMG. Such requests will only occur when all U.S. civilian capabilities for the type of Wildfire Suppression Resources requested have been exhausted.

3. For billing and reimbursement or other correspondence, the designated official for the United States will be the Manager, NICC, and for Australia, the designated official will be the Chairman of FFMG or his/her delegate.

4. To minimize delays at points of entry for Customs and Immigration clearances, NICC or FFMG will, 24 hours prior to mobilization, supply to customs at the Point of Entry (POE) all transport and arrival information, in the forms specified, containing but not limited to the following details:

   Personnel: The full name, country of citizenship, date and country of birth, personal identification number (e.g.,

Social Security), passport number, home base, and departure point.

Equipment: The item, quantity and serial numbers, carrier and bill of lading number, and country of manufacture.

5. Customs Declaration forms will be completed for presentation to customs at the POE.

B. Personnel

1. Reimbursement for personnel expenditures incurred while performing services under the Plan will be on the following basis:

a) The United States sending wildfire suppression resources to Australia:

(1) All United States salary costs to include overtime and relevant allowances submitted for payment will be reimbursed by the Australian Participating Agency in accordance with salary schedules in existence within the United States.

(2) The costs of travel, lodging, meals, and other expenses normally approved by the United States will be reimbursed by the Australian Participating Agency when not provided by the Australian Participating Agency.

(3) Travel costs (airline tickets and local transportation) may be billed separately to the Australian Participating Agency.

(4) Upon the production of receipts, the cost of travel, lodging, meals, vehicle rentals, communication equipment, and other approved expenditures shall be reimbursed when the Australian Participating Agency cannot provide these services through their procurement methods. Lodging and meals will be reimbursed at the rate provided for in the United States travel regulations.

(5) Australian Participating Agencies will pay for all immediate medical treatment and any associated costs resulting from an injury incurred in the course of firefighting duties whilst on assignment.

b) Australian Participating Agencies sending wildfire suppression resources to the United States:

(1) All Australian Participating Agency salary costs including overtime and any other relevant allowances submitted for payment by the Australian Participating Agencies will be reimbursed by the United States in accordance with salary schedules and/or union

contracts in existence within the Australian Participating Agencies.

(2) At the time of the request for assistance, the Australian Participating Agencies may be reimbursed at a daily flat rate agreed to by the Australian Participating Agencies and the United States that is established and documented prior to the mobilization of wildfire suppression personnel by the Australian Participating Agencies. The daily rate is in lieu of itemized salary costs, overtime, and relevant allowances for wildfire suppression personnel of Australian Participating Agencies.

(3) The costs of travel, lodging, meals, and other expenses normally covered by the Australian Participating Agencies will be reimbursed by the United States when not provided by the United States.

(4) Travel costs (airline tickets and local transportation) may be billed separately to the United States.

(5) Upon the production of receipts, the cost of travel, lodging, meals, vehicle rentals, communication equipment, and other approved expenditures shall be reimbursed when the United States cannot provide these services through their procurement methods. Lodging and meals will be reimbursed at the rate provided for in the Sending Participants travel regulations.

(6) The United States pay for all immediate medical treatment and any associated costs resulting from an injury incurred in the course of firefighting duties whilst on assignment.

2. The Receiving Participant will detail any specialized expertise required for fire suppression or fire management assignments.

3. Prior to mobilization, the Participating Agencies either sending or receiving wildfire suppression resources will agree to equivalent standards, training, fitness levels, and experience required for each position included in a request.

4. The United States National Wildfire Coordinating Group (NWCG) Qualifications Handbook (310-1) will be used as the basis for establishing equivalent qualifications. For any request for a position not included in the NWCG 310-1, the Receiving Participant will send documentation outlining the major requirements of the position requested. **NOTE:** Because of limitations of delegating authorities within the U.S. Government, the positions of Incident and Deputy Incident Commander, Area and Deputy Area Commander will not be filled by Australian Participating Agencies personnel under this Annual Operating Plan.

5. All Participating Agencies under the Plan assigning wildfire suppression personnel to resource requests will certify that the personnel assigned will meet the requirements of the position ordered.

6. Sending Participant personnel will receive an adequate orientation session from their Participating Agency prior to deployment and another briefing from the Receiving Participant upon arrival. The latter will include a summary of the Receiving Participant's operating guidelines. Prior to demobilization, the Receiving Participant will debrief Sending Participant personnel.

7. The Sending Participant will provide all of the safety equipment required to meet its regulations. Should additional equipment be required by the Receiving Participant, the equipment will be supplied at the expense of the Receiving Participant.

8. The Sending Participant and the Receiving Participant will provide for adequate liaison for the duration of the assistance. In making a request for wildfire suppression resources, the Receiving Participant will allow for the inclusion of a Team Leader, which the Sending Participant shall provide for the full duration of the period of assistance. The Team Leader supplied by the Sending Participant shall be responsible for:

   a) Operational liaison and coordination functions as required by the Receiving Participant;

   b) Health, safety, welfare, and commissary needs of Sending Participant's personnel during non-operational periods of the deployment; and

   c) Liaison and public relations coordination functions for the Sending Participant.

9. Length of deployment, rest, and rotation for personnel shall be identified prior to the commencement of the deployment to the Sending Participant. The Sending Participant shall adhere to rest, rotation, and length of deployment policies of the Receiving Participant (providing they do not conflict with the Sending Participant's policies and procedures in which case the Sending Participant's policies and procedures shall prevail).

10. All Sending Participant personnel shall carry with them two examples of identification (at least one of which must be photographic identification).

11. Any criminal conviction may prohibit mobilization to the Receiving Participant's country. If an individual has been convicted of minor criminal offenses, the individual may, at the discretion of the Receiving Participant, be required to undergo an interview process with the Receiving Participant's immigration office to determine whether the individual may be mobilized. All costs associated with the process will be borne by the individual or the Sending Participant. The Receiving Participant retains the right to refuse entry to any

individual from the Sending Participant whom the Receiving Participant deems undesirable.

Nothing in this clause derogates from any powers of the U.S. or Australian customs and immigration authorities to refuse entry by any person to either country under relevant legislation.

12. Prescription drugs must remain in their original labeled container or be accompanied by a prescription.

13. Personal cargo weight for incident deployment shall be a total of 65 lbs. (29.5 kg), which includes a personal or deployment pack of 45 lbs. (20.4 kg) and a line pack of 20 lbs. (9.1 kg). Additional cargo must be identified and approved by the Sending Participant and the Receiving Participant.

C. Equipment and Supplies

1. Equipment provided to the Sending Participant by the Receiving Participant remains the property of the Receiving Participant.

2. Where considered necessary by the Sending Participant, specialized equipment may be accompanied by trained technicians and/or operators to ensure safe and efficient set up and operation of the equipment. All salary costs including overtime and any other relevant allowances submitted for payment by the Sending Participant will be reimbursed by the Receiving Participant in accordance with salary schedules and/or union contracts in existence within the Sending Participating Agencies.

3. It is recommended that all equipment be registered with the respective Sending Participant's customs authority prior to mobilization.

4. The cost of equipment refurbishing to the Sending Participant's specification is reimbursable by the Receiving Participant unless the Sending Participant agrees that the Receiving Participant will perform the work.

5. All transportation costs of equipment belonging to the Sending Participant will be reimbursed by the Receiving Participant.

D. Recall

The recall of resources from the Receiving Participant shall be made with a minimum of 24 hours notice. Recall will be in accordance with the procedures for requesting resources.

E. Personal Injury, Death, and Public Liability Insurance Coverage

1. a) All employees, contractors, sub-contractors, or agents of the Sending Participant sent to provide wildfire assistance to the Receiving Participant pursuant to the Plan are, for the purposes of tort liability only, considered to be employees and agents of the Receiving Participant. The only remedies for acts of omissions committed while fighting fires shall be

those provided under the laws of the jurisdiction in which assistance is provided to the Receiving Participant and those remedies shall be exclusive remedies for any claim in tort arising out of fighting fires in a foreign country. Neither the Sending Participant nor any personnel sent by it to provide wildfire assistance to the Receiving Participant or any organization associated with such personnel shall be subject to any action in tort pertaining to or arising out of fighting fires.

b) The Receiving Participant agrees to assume any and all liability for the tortuous acts or omissions of personnel sent to provide wildfire assistance to the Receiving Participant pursuant to the Plan including liability for all loss and damage suffered by any person as a result of such acts or omissions. Without limiting the generality of the foregoing, the Receiving Participant's assumption of such liability extends to the payment of any damages or other amounts awarded, whether by a court or other person or body, to any person who has suffered or claims to have suffered loss and damage as a result of such acts or omissions, any amount paid or payable to such claimant in settlement of the claim, and all costs incurred in relation to the claim.

c) In the event that the Sending Participant or any personnel sent by it to provide wildfire assistance to the Receiving Participant are the subject of any claim by any person arising out of tortuous acts or omissions committed or alleged to have been committed by them in the course of providing such assistance, the Receiving Participant will undertake at its cost the defense of such claim on behalf of the Sending Participant or its personnel, provided always that the Receiving Participant retains the right to compromise or settle any such claim on behalf of the Sending Participant or its personnel as in its sole discretion the Receiving Participant sees it.

2. Subject to Clause 1 of this Part, each Participant waives any claims against the other Participant and of each component of that Participant for compensation for loss, damage, personal injury, or death occurring as a consequence of the performance of activities undertaken pursuant to the Plan.

3. a) The U.S. Department of Interior and Agriculture, self-insure employees of the United States Government while on official work assignments and on official travel status. Therefore, employees of the U.S. Government will not require additional insurance coverage under the Plan for activities conducted on behalf of an Australian Participating Agency.

b) Prior to personnel of any Australian Participating Agency being deployed to the United States, Australian Participating Agencies will ensure that appropriate personal injury and death insurance coverage is in place for each of their

personnel deployed in response to United State wildfire suppression resource requests. Additional personal injury and death insurance costs necessarily incurred by Australian Participating Agencies by reason of their deployment will be reimbursed by the United States.

F. Billing and Payment

Billing procedures for emergency fire suppression assignments are as follows:

1. The billing and payment requests should be submitted directly to the designated official of the Receiving Participant as identified in IV.A.3.

2. Invoices for goods and services will be paid in the Receiving Participant's currency.

3. All interest charges will be forgiven for overdue accounts on Government-to-Government invoices provided payment is made within 6 months of the last date of the billing document being received by the Receiving Participant.

4. Billing will include the following:

   a) Cover letter with reference to specific resource request information.

   b) An original itemized invoice.

5. The Sending Participant will include backup documentation summarizing listing of salary, supplies, travel, and equipment with dates, hours, and crew, equipment, or aircraft type. This will not be required for flat rate billing as provided in IV.B.1. (b) (2), except for all travel, supplies, and equipment expenses incurred by the Sending Participant.

G. Situation Reporting

The NICC Manager and the FFMG Chairman of his delegate will exchange daily situation reports throughout the period of the deployment of Australian or U.S. Participating Agency personnel. The report should include information on activities undertaken by deployed personnel, fire situations, problems encountered, and achievements. Monitoring and evaluating the changing conditions associated with the emergency will be the responsibility of the Receiving Participant.

H. Review, Amendment, and Termination

1. The Plan shall be reviewed annually on or before 15 May by the Participating Agencies and updated and renewed as may be agreed between the Participating Agencies.

2. Any Participating Agency may terminate its participation in the Plan upon the expiration of reasonable notice in writing given to each other Participating Agency, such notice to be not less than three months.

I. Governing Law and Jurisdiction

1. Subject to Clause 2 of this Part, the Plan shall be governed by the laws of the United States of America.

2. Where wildfire suppression assistance is provided to a Receiving Participant pursuant to the Plan, all matters concerning the interpretation or enforcement of the Plan, and all questions, disputes, or claims of whatever nature, arising out of or in relation to the provision of such assistance will be governed by the laws of the jurisdiction in which the Receiving Participant receives such assistance. Each Participant submits to the non-exclusive jurisdiction of courts exercising jurisdiction in that place and waives any right it might have to claim that those courts are inconvenient forum.

J. Counterparts

The Plan may consist of a number of counterparts, each of which when executed shall be an original and all counterparts together shall constitute one and the same instrument.

V. Participating Agencies

FOR AUSTRALIA:

/s/ Chloe Munro
Secretary
Department of Natural Resources and Environment
for the State of Victoria

Date: 8/07/02

/s/ Bob Smith
Chief Executive
State Forests of New South Wales
for the State of New South Wales

Date: 8/15/02

/s/ Jim Bacon
Premier
for the State of Tasmania

Date: 9/09/02

/s/ Kieran McNamara
Acting Executive Director
Department of Conservation and Land Management
for the State of Western Australia

Date: 8/16/02

/s/ Ian B. Millard
Chief Executive
South Australian Forestry Corporation
for the State of South Australia

Date: 8/08/02

FOR THE UNITED STATES:

/s/ Alice Forbes
Assistant Director
Wildland Fire Operations
US Forest Service – NIFC

Date: 8/5/02

/s/ Larry Hamilton
Director
Office of Fire and Aviation
Bureau of Land Management – NIFC

Date: 8/5/02

/s/ Sue Vap
Fire Director
National Park Service – NIFC

Date: 8/05/02

/s/ Jim Stires
Fire Director
Bureau of Indian Affairs - NIFC

Date: 8/05/02

/s/ Roger Spaulding
Fire Director
Fish and Wildlife Service – NIFC

Date: 8/5/02

/s/ Victoria E. Majors
Administrative Officer
US Forest Service – NIFC

Date: 8/05/02

/s/ Richard Harter
Contracting Officer
Office of Fire and Aviation
Bureau of Land Management – NIFC

Date: 8/05/02

41.5 New Zealand Support – Policy

The following Arrangement with New Zealand constitutes a signed relationship that is inclusive of the entire country. This section also includes copies of the identical operating plans for Australia and New Zealand.

WILDFIRE ARRANGEMENT BETWEEN THE DEPARTMENT OF THE INTERIOR AND THE DEPARTMENT OF AGRICULTURE OF THE UNITED STATES OF AMERICA AND THE NEW ZEALAND PARTICIPATING AGENCIES

The Department of the Interior and the Department of Agriculture of the United States of America, on the one hand, and the New Zealand Participating Agencies, on the other hand (hereinafter referred to as the "Participants");

CONSIDERING that through an ongoing informal relationship, the Participants have had exchanges on firefighting issues since 1964;

CONSIDERING the authorities given to the United States Secretary of the Interior and Secretary of Agriculture to enter into such arrangements by the Emergency Wildfire Suppression Act as Amended, U.S. Public Law 100-428, 42 USC, Section 1856m;

CONSIDERING that in the summer of 2000, firefighters from New Zealand provided able assistance to the U.S. during its worst fire season in over 50 years, and;

RECOGNIZING that it is desirable and in the public interest to formalize the provision of mutual assistance in fighting fires and to share information about suppression and management of fires;

The Participants Have Reached the Following Understandings:

I. Purpose

The purpose of this Arrangement is to provide a framework for one Participant to request and receive Wildfire Suppression Resources from the other Participant and to encourage cooperation on other fire management activities.

II. Definitions

For the purposes of this Arrangement:

1. **"New Zealand Participating Agencies"** means the State Governments, Statutory Corporations, and other corporate entities of New Zealand who have signed this Arrangement.

2. **"Receiving Participant"** means the Participant receiving Wildfire Suppression Resources.

3. **"Sending Participant"** means the Participant furnishing Wildfire Suppression Resources.

4. **"Wildfire"** means any forest, range, or bush fire.

5. **"Wildfire Suppression Resources"** means personnel, supplies, equipment, and other resources required for presuppression and suppression activities.

III. Understanding

1. A Participant should immediately consider the request of the other Participant for Wildfire Suppression Resources, and to the fullest extent practicable, promptly approve such request.

2. The Requesting Participant should reimburse the Sending Participant in accordance with Part IV.

3. A Participant may obtain, as appropriate, the participation of its state, regional, local, private or tribal/aboriginal fire organizations in the implementation of this Arrangement, subject to its national or state laws and regulations.

4. The Receiving Participant may organize, task, and direct the Sending Participant's Wildfire Suppression Resources as necessary to meet the Receiving Participant's fire suppression objectives effectively and efficiently.

5. Activities contemplated under this Arrangement are subject to the availability of funds.

6. The Sending Participant should have the right to withdraw some or all of its Wildfire Suppression Resources as necessary at the Sending Participant's discretion. Notice of intent in this respect should be communicated to the Receiving Participant.

7. The Sending Participant should provide all the safety equipment required to meet its regulations. Should additional equipment be required by the Receiving Participant, the Receiving Participant should supply it at the Receiving Participant's expense.

IV. Reimbursement

1. Except for the costs set forth in Part V of this Arrangement, the Sending Participant should be reimbursed by the Receiving Participant for the costs incurred by the Sending Participant in furnishing Wildfire Suppression Resources for, or on behalf of the Receiving Participant. The costs may include the cost of premiums to purchase death and personal injury insurance for the employees of the Sending Participant, as more fully described in the Annual Operating Plan provided for in Part VII of this Arrangement. The specific costs and procedures for reimbursement should be set forth in the Annual Operating Plan, which should be a binding contract.

V. Cross-Waiver of Claims and Assumption of Liability

1. In the Annual Operating Plan, the Receiving and Sending Participants should include provisions by which each Participant and each component of that Participant intends to waive its claims against the other Participant and each component of that Participant for compensation for loss, damage, personal injury, or death occurring as a consequence of the performance of activities undertaken pursuant to the Annual Operating Plan.

2. The Annual Operating Plan should contain provisions whereby the Receiving Participant agrees to assume all liability for the tortuous acts or omissions of the Sending Participant's personnel sent to provide wildfire assistance to the Receiving Participant.

VI. Entry of Personnel and Equipment

1. The Participants intend to work together, with the involved agencies of their respective governments, to process appropriate legal documentation, within the applicable laws and regulations of both countries, and to otherwise facilitate entry to and exit from its territory of all personnel engaged in wildfire suppression pursuant to this Arrangement.

2. Each Participant should undertake all reasonable steps and use its best efforts, within applicable laws and regulations of both countries, to facilitate the admission and exit of all supplies, equipment, aircraft, vehicles, specialized machinery, or other equipment whether owned or contracted, that are used or intended for use in wildfire suppression or transport of wildfire suppression equipment or personnel pursuant to this Arrangement without entry fees and without payment of any duties or taxes imposed by reason of importation.

VII. Annual Operating Plan

1. An Annual Operating Plan should be concluded and executed between the Participants as a binding contract.

2. The Annual Operating Plan should:

   a) Identify designated points of contact responsible for fire suppression;
   b) Set forth specific criteria and procedures for approving requests for Wildfire Suppression Resources;
   c) Establish procedures for efficient and timely communication of relevant information between designated points of contact;
   d) Identify the necessary procedures and legal documentation that are to be completed with agencies of the governments to allow entry into each country of Wildfire Suppression Resources:
   e) Specify the conditions, costs, and procedures for the reimbursement, as deemed appropriate, of the Sending Participant for the furnishing of Wildfire Suppression Resources;
   f) Include terms consistent with Part V, a cross-waiver for compensation for loss, damage, personal injury or death occurring in consequence of the performance of this Arrangement or the Annual Operating Plan;
   g) Establish equivalent standards for qualifications, including physical fitness, training, and experience;
   h) Provide for withdrawal rights of the Sending Participant; and
   i) Provide for the Receiving Participant to assume all liability for the tortuous acts or omissions of the Sending Participant's personnel sent to provide wildfire assistance to the Receiving Participant.

3. The Participants should use their best endeavors to complete a review of the Annual Operating Plan by 15 May in each year. Until the review is completed, the last Annual Operating Plan should continue to apply.

Status of Personnel

1. Except as provided in Clause 3 of this part, any service performed in furtherance of this Arrangement by an employee of a Participant should constitute service performed on behalf of that Participant.

2. Except as provided in Clause 3 of this part, the performance of a service under this Arrangement by any employee, contractor, subcontractor, or agent of one Participant

should in no case render such person an employee, contractor, subcontractor, or agent of the other Participant.

3. For the purpose of tort liability, any employees, contractors, subcontractors, or agents of the Sending Participant sent to fight fires in a foreign country under this Arrangement are considered to be employees of the Receiving Participant. The only remedies for acts or omissions committed while fighting fires shall be that provided under the laws of the host country and those remedies shall be exclusive remedies for any claim arising out of fighting fires in a foreign country. Neither the Sending Participant nor any organization associated with the firefighter shall be subject to any tort action pertaining to or arising out of fighting fires.

Other Areas of Cooperation

1. This Arrangement constitutes a reaffirmation of the importance of engaging in cooperative fire management activities. This Arrangement is intended to encourage and strengthen other cooperative fire management activities, through the sharing among the Participants of personnel, fire management techniques, skills, and innovations. The objective of these activities is to improve the fire fighting capabilities and knowledge of each Participant, resulting in the provision of more effective fire fighting assistance to one another when necessary. Each Participant should bear all of its costs and expenses of participating in these other cooperative activities, unless otherwise mutually arranged.

X. Provisions of Mutual Aid

1. Through this Arrangement, the Participants may provide mutual aid in furnishing Wildfire Suppression Resources for lands and other properties for which the Participants normally provide Wildfire Suppression Resources.

2. This Arrangement outlines potential exchanges of wildlife suppression resources between the Participants. The specific terms of an exchange, some of which are referenced in this arrangement, should be detailed in the Annual Operating Plan provided for in Part VII of this Arrangement.

XI. Dispute Settlement

1. Any differences that arise in the interpretation or application of the provisions of this Arrangement or any Annual Operating Plan concluded pursuant hereto should be resolved by the Participants by means of negotiations and consultations.

General Provisions

1. This Arrangement supersedes any previous arrangement or understanding between the parties.

2. Activities under this Arrangement commence upon signature and continue until 15 May 2010. After that date, this Arrangement continues from year to year until it is terminated.

3. This Arrangement may only be modified by mutual written consent of the Participants.

4. A Participant or Participating Agency may withdraw from this Arrangement at any time, providing reasonable written notice to the other Participants. Withdrawal from this Arrangement should not affect the implementation by the withdrawing Participant or Participating Agency of any fire suppression initiated prior to the provision of notice of

that Participant's or Participating Agency's withdrawal. Withdrawal of a Participant does not terminate this Arrangement as to the remaining Participants.

5. This Arrangement may be terminated with reasonable written notice to the other participants:

   a) Upon the withdrawal from this Arrangement of both the Department of the Interior and the Department of Agriculture of the United States of America, or
   b) Upon the withdrawal of all of the New Zealand Participating Agencies, or
   c) With the mutual consent of all the Participants.

6. The termination of this Arrangement should not affect the implementation of any fire suppression initiated prior to such termination.

Signed in Australia and Washington, DC, in two originals, in the English language.

/s/ Gale Norton
FOR THE DEPARTMENT OF THE
INTERIOR OF THE
UNITED STATES OF AMERICA

Date: 8/05/02

/s/ SIGNATURE UNKNOWN
NATIONAL RURAL FIRE AUTHORITY
FOR THE COMMONWEALTH
OF NEW ZEALAND

Date: 8/20/02

/s/ Ann M. Veneman
FOR THE DEPARTMENT OF
AGRICULTURE OF THE
UNITED STATES OF AMERICA

Date: 8/08/02

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41.6 New Zealand Support – Operational Guidelines

ANNUAL OPERATING PLAN FOR THE WILDFIRE ARRANGEMENT BETWEEN THE DEPARTMENT OF INTERIOR AND THE DEPARTMENT OF AGRICULTURE OF THE UNITED STATES OF AMERICA AND THE NEW ZEALAND PARTICIPATING AGENCIES

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ANNUAL OPERATING PLAN

I. Purpose

This Annual Operating Plan is prepared pursuant to Part VII of the United States and New Zealand Arrangement signed in 2002 that provides for wildfire suppression assistance and other fire management activities between New Zealand and the United States.

II. Contract

This Annual Operating Plan constitutes a binding contract between the parties made in consideration of the mutual obligations set out in it. The Department of the Interior and the Department of Agriculture of the United States of American enter into this contract under the Emergency Wildfire Suppression Act as Amended, U.S. Public Law 100-428, 42 USC, Section 1856m.

III. Definitions

For the purpose of this Annual Operating Plan:

"New Zealand Participating Agencies" means the State Governments, Statutory Corporations, and other corporate entities of New Zealand who have signed this Annual Operating Plan.

"Plan" means this Annual Operating Plan.

"United States" means those agencies of the U.S. Department of Agriculture and the U.S. Department of Interior involved in wildfire suppression activities and responsible for receiving Australian Participating Agencies Wildfire Suppression Resources or sending U.S. Wildfire Suppression Resources to New Zealand.

"Receiving Participant" means the Participant receiving Wildfire Suppression Resources.

"Sending Participant" means the Participant furnishing Wildfire Suppression Resources.

"Wildfire" means any forest, range, or bush fire.

"Wildfire Suppression Resources" means personnel, supplies, equipment, and other resources required for pre-suppression and suppression activities.

IV. General Procedures

A. Request for Wildfire Assistance

1. Requests for wildfire assistance from the United States will be made by the Chairman of the Forest Fire Management Group (FFMG) to the Manager, National Interagency Coordination Center (NICC) at the National Interagency Fire Center (NIFC) in Boise, Idaho, USA.

2. Requests for wildfire assistance from the Participating Agencies of New Zealand will be made by the Manager at NICC to the Chairman of the FFMG. Such requests will only occur when all U.S. civilian capabilities for the type of Wildfire Suppression Resources requested have been exhausted.

3. For billing and reimbursement or other correspondence, the designated official for the United States will be the Manager, NICC, and for New Zealand, the designated official will be the Chairman of FFMG or his/her delegate.

4. To minimize delays at points of entry for Customs and Immigration clearances, NICC or FFMG will, 24 hours prior to mobilization, supply to customs at the Point of Entry (POE) all transport and arrival information, in the forms specified, containing but not limited to the following details:

   Personnel: The full name, country of citizenship, date and country of birth, personal identification number (e.g., Social Security), passport number, home base, and departure point.

   Equipment: The item, quantity and serial numbers, carrier and bill of lading number, and country of manufacture.

5. Customs Declaration forms will be completed for presentation to customs at the POE.

B. Personnel

1. Reimbursement for personnel expenditures incurred while performing services under the Plan will be on the following basis:

a) The United States sending wildfire suppression resources to New Zealand:

(1) All United States salary costs to include overtime and relevant allowances submitted for payment will be reimbursed by the New Zealand Participating Agency in accordance with salary schedules in existence within the United States.

(2) The costs of travel, lodging, meals, and other expenses normally approved by the United States will be reimbursed by the New Zealand Participating Agency when not provided by the Australian Participating Agency.

(3) Travel costs (airline tickets and local transportation) may be billed separately to the New Zealand Participating Agency.

(4) Upon the production of receipts, the cost of travel, lodging, meals, vehicle rentals, communication equipment, and other approved expenditures shall be reimbursed when the New Zealand Participating Agency cannot provide these services through their procurement methods. Lodging and meals will be reimbursed at the rate provided for in the United States travel regulations.

(5) New Zealand Participating Agencies will pay for all immediate medical treatment and any associated costs resulting from an injury incurred in the course of firefighting duties whilst on assignment.

b) New Zealand Participating Agencies sending wildfire suppression resources to the United States:

(1) All New Zealand Participating Agency salary costs including overtime and any other relevant allowances submitted for payment by the New Zealand Participating Agencies will be reimbursed by the United States in accordance with salary schedules and/or union contracts in existence within the New Zealand Participating Agencies.

(2) At the time of the request for assistance, the New Zealand Participating Agencies may be reimbursed at a daily flat rate agreed to by the New Zealand

Participating Agencies and the United States that is established and documented prior to the mobilization of wildfire suppression personnel by the New Zealand Participating Agencies. The daily rate is in lieu of itemized salary costs, overtime, and relevant allowances for wildfire suppression personnel of New Zealand Participating Agencies.

(3) The costs of travel, lodging, meals, and other expenses normally covered by the New Zealand Participating Agencies will be reimbursed by the United States when not provided by the United States.

(4) Travel costs (airline tickets and local transportation) may be billed separately to the United States.

(5) Upon the production of receipts, the cost of travel, lodging, meals, vehicle rentals, communication equipment, and other approved expenditures shall be reimbursed when the United States cannot provide these services through their procurement methods. Lodging and meals will be reimbursed at the rate provided for in the Sending Participants travel regulations.

(6) The United States pay for all immediate medical treatment and any associated costs resulting from an injury incurred in the course of firefighting duties whilst on assignment.

2. The Receiving Participant will detail any specialized expertise required for fire suppression or fire management assignments.

3. Prior to mobilization, the Participating Agencies either sending or receiving wildfire suppression resources will agree to equivalent standards, training, fitness levels, and experience required for each position included in a request.

4. The United States National Wildfire Coordinating Group (NWCG) Qualifications Handbook (310-1) will be used as the basis for establishing equivalent qualifications. For any request for a position not included in the NWCG 310-1, the Receiving Participant will send documentation outlining the major requirements of the position requested. **NOTE:** Because of limitations of delegating authorities within the U.S. Government, the positions of Incident and Deputy Incident Commander, Area and Deputy Area Commander will not be filled by New Zealand Participating Agencies personnel under this Annual Operating Plan.

5. All Participating Agencies under the Plan assigning wildfire suppression personnel to resource requests will certify that the personnel assigned will meet the requirements of the position ordered.

6. Sending Participant personnel will receive an adequate orientation session from their Participating Agency prior to deployment and

another briefing from the Receiving Participant upon arrival. The latter will include a summary of the Receiving Participant's operating guidelines. Prior to demobilization, the Receiving Participant will debrief Sending Participant personnel.

7. The Sending Participant will provide all of the safety equipment required to meet its regulations. Should additional equipment be required by the Receiving Participant, the equipment will be supplied at the expense of the Receiving Participant.

8. The Sending Participant and the Receiving Participant will provide for adequate liaison for the duration of the assistance. In making a request for wildfire suppression resources, the Receiving Participant will allow for the inclusion of a Team Leader, which the Sending Participant shall provide for the full duration of the period of assistance. The Team Leader supplied by the Sending Participant shall be responsible for:

   a) Operational liaison and coordination functions as required by the Receiving Participant;

   b) Health, safety, welfare, and commissary needs of Sending Participant's personnel during non-operational periods of the deployment; and

   c) Liaison and public relations coordination functions for the Sending Participant.

9. Length of deployment, rest, and rotation for personnel shall be identified prior to the commencement of the deployment to the Sending Participant. The Sending Participant shall adhere to rest, rotation, and length of deployment policies of the Receiving Participant (providing they do not conflict with the Sending Participant's policies and procedures in which case the Sending Participant's policies and procedures shall prevail).

10. All Sending Participant personnel shall carry with them two examples of identification (at least one of which must be photographic identification).

11. Any criminal conviction may prohibit mobilization to the Receiving Participant's country. If an individual has been convicted of minor criminal offenses, the individual may, at the discretion of the Receiving Participant, be required to undergo an interview process with the Receiving Participant's immigration office to determine whether the individual may be mobilized. All costs associated with the process will be borne by the individual or the Sending Participant. The Receiving Participant retains the right to refuse entry to any individual from the Sending Participant whom the Receiving Participant deems undesirable.

    Nothing in this clause derogates from any powers of the U.S. or Australian customs and immigration authorities to refuse entry by any person to either country under relevant legislation.

12. Prescription drugs must remain in their original labeled container or be accompanied by a prescription.

13. Personal cargo weight for incident deployment shall be a total of 65 lbs. (29.5 kg), which includes a personal or deployment pack of 45 lbs. (20.4 kg) and a line pack of 20 lbs. (9.1 kg). Additional cargo must be identified and approved by the Sending Participant and the Receiving Participant.

C. Equipment and Supplies

1. Equipment provided to the Sending Participant by the Receiving Participant remains the property of the Receiving Participant.

2. Where considered necessary by the Sending Participant, specialized equipment may be accompanied by trained technicians and/or operators to ensure safe and efficient set up and operation of the equipment. All salary costs including overtime and any other relevant allowances submitted for payment by the Sending Participant will be reimbursed by the Receiving Participant in accordance with salary schedules and/or union contracts in existence within the Sending Participating Agencies.

3. It is recommended that all equipment be registered with the respective Sending Participant's customs authority prior to mobilization.

4. The cost of equipment refurbishing to the Sending Participant's specification is reimbursable by the Receiving Participant unless the Sending Participant agrees that the Receiving Participant will perform the work.

5. All transportation costs of equipment belonging to the Sending Participant will be reimbursed by the Receiving Participant.

D. Recall

The recall of resources from the Receiving Participant shall be made with a minimum of 24 hours notice. Recall will be in accordance with the procedures for requesting resources.

E. Personal Injury, Death, and Public Liability Insurance Coverage

1. a) All employees, contractors, sub-contractors, or agents of the Sending Participant sent to provide wildfire assistance to the Receiving Participant pursuant to the Plan are, for the purposes of tort liability only, considered to be employees and agents of the Receiving Participant. The only remedies for acts of omissions committed while fighting fires shall be those provided under the laws of the jurisdiction in which assistance is provided to the Receiving Participant and those remedies shall be exclusive remedies for any claim in tort arising out of fighting fires in a foreign country. Neither the Sending Participant nor any personnel sent by it to provide wildfire assistance to the Receiving Participant or any organization associated with such personnel shall be subject

to any action in tort pertaining to or arising out of fighting fires.

b) The Receiving Participant agrees to assume any and all liability for the tortuous acts or omissions of personnel sent to provide wildfire assistance to the Receiving Participant pursuant to the Plan including liability for all loss and damage suffered by any person as a result of such acts or omissions. Without limiting the generality of the foregoing, the Receiving Participant's assumption of such liability extends to the payment of any damages or other amounts awarded, whether by a court or other person or body, to any person who has suffered or claims to have suffered loss and damage as a result of such acts or omissions, any amount paid or payable to such claimant in settlement of the claim, and all costs incurred in relation to the claim.

c) In the event that the Sending Participant or any personnel sent by it to provide wildfire assistance to the Receiving Participant are the subject of any claim by any person arising out of tortuous acts or omissions committed or alleged to have been committed by them in the course of providing such assistance, the Receiving Participant will undertake at its cost the defense of such claim on behalf of the Sending Participant or its personnel, provided always that the Receiving Participant retains the right to compromise or settle any such claim on behalf of the Sending Participant or its personnel as in its sole discretion the Receiving Participant sees it.

2. Subject to Clause 1 of this Part, each Participant waives any claims against the other Participant and of each component of that Participant for compensation for loss, damage, personal injury, or death occurring as a consequence of the performance of activities undertaken pursuant to the Plan.

3. a) The U.S. Department of Interior and Agriculture, self-insure employees of the United States Government while on official work assignments and on official travel status. Therefore, employees of the U.S. Government will not require additional insurance coverage under the Plan for activities conducted on behalf of a New Zealand Participating Agency.

b) Prior to personnel of any New Zealand Participating Agency being deployed to the United States, New Zealand Participating Agencies will ensure that appropriate personal injury and death insurance coverage is in place for each of their personnel deployed in response to United State wildfire suppression resource requests. Additional personal injury and death insurance costs necessarily incurred by New Zealand Participating Agencies by reason of their deployment will be reimbursed by the United States.

F. Billing and Payment

Billing procedures for emergency fire suppression assignments are as follows:

1. The billing and payment requests should be submitted directly to the designated official of the Receiving Participant as identified in IV.A.3.

2. Invoices for goods and services will be paid in the Receiving Participant's currency.

3. All interest charges will be forgiven for overdue accounts on Government-to-Government invoices provided payment is made within 6 months of the last date of the billing document being received by the Receiving Participant.

4. Billing will include the following:

   a) Cover letter with reference to specific resource request information.

   b) An original itemized invoice.

5. The Sending Participant will include backup documentation summarizing listing of salary, supplies, travel, and equipment with dates, hours, and crew, equipment, or aircraft type. This will not be required for flat rate billing as provided in IV.B.1. (b) (2), except for all travel, supplies, and equipment expenses incurred by the Sending Participant.

G. Situation Reporting

The NICC Manager and the FFMG Chairman of his delegate will exchange daily situation reports throughout the period of the deployment of New Zealand or U.S. Participating Agency personnel. The report should include information on activities undertaken by deployed personnel, fire situations, problems encountered, and achievements. Monitoring and evaluating the changing conditions associated with the emergency will be the responsibility of the Receiving Participant.

H. Review, Amendment, and Termination

1. The Plan shall be reviewed annually on or before 15 May by the Participating Agencies and updated and renewed as may be agreed between the Participating Agencies.

2. Any Participating Agency may terminate its participation in the Plan upon the expiration of reasonable notice in writing given to each other Participating Agency, such notice to be not less than three months.

I. Governing Law and Jurisdiction

1. Subject to Clause 2 of this Part, the Plan shall be governed by the laws of the United States of America.

2. Where wildfire suppression assistance is provided to a Receiving Participant pursuant to the Plan, all matters concerning the interpretation or enforcement of the Plan, and all questions, disputes, or claims of whatever nature, arising out of or in relation to the provision of such assistance will be governed by the laws of the jurisdiction in which the Receiving Participant receives such assistance. Each Participant submits to the non-exclusive jurisdiction of courts exercising jurisdiction in that place and waives any right it might have to claim that those courts are inconvenient forum.

J. Counterparts

The Plan may consist of a number of counterparts, each of which when executed shall be an original and all counterparts together shall constitute one and the same instrument.

V. Participating Agencies

FOR NEW ZEALAND:

/s/ Murray Dudfield
National Rural Fire Officer
For the Commonwealth of New Zealand

Date: 8/06/02

FOR THE UNITED STATES:

/s/ Alice Forbes
Assistant Director
Wildland Fire Operations
US Forest Service – NIFC

Date: 8/5/02

/s/ Larry Hamilton
Director
Office of Fire and Aviation
Bureau of Land Management – NIFC

Date: 8/5/02

/s/ Sue Vap
Fire Director
National Park Service – NIFC

Date: 8/05/02

/s/ Jim Stires
Fire Director
Bureau of Indian Affairs - NIFC

Date: 8/05/02

/s/ Roger Spaulding
Fire Director
Fish and Wildlife Service – NIFC

Date: 8/5/02

/s/ Victoria E. Majors
Administrative Officer
US Forest Service – NIFC

Date: 8/05/02

/s/ Richard Harter
Contracting Officer
Office of Fire and Aviation
Bureau of Land Management – NIFC

Date: 8/05/02

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41.7 Mexico Support – Policy

WILDFIRE PROTECTION AGREEMENT BETWEEN THE DEPARTMENT OF AGRICULTURE AND THE DEPARTMENT OF THE INTERIOR OF THE UNITED STATES OF AMERICA AND THE SECRETARIAT OF ENVIRONMENT NATURAL RESOURCES, AND FISHERIES OF THE UNITED MEXICAN STATES FOR THE COMMON BORDER

The Department of Agriculture and the Department of Interior of the United States of America, on the one hand, and the Secretariat of Environment, National Resources, and Fisheries of the United Mexican States, on the other hand (hereinafter referred to as the Parties);

CONSIDERING that many of the land areas along the approximately 3,200 kilometer (2,000 miles) United States-Mexico border are located such that wildfires in one country may become a threat to the resources of the other country; and

RECOGNIZING that it is desirable and in the public interest to provide for coordinated action between both countries to facilitate effective use of wildfire resources to suppress wildfires on both sides of the border;

HEREBY AGREE AS FOLLOWS:

ARTICLE I
Purpose

The purpose of this Agreement is to enable wildfire protection resources originating in the territory of one country to cross the United States-Mexico border in order to suppress wildfires on the other side of the border within the zone of mutual assistance in appropriate circumstances.

The purpose of this Agreement is further to give authority for Parties to cooperate on other fire management activities outside the zone of mutual assistance.

ARTICLE II
Definitions

For the purpose of this Agreement:

1. "Wildfire" means a fire that occurs in a "wildland" area, such as a range or forest, in which development is essentially non-existent, except for roads, railroads, power lines, and similar transportation facilities, and structures, which if these exist, are widely scattered and are used primarily for recreation or agricultural purposes.

2. "Wildfire protection resources" means personnel, supplies, equipment, aircraft, vehicles, vessels, radios and specialized machinery or other resources, whether owned or contracted, that are intended for wildfire suppression or the transport of wildfire suppression equipment or personnel.

3. "Zone of mutual assistance" means the area of up to 16 kilometers (10 miles) on each side of the United States-Mexico border.

4. "Receiving Party" means the Party receiving wildfire protection resources.

5. "Sending Party" means the party furnishing wildfire protection resources.

ARTICLE III
Obligations

1. Each Party shall immediately consider the request of the other Party, whether a Receiving Party or a Sending Party, for cross-border movement of wildfire protection resources within the zone of mutual assistance, and, to the fullest extent practicable, promptly approve such request.

2. The Parties shall ensure the Annual Operating Plans are generated in accordance with Article VII.

3. Each Party may obtain, as appropriate, the participation of its state, regional, local, private, or tribal fire organizations in the implementation of this Agreement, subject to its national laws and regulations.

ARTICLE IV
Reimbursement

Each Party shall assume all of its costs and expenses of furnishing wildland fire protection resources, including costs for lost or damaged wildfire protection resources, according to the performance of this Agreement, unless otherwise agreed by the Parties.

ARTICLE V
Cross-Waiver of Claims

1. Each Party hereby waives its claims against the other Party for compensation for loss, damage, personal injury, or death occurring as a consequence of the performance of this Agreement.

2. Each Party shall, by contract or otherwise, extend the cross-waiver of liability set forth in Paragraph 1 above to any contractors or subcontractors or agents or any state, regional, local, private, or tribal fire organizations it may designate or assign to perform activities under this Agreement.

3. The cross-waiver of liability set forth in Paragraph 1 above shall not apply to:

a) Claims between a Party and its agencies, employees, contractors, subcontractors, or agents;

b) Claims arising from willful misconduct; and

c) Claims arising from criminal conduct.

ARTICLE VI
Entry of Personnel and Equipment

The Parties are committed to work together, with the involved agencies of their respective governments, to process appropriate legal documentation, within the applicable laws and regulations of both countries, and to otherwise facilitate entry to and exit from its territory of all

personnel engaged in wildfire protection pursuant to this Agreement. Also, each Party shall undertake all reasonable steps and use its best efforts, within applicable laws and regulations of both countries, to facilitate the admission of all supplies, equipment, aircraft, vehicles, specialized machinery, or other equipment whether owned or contracted, that are used or intended for use in wildfire suppression or transport of wildfire suppression equipment or personnel pursuant to this Agreement without entry fees and without payment of any duties or taxes imposed by reason of importation.

ARTICLE VII
Annual Operating Plans

1. Annual Operating Plans shall be concluded and executed between the Parties.

2. Each Annual Operating Plan shall:

   a) Identify designated points of contact responsible for fire suppression within the applicable subregion within the zone of mutual assistance;

   b) Set forth specific criteria for approving requests for wildfire protection resources;

   c) Develop plans for mobilization of wildfire protection resources on each side of the United States-Mexico border;

   d) Establish procedures for efficient and timely communication of relevant information between designated points of contact:

   e) Provide for complete and timely reporting and recordkeeping of all wildfire suppression incidents occurring in the subregion within the zone of mutual assistance;

   f) Identify the necessary procedures and legal documentation, which are to be completed, with agencies of the governments, for the expeditious cross-border movement of wildfire protection resources;

   g) Specify the conditions and procedures for the reimbursement, as deemed appropriate, of the Sending Party for the furnishing of wildfire protection resources; and

   h) Include terms consistent with Article V, a cross-waiver for compensation for loss, damage, personal injury, or death occurring in consequence of the performance of this Agreement.

3. The Parties may recommend the development of Operating Plans for other fire management activities outside the zone of mutual assistance, subject to the approval of their respective governments.

4. The Parties shall maintain on file copies of all Annual Operating Plans.

ARTICLE VIII
Status of Personnel

1. Any service performed in furtherance of this Agreement by an employee of a Party shall constitute service performed on behalf of that Party.

2. The performance of a service under this Agreement by any employee, contractor, subcontractor, or agent of one Party shall in no case render such person an employee, contractor, subcontractor, or agent of the other Party.

ARTICLE IX
Legal Considerations and Relationship to Other Agreements

1. Activities under this Agreement shall be subject to the applicable laws, regulations, and policies of each Party and subject to the availability of funds.

2. This Agreement is without prejudice to rights and obligations of the Parties under existing bilateral and multilateral agreements.

ARTICLE X
Dispute Settlement

Any differences that arise in the interpretation or application of the provisions of this Agreement or any Annual Operating Plan negotiated pursuant hereto shall be resolved by the Parties by means of negotiations and consultations.

ARTICLE XI
Final Provisions

1. This Agreement shall enter into force upon signature by the Parties and shall remain in force for five years.

2. This Agreement may only be amended or extended by mutual, written agreement of the Parties, and such agreement shall specify the date upon which such amendments shall take effect.

3. This Agreement may be terminated at any time by either Party upon six months written notice to the other Party.

4. The termination of this Agreement shall not affect the implementation of any fire suppression effort being carried out under this Agreement at the time when it was in force.

Signed in Mexico City, this fourth day of June, 1999, in three originals, in the English and Spanish languages, all texts being equally authentic.

FOR THE UNITED STATES
DEPARTMENT OF INTERIOR

/s/ Bruce Babbitt
Secretary

FOR THE SECRETARIATE OF ENVIRONMENT, NATURAL RESOURCES, AND FISHERIES OF THE UNITED MEXICAN STATES

/s/ Julia Carabias Lillo
Secretary

FOR THE UNITED STATES
DEPARTMENT OF AGRICULTURE

/s/ Anne Kennedy
Deputy Under Secretary for
Environment and Natural Resources

Article XI is amended such that the Agreement is extended for an additional ten years, and said extension shall take effect on June 4, 2004. All other amendments shall take effect immediately.

Approving signatures by respective agencies and an Amendment to this Agreement is located on the following page.

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AMENDMENT TO THE WILDFIRE PROTECTION AGREEMENT BETWEEN THE DEPARTMENT OF THE INTERIOR AND THE DEPARTMENT OF AGRICULTURE OF THE UNITED STATE OF AMERICA AND THE SECRETARIAT OF ENVIRONMENT, NATURAL RESOURCES, AND FISHERIES OF THE UNITED MEXICAN STATES FOR THE COMMON BORDER

Pursuant to its Article XI, the Wildfire Protection Agreement between the Department of the Interior and the Department of Agriculture of the United States of America and the Secretariat of Environment, Natural Resources, and Fisheries of the United Mexican States for the Common Border, signed in Mexico City on June 4, 1999, is hereby amended in the following manner:

The title of the Agreement is amended to be The Wildfire Protection Agreement between the Department of the Interior and the Department of Agriculture of the United States of America and the Secretariat of Environment and Natural Resources and the National Forestry Commission of the United Mexican States for the Common Border.

The Preamble is amended such that the "Parties" to the agreement are the Department of the Interior and the Department of Agriculture of the United States of America and the Secretariat of Environment and National Resources and the National Forestry Commission of the United Mexican States.

Article XI is amended such that the Agreement is extended for an additional ten years, and said extension shall take effect on June 4, 2004. All other amendments shall take effect immediately.

DONE at Washington, this twelfth day of November, 2003, in the English and Spanish languages, both texts being equally authentic.

FOR THE UNITED STATES
DEPARTMENT OF INTERIOR

/s/ Gale S. Norton

FOR THE UNITED STATES
DEPARTMENT OF AGRICULTURE
FOREST SERVICE

/s/ James R. Moseley

FOR THE SECRETARIAT OF ENVIRONMENT
AND NATURAL RESOURCES OF THE
UNITED MEXICAN STATES

/s/ Alberto Cardenas

FOR THE NATIONAL FORESTRY COMMISSION
OF THE UNITED MEXICAN STATES

/s/ Manuel Reed Segovia

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41.8 Mexico Support – Operational Guidelines

NATIONAL GUIDELINES FOR LOCAL OPERATING PLANS FOR THE WILDFIRE AGREEMENT BETWEEN THE DEPARTMENT OF THE INTERIOR AND THE DEPARTMENT OF AGRICULTURE OF THE UNITED STATES OF AMERICA AND THE SECRETARIAT OF ENVIRONMENT AND NATURAL RESOURCES OF THE UNITED MEXICAN STATES FOR THE COMMON BORDER

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NATIONAL GUIDELINES FOR LOCAL OPERATING PLANS

I. PURPOSE

These National Guidelines for Operating Plans provide a template for preparing Annual Local Operating Plans per Article VII, of the *Wildfire Protection Agreement between the Department of the Interior, Department of Agriculture of the United States of America, and the Secretariat of Environment, Natural Resources, and Fisheries (SEMARNAP) of the United Mexican States for the Common Border* (hereinafter referred to as the Agreement).

The primary intent of this Agreement is to provide cross-border fire suppression support for wildfires in one country that may become a threat to the resources of the other country.

NOTE: Since the original signing of this Agreement in 1999, SEMARNAP has become the Secretariat for Environment and National Resources (SEMARNAT). Fisheries is now a part of another secretariat within the Mexican Government. The implementing organization under SEMARNAT, for this Agreement, will be the National Forestry Commission of Mexico (CONAFOR).

These National Guidelines for Local Operating Plans are designed to insure U.S. agencies responsible for wildfire management along the U.S./Mexican border and within the zone of mutual assistance (the area up to 10 miles or 16 kilometers either side of the international border) annually define procedures which describe the operational relationships with Mexican agencies responsible for wildfire management within the zone of mutual assistance.

These guidelines are not intended to address other fire management activities which may be undertaken by U.S. agencies under Article I, Paragraph 2, or identified in Article VII, Paragraph 3, of the Agreement.

II. AUTHORITY

The Agreement was concluded by an exchange of signatures on June 4, 1999, and by the exchange of signatures amending this Agreement on November 12, 2003. These National Guidelines for Local Operating Plans are prepared in accordance with Article VII of the Agreement.

III. GENERAL BACKGROUND

Local Operating Plans (LOPs) should first and foremost be based on procedures that insure safe operations for all firefighters and the public.

LOPs will be prepared, pursuant to Article VI of the Agreement, in consultation with the local office of the Department of Homeland Security's Customs and Border Protection.

LOPs will be reviewed and approved by the Southwest Area Coordination Center, the Southern Area Coordination Center, and the Southern California Area Coordination Center as appropriate. These three Geographic Area Coordination Centers will in turn incorporate these LOPs into their Geographic Area Mobilization Guides.

Upon completion of the LOPs, the Geographical Area Coordination Centers will share their plans with the appropriate Mexican officials. The National Interagency Coordination Center (NICC) will share all the LOPs with the CONAFOR national office.

A. Requests Inside Zone of Mutual Assistance

Requests to cross into the Zone of Mutual Assistance within Mexico to suppress wildfires identified to be a threat to U.S. resources will be channeled to the appropriate authorized Mexican official for approval per LOPs. The request to enter Mexico will be communicated to CONAFOR through the procedures outlined above.

Requests for assistance from CONAFOR for fires that CONAFOR has identified as potential threats to U.S. resources will follow similar procedures as outlined above.

Requests from Mexico for assistance within the Zone of Mutual Assistance for fires which are *not* a threat to U.S. resources will be forwarded to authorized officials within the local zone or Geographic Area Coordination Center for a determination of the action to be taken on the request.

When there is competition for fire fighting resources between wildfires within a zone or its Geographic Area, and for fire fighting resources within the Zone of Mutual Assistance inside Mexico, the Geographic Area Multi-Agency Coordinating Group will establish priorities.

When there is competition for fire fighting resources between Geographic Areas and for fires within the Zone of Mutual Assistance, the National Multi-Agency Coordination Group (National MAC Group) at the National Interagency Fire Center (NIFC) will establish geographic priorities.

The standard criteria to be used in establishing priorities for any of the above circumstances are:

1. Imminent threats to human life.
2. Threats to U.S. property and resource values.
3. Social/political and economic concerns.

The following questions will help guide the Geographic Area and the National MAC Group's decisions:

1. Is the wildfire an immediate threat to lives within the Zone of Mutual Assistance?
2. Is the wildfire an immediate threat to U.S. property and/or resources?
3. Will the cross-border mobilization adversely affect the agencies ability to respond to a domestic incident/emergency?
4. Will the wildfire assignment involve significant health and safety threats to U.S. personnel?
5. Will large numbers of firefighting resources be requested for a long duration assignment?

B. Requests Outside Zone of Mutual Assistance

Requests from CONAFOR or a designated authority within Mexico, for the commitment of U.S. wildfire suppression resources *outside* the zone of mutual assistance will be forwarded from the local zone dispatch receiving the request through the Geographical Area Coordination Center (GACC) to the Manager of the National Interagency Coordination Center (NICC). The NICC Manager will notify the National MAC Group and the Forest Service's Disaster Assistance Support Program (DASP) of the request. DASP will notify the U.S. Agency for International Development's Office of Foreign Disaster Assistance (OFDA). OFDA will coordinate the request with the U.S. Embassy

in Mexico City. The U.S. Embassy will work directly with the Mexican Government to determine if the use of U.S. wildfire suppression resources is warranted. If the U.S. Embassy authorizes consideration of the request, the National MAC Group will decide if there is sufficient fire fighting resources to meet the U.S. requirements as well as the Mexican request, using normal prioritization criteria as when there is competition for resources between geographic areas and within the Zone of Mutual Assistance inside Mexico.

U.S. requirements for assistance from Mexico outside the Zone of Mutual Assistance will be forwarded to the NICC Manager at the National Interagency Fire Center. The NICC Manager will work with the National MAC Group to decide if such a request will be approved. If approved, the NICC Manager will coordinate the request for assistance through CONAFOR's national office.

C. Use of Non-Signatory Personnel

The Agreement, for which these local operating plans are written, is between SEMARNAT/CONAFOR, a federal agency within Mexico, and the Departments of Agriculture and Interior. This Agreement is subject to federal laws and regulations and, therefore, State, local, or private wildfire suppression resources may not be used to implement this Agreement. This is due to the fact that master agreements between States and the Forest Service's State and Private Forestry Office, are not valid for fighting fire outside the U.S. (See Agreement, Article III.2.)

IV. SPECIFIC ELEMENTS OF LOCAL OPERATING PLANS

A. Designated Points of Contact

LOPs will include appropriate points of contact along that portion of the Zone of Mutual Assistance that borders Mexico. Those points of contact should include, but are not limited to:

1. U.S. Customs and Border Protection.
2. Equivalent Government of Mexico offices along the border.
3. CONAFOR offices within Mexico.
4. State, municipal, non-federal offices of involved agencies within Mexico.

B. Request Criteria

LOPs will identify the specific criteria and procedures for receiving, evaluating, and approving requests for wildfire protection resources and for requesting resources from Mexico. These criteria and procedures must be consistent with *III.A. and B.* of these Guidelines.

LOPs will identify what briefing material and which agencies will develop and be prepared to present adequate briefing sessions prior to deployment of personnel to fires within the Zone of Mutual Assistance in Mexico. LOPs will also identify a debriefing process prior to demobilization of personnel.

LOPs will define how U.S. agencies assigning personnel to fires within the Zone of Mutual Assistance will certify that the personnel assigned to meet the requirements of the positions they are filling.

LOPs will state that all U.S. wildfire suppression personnel assigned to fires in Mexico within the Zone of Mutual Assistance will wear and carry standard fireline/aircraft personal protective equipment as directed by U.S. fireline safety standards and regulations.

C. Mobilization

LOPs will include mobilization procedures and timeframes for sending and receiving resources. The procedures will include the necessary requirements and legal documentation which must be completed by agencies of both governments in order to expedite cross-border movement of people, equipment, supplies, and aircraft.

D. Communications

LOPs will include communications procedures for air to air, air to ground, and ground to ground for all agencies and resources involved in supporting cross-border activities. These procedures will involve, but not limited to, the offices and agencies listed in IV.A.

E. Reporting and Recordkeeping

Any cross-border deployment of resources within the Zone of Mutual Assistance must be reported as an incident using the normal reporting formats and procedures. The Chief-of-Party for the deployment resources should submit information equivalent to an ICS-209 to the dispatching office. The Zone Office will then submit the information through the normal coordination system reporting channels. Local zone dispatches will also exchange this information with CONAFOR or authorized counterparts in Mexico during periods of resource exchanges.

After incident actions are complete, local zone dispatches will exchange fire reports with the appropriate CONAFOR or authorized office for actions taken within the Zone of Mutual Assistance.

F. Reimbursement

Unless otherwise identified in LOPs, the conditions and procedures for reimbursement will follow Article IV of the Agreement.

G. Cross-Waiver of Claims

LOPs must have cross-waiver terms consistent with Article V of the Agreement.

V. ADMINISTRATIVE PROCEDURES

LOPs should be reviewed yearly and updated as needed. LOPs should be on file at the local /zone coordination center and the Geographic Area Coordination Center.

The signatories for the LOPs should be those Federal agencies of the Department of the Interior and the Department of Agriculture with direct wildfire management authority or support responsibilities along that portion of the border covered by the operating plans.

VI. SPECIAL CONSIDERATIONS FOR THE USE OF AIRCRAFT

LOPs will include procedures stating that aircraft under contract to the U.S. Forest Service and/or Office of Aircraft Services assigned to fires in the Zone of Mutual Assistance will respond under the following guidelines:

1. All aircraft operations will be conducted under appropriate Forest Service and/or Office of Aircraft Services (OAS) or agency contract regulations.

2. Air tankers will operate under the supervision of a qualified Air Suppression Module 1 and/or Air Tactical Group Supervisor.

3. All aircraft sent to fires within the Mexican Zone of Mutual Assistance will meet the CONAFOR specifications for standards and pilot qualifications, and at the discretion of CONAFOR, will be inspected prior to being deployed into Mexico.

4. Suppression aircraft may include restricted category aircraft. At the time of dispatch, permission must be received from CONAFOR prior to airspace entry.

5. All U.S. contract or agency aircraft will operate from facilities within the U.S. Landings (other than emergencies and to pick up and drop off U.S. Sending Agency personnel) are not authorized within the Zone of Mutual Assistance.

6. All aircraft will follow normal U.S. Customs re-entry procedures.

7. Only air tankers identified by U.S. Forest Service Office of Fire and Aviation and approved by CONAFOR will be allowed to support fires within the Zone of Mutual Assistance.

8. For requests from Mexico for the use of aviation resources outside the Zone of Mutual Assistance, the same procedures as outlined in Section III.B. of these National Guidelines for Local Operating Plans will be used.

9. Aircraft investigation procedures will be coordinated with the appropriate Mexican agencies involved at the time of the incident/accident.

VII. AUTHORIZATION AND AMENDMENTS

The authorizing officials for these National Guidelines for Local Operating Plans are the members of the National Multi-Agency Coordinating Group through their signatures in the National Interagency Mobilization Guide. These Guidelines may be amended at any time with the concurrence of participating agencies. CONAFOR and NIFC will be responsible for providing each other the names of the U.S. and Mexican authorizing officials by January 15 each year.

42 Interagency Agreements

42.1 Memorandum of Understanding between the Department of Defense and the Departments of Agriculture and the Interior

MEMORANDUM OF UNDERSTANDING
BETWEEN
THE DEPARTMENT OF DEFENSE
AND
THE DEPARTMENTS OF AGRICULTURE AND THE INTERIOR

I. PURPOSE

This Memorandum of Understanding establishes general guidelines concerning the furnishing of assistance by Department of Defense (DOD) components at the request of Boise Interagency Fire Center (BIFC) (A Federal Interagency Fire Coordination Center under control of the Departments of Agriculture and the Interior) in forest and grassland fire emergencies occurring within the continental United States (48 contiguous states).

II. RESPONSIBILITIES

A. This Memorandum of Understanding does not supersede or modify the existing mutual aid agreement procedures between individual military installations and States. The Forest Service (FS), Department of Agriculture, has statutory responsibility for protection of the National Forests from damage by wildfire and for cooperation with the States in the protection of forest and watershed lands from fire. FS at BIFC will provide national coordination and logistical support for interregional fire control action.

B. Agencies of the Department of the Interior [Bureau of Land Management (BLM), National Park Service (NPS), Bureau of Indian Affairs (BIA), and U.S. Fish and Wildlife Service (FWS)] have statutory responsibility for protection of land under their respective administration from damage by wildfire. The Bureau of Land Management (BLM) at BIFC provides logistical support to the initial attack capabilities of its Districts including coordination of fire control efforts in the twelve; Alaska, Arizona, California, Colorado, Idaho, Montana, Nevada, New Mexico, Oregon, Utah, Wyoming, Washington; Western States. BLM at BIFC also provides logistical support in fire control to the National Park Service, Bureau of Indian Affairs, and U.S. Fish and Wildlife Service.

C. When military assistance is furnished to BIFC in fire emergencies, such assistance will be deemed to have been furnished pursuant to Section 601 of the Economy Act of 1932, as amended (31 U.S.C. 686).

D. The BIFC is responsible for providing national coordination and logistical support for Federal interagency fire control actions.

1. BIFC is staffed by Federal interagency personnel whose facilities are collectively combined to carry out their parent Department's fire responsibilities and who collaborate and cooperate in the solution of fire problems of mutual concern.

2. BIFC will act as liaison between Federal and, when requested, State agencies as regards their requirements for military assistance in suppressing forest or grassland fires.

3. BIFC shall establish and maintain contact with each CONUS Army Headquarters to develop local procedures and to maintain information on military capabilities for emergency assistance.

E. As outlined in DOD Directive 3025.1, the Secretary of the Army has been designated DOD Executive Agent for military support in disasters within the 50 States, the District of Columbia, Commonwealth of Puerto Rico, U.S. possessions and territories, or any political subdivision therefore. The Secretary enters into this Memorandum of Understanding on behalf of the Department of the Army, Navy, Air Force, and DOD agencies, referred to hereafter as DOD Components, which may be requested to provide disaster assistance to Federal agencies and States through the BIFC.

F. The Federal Disaster Assistance Administration (FDAA), Department of Housing and Urban Development, is responsible for coordination of all Federal disaster assistance provided under the authority of the Disaster Relief Act of 1974 (PL 93-288) and Executive Order 11795, 11 July 1974 (hereinafter referred to as the Act).

III. POLICY

It is the policy of the DOD to provide emergency assistance to Federal agencies in the form of personnel, equipment, supplies, or fire protection services in cases where a forest or grassland fire emergency is beyond the capabilities of the resources available. There are two situations in which the DOD, consistent with Defense priorities, will provide such assistance:

A. At the Request of the BIFC – When, in the determination of the BIFC, military assistance is required and justified in order to suppress wildfire. This includes requests for assistance for fires on Federal property, as well as fires on State or private lands. Requests will include a statement to the effect that all available or suitable civilian resources have been committed and that requested support is not in competition with private enterprise.

B. Pursuant to the Act – When a forest or grassland fire on State or private land is declared a major disaster or a determination for emergency assistance is made by the President and the required military support is requested by the Federal Coordinating Officer (FCO) or FDAA Regional Director. The Act is not normally involved for incidents or related incidents occurring on Federal property.

IV. OPERATIONAL PROCEDURES AND FUNDING

A. The procedures set forth below will be followed when assistance is rendered under circumstances other than the Act:

1. All requests for forest or grassland fire assistance from Federal and State agencies should be submitted through the BIFC. BIFC will then submit the requests to the commander of the appropriate CONUS Army. However, when a fire emergency is so serious that adherence to normal

request channels would significantly endanger life or result in great loss of property, Federal or State agencies may make requests for assistance directly to the commander of the nearest military installation. As soon as they situation permits, the BIFC will be notified and normal procedures established by the requesting agency.

2. Upon receipt of a request for assistance from the BIFC, the CONUS Army Commander will provide the required support from either Army assets or from other DOD component assets, as required. Normal DOD disaster relief procedures will be followed and every effort will be made to expedite the provision of the requested support.

3. The Department of Agriculture (FS) and the Interior (BLM, NPS, BIA, and FWS) will promptly reimburse the DOD for all costs incurred in furnishing the requested assistance as are in addition to the normal operating expenses of the personnel, equipment, and resources involved without requirements of audit. (See U.S.C. 686 (a) 0.) Such costs will include additional personal services of military and civilian employees, travel, and per diem expenses for military and civilian personnel, and other expenses to include transportation of supplies, materials, and equipment furnished and not returned or damaged beyond economical repair; and costs of repairing or reconditioning non-consumable items returned.

4. Each request submitted by BIFC will carry an appropriate identifying number (Fire Order Number), which will be utilized by the CONUS Army furnishing the assistance to maintain an accurate record of all expenses incurred in fulfilling that request. Billings attributable to each fire order will be submitted on Standard Form 1080, Voucher for Transfer Between Appropriation and/or Funds.

5. Billings by DOD components for the cost of assistance furnished will be forwarded by the CONUS Army to BIFC for distribution to the agency responsible for reimbursement. Primary responsibility for reimbursement rests with the Departments of Agriculture and the Interior. Payments, however, will be made directly to the appropriate CONUS Army, with a copy of the payment voucher or other suitable document being furnished to BIFC to indicate that payment has been made.

6. Charges for personal services, materials, and/or equipment furnished will be governed by applicable DOD directives and implementing regulations.

7. Charges will be made for costs incurred in withdrawing materials and equipment from and returning them to depot stock. Damages to equipment will be charged on the basis of costs of repairing or reconditioning the equipment and placing it in a good condition as when loaned. The DOD components concerned will furnish all needed repair material and perform all necessary repair and maintenance work. Charges for equipment destroyed will be on the basis of current replacement costs for an item in a condition similar to that immediately prior to destruction. (30 Comptroller General 295 and Comptroller General B146588, 8/29/61.)

8. In the event that the actual costs of furnishing requested assistance significantly differ from the standard costs or rates of charge specified in appropriate directives described in IV.A.6. above, it is mutually agreed that appropriate adjustments of charges will be made on the basis of actual costs. It is further agreed that where the extent of assistance provided requires an increase in the overall operation costs of the military agency involved, reimbursement will also cover these relevant increases in costs. Due consideration shall be given to the unusual costs involved in the expeditious transport of personnel, supplies, and equipment necessitated by emergency conditions (e.g., airlift, airdrop, ship-to-shore, float-in operations, etc.) and claims for the costs of such emergency operations shall be deemed valid and to constitute proper claims for reimbursement.

9. All charges for services or materials as specified above will be accumulated against appropriate reimbursable orders and cross-referenced to each Fire Order issued by BIFC. In the interest of convenience and economy, if the total accumulated charges for any single incident covered by one or more Fire Orders does not exceed $100, billing by the respective DOD components concerned will be waived.

B. The procedures set forth below will be followed when assistance is rendered pursuant to Public Law 93-288:

1. When requesting assistance in connection with fire emergencies for support to State or private lands which have been declared "major disasters" or emergencies, the State Officials will submit their requests to the FDAA Regional Director/Federal Coordination Officer.

2. The FDAA Regional Director/Federal Coordination Officer should request military assistance from the appropriate CONUS Army commander in accordance with existing procedures.

3. Military assistance will be provided in accordance with the policies and procedures established in DOD Directive 3025.1 and other appropriate directives.

4. Reimbursement to DOD for personnel, supplies, and services furnished will be made by FDAA pursuant to the provisions of Public Law 93-288 and the Code of Federal Regulations, Title 24, Chapter 13, Part 2205. This Memorandum rescinds June 1971 Memorandum of Understanding between the Department of Defense and the Department of Agriculture.

V. SUPPLEMENTAL AGREEMENT

Subordinate components of the DOD are authorized to enter into supplemental agreements with BIFC to implement provisions of this Agreement. All such agreements will be documented on DD Forms 1144; and where such agreements involve recurring support, the participating DOD components will process such forms to the retail inter-service support data bank in accordance with the applicable provisions of DOD Directive 4000.19-M.

VI. RESOLUTION OF DISAGREEMENTS

When disputes or unique situations produce stalemates, DOD components and the BIFC will promptly submit jointly-signed statements of disagreement to the DOD Executive Agent for resolution.

VII. EFFECTIVE DATE

The Memorandum is effective as of the date it is signed below and shall remain in effect until specifically rescinded; however, the provisions hereof relative to operational procedures and funding and financial procedures shall be reviewed biennially by designated representatives of the respective signatories to determine whether the agreements contained herein should be continued, modified, or terminated.

APPROVED FOR U.S. DEPARTMENT OF AGRICULTURE

/s/ Earl L. Butz Date: 1/10/75

APPROVED FOR U.S. DEPARTMENT OF THE INTERIOR

/s/ Stanley K. Hathaway Date: 6/26/75

APPROVED FOR DEPARTMENT OF DEFENSE

/s/ Howard H. Calloway Date: 4/25/75

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42.2 Memorandum of Understanding between Department of the Army/DOD Executive Agent and Boise Interagency Fire Center

NOTE: This document is superseded by the INTERAGENCY AGREEMENT for the PROVISION OF TEMPORARY SUPPORT DURING WILDLAND FIREFIGHTING OPERATIONS signed July, 2005. This document is located on the Internet at: http://www.nifc.gov/news /nicc.html.

MEMORANDUM OF UNDERSTANDING BETWEEN DEPARTMENT OF THE ARMY/DOD EXECUTIVE AGENT AND BOISE INTERAGENCY FIRE CENTER

I. PURPOSE

This Memorandum of Understanding (MOU) established guidelines to be employed for the utilization of Department of Defense (DOD) helicopter assets and crew selection in support of the Boise Interagency Fire Center (BIFC) in its role of providing national coordination and logistical support for Federal interagency fire control actions. It is an interim document to be utilized until the procedures established are incorporated as appendices to revisions of the existing MOU between signatories.

II. RESPONSIBILITIES

A. The relationship of DOD and BIFC during fire emergencies is described in an MOU between DOD and the Department of Agriculture (DOA) and the Department of Interior (DOI), Appendix B to AR 500-60. The Secretary of the Army, in his role as the DOD Executive Agent, will provide emergency assistance through Commander in Chief, Forces Command (CINCFOR); Commander in Chief, Atlantic Command (USCINCLANT); and Commander in Chief, Pacific Command (USCINCPAC); as the Operating Agents, to suppress wildfire within their respective Areas of Operation.

B. This Memorandum is a product of joint operational experience by FORSCOM aviation assets working with the DOA Forest Service (USFS) National Aviation Office and the DOI Office of Aircraft Services (OAS) on 1988 and 1989 forest fires and is to be used as a guide in the request, provision, and utilization of DOD helicopter assets.

III. OPERATIONAL PROCEDURES

A. BIFC will submit all requests for helicopter support to the proper CONUS Army Commander IAW existing operational procedures. For the purpose of this MOU, the terms Interagency, Agency, BIFC, DOA, USFS, and DOI are analogous.

1. Mission type requests will be utilized by BIFC to solicit military helicopter support. Specific mission requirements (number of passengers, cargo volume and weight, number of sorties, distances, operating altitudes, and the anticipated number of operational helicopters desired) are requested.

2. Upon receipt and analysis of the aviation task/mission, CINCFOR will task organize the aviation support package to meet the Interagency requirement contingent upon availability of resources.

3. Military pilots assigned in the aviation support task force will have a minimum of 500 hours of Pilot (P) time logged on appropriate Service's Individual Flight Records Certificates to be designated as a Pilot-in-Command (PIC) for interagency support missions. Crew selections for aviation support to the DOD task force will be at the discretion of the aviation task force command or Defense Coordinating Officer (DCO).

B. Interagency Special Use Aviation Missions. Flight crews assigned to perform a Special Use Mission will meet military/Service standards for that specific mission. A flight crew member who has experience in a mountainous, high density, fire flying environment is desirable on Special Use Missions. The following are defined as Interagency Special Use Missions:

1. High altitude/mountain flying operations.
2. Pinnacle and ridge line operations.
3. External sling load operations.
4. External water bucket operations.
5. Low level reconnaissance/observation/spotting.

C. Military/Service standards for transportation of passengers, carrying of internal cargo, and transportation of external cargo (sling load) operations will be accepted as meeting mission requirements for interagency use.

1. Military units that have water bucket training as a Special Mission Task for their pilots and who have pilots trained, qualified, and current for water bucket operations at the altitudes/environment of the fires are sanctioned as meeting mission requirements for interagency support.

2. Should the DOD Aviation Task Force Commander require additional water bucket capability, those military assets that do not have water bucket training as an existing Special Mission Task may have their Instructor Pilot (IP) trained by an Interagency Instructor Pilot. After certification, current IPs will train and qualify military pilots to interagency standards for water bucket operations. Specialized aircraft and crews will not be required to obtain water bucket qualification.

D. The Aviation Task Force/Unit Commander or his designated representative will review all aspects of assigned missions/tasks to include crew selection, safety considerations, landing zone selection, etc. Based upon this review, the specific mission will be accepted, delayed, or declined as appropriate. Safety will not be compromised.

E. An Interagency Helicopter Manager will be available to each cargo helicopter flight crew and will be physically present in the aircraft, as required, to provide liaison between the agency and the military operator.

IV. SAFETY

A. Units participating in aviation missions will ensure that operations are conducted in a safe manner in accordance with common sense, interagency guidance, unit SOPs, and the appropriate Service Aircrew Training Manual. Aviation support of

fire fighting operations is not to be considered an emergency or combat related scenario; it is an operational, peacetime requirement. Flight safety standards will be emphasized to all crew members and will not be compromised.

B. In the event of an incident or accident, the agency will assist the military in securing the site. The appropriate Service will conduct the formal accident investigation. Appropriate agencies will provide expertise to assist and provide liaison to the military investigation team as required.

V. INDEMNIFICATION

DOD support to BIFC is Federal support between governmental agencies. Agencies of the Federal Government are self insured. Insurance issues applicable to Interagency civilian aviation crews do not apply to the military. The Aviation Task Force Commander certifies that all DOD aviation crew members are properly trained, qualified, and current in the mission tasks being performed by the DOD.

VI. RESOLUTION OF DISAGREEMENTS

When disputed or unique situations produce stalemates, the Aviation Task Force Commander and agency Aviation Manager, or their agents, on site will attempt to resolve the issue. Unresolved issues will be IAW the existing MOU, Paragraph II.A. above.

VII. EFFECTIVE DATE

This Memorandum is effective as of the date signed and will remain in effect until specifically amended, rescinded, or incorporated in other documents.

VII. SUMMARY

This Memorandum of Understanding (MOU) established guidelines to be employed for the utilization of Department of Defense (DOD) helicopter assets and crew selection in support of the Boise Interagency Fire Center (BIFC) in its role of providing national coordination and logistical support for Federal interagency fire control actions. Original signed documents are on file at DOA, DOI, and DA.

APPROVED FOR THE DEPARTMENT OF AGRICULTURE, FOREST SERVICE:

/s/ Fred A. Fuchs Date: 9/07/90
ASSISTANT DIRECTOR
FIRE AND AVIATION MANAGEMENT

APPROVED FOR THE DEPARTMENT OF THE INTERIOR:

/s/ Robert L. Peterson Date: 9/13/90
DIRECTOR
OFFICE OF AIRCRAFT SERVICES

APPROVED FOR THE DEPARTMENT OF DEFENSE, EXECUTIVE AGENT:

/s/ Susan Livingstone Date: 8/08/90

ASSISTANT SECRETARY OF THE ARMY
(INSTALLATIONS, LOGISTICS, AND ENVIRONMENT)

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42.3 Interagency Agreement for Fire Management between the Bureau of Land Management, Bureau of Indian Affairs, National Park Service, U.S. Fish and Wildlife Service of the United States Department of the Interior and the Forest Service of the United States Department of Agriculture

INTERAGENCY AGREEMENT FOR FIRE MANAGEMENT BETWEEN THE BUREAU OF LAND MANAGEMENT BUREAU OF INDIAN AFFAIRS NATIONAL PARK SERVICE U.S. FISH AND WILDLIFE SERVICE OF THE UNITED STATES DEPARTMENT OF THE INTERIOR AND THE FOREST SERVICE OF THE UNITED STATES DEPARTMENT OF AGRICULTURE

BLM AGREEMENT NO.: 1422RAI03-0001
BIA AGREEMENT NO.: AG 2002-K097
NPS AGREEMENT NO.: F0001-03-0011
FWS AGREEMENT NO.: 93252-3-H-001
FS AGREEMENT NO.: 02-IA-11132543-21

I. INTRODUCTION

Fire management in the nation's wildlands is an on-going concern to the American public and to the land management bureaus of the Department of the Interior and the Department of Agriculture, Forest Service, hereafter "agencies." Considerable progress has been made in fire management planning, fire use, and fire suppression by all agencies and continued progress can be achieved by concerted cooperation and coordination among the agencies. Because fire recognizes no boundaries, programs must lead to more productive cooperation and efficient operations among these agencies.

II. AUTHORITY

A. Protection Act of 1922 (16 U.S.C. § 594).
B. Reciprocal Fire Protection Act of May 17, 1955 (69 Stat. 66; 42 U.S.C. § 1856a).
C. Economy Act of June 30, 1932 (47 Stat. 417; 31 U.S.C. § 1535), as amended.
D. Federal Land Policy and Management Act of 1976 (43 U.S.C. § 1702).
E. National Park Service Organic Act of August 1916 (16 U.S.C. § 1).
F. National Wildlife Refuge Administration Act of June 27, 1998 (16 U.S.C. § 668dd).
G. Disaster Relief Act of 1974 (42 U.S.C. § 1521).
H. National Indian Forest Resources Management Act of 1990 (25 U.S.C. § 3101).
I. Cooperative Forestry Assistance Act of 1978 (P.L. 95-313, 92 Stat., 365 as amended; 16 U.S.C. § 2101 (note), 2101-2103, 2103a, 2103b, 2104-2105).

III. OBJECTIVE

A. To provide a basis for cooperation among the agencies on all aspects of wildland fire management and as authorized in non-fire emergencies.

B. To facilitate the exchange of personnel, equipment (including aircraft), supplies, services, and funds among the agencies.

IV. PROGRAM COVERAGE

The agencies agree to cooperate in the full spectrum of wildland fire management activities, and in non-fire emergencies as authorized, to achieve land management goals. Cooperative efforts shall be provided for at the national, geographical, and local levels to facilitate efficient use of personnel, supplies, equipment, training, public education, aviation services, and other resources. Activities may include, but are not limited to:

A. Prevention of human-caused wildland fires.
B. Training of personnel to agreed common standards.
C. Preparedness for wildland fire suppression.
D. Suppression of wildland fires.
E. Emergency stabilization and rehabilitation of areas burned by wildland fires, and may include Burned Area Emergency Rehabilitation (BAER) work.
F. Development and exchange of technology and databases.
G. Development and distribution of cost information.
H. Fuels management, including prescribed fires.
I. Identification and establishment of interagency fire management resources.
J. Development of annual local, geographical, and national operating plans.
K. Fire research, administrative/management studies, and technology development.
L. Interagency Joint Fire Science/Research and Management projects.
M. Rural fire assistance.

V. STATEMENT OF WORK

A. Agencies will develop mutually beneficial fire management plans, including activities previously identified in Section IV.

B. Agencies will develop cooperative arrangements to cover administrative and jurisdictional responsibilities that will provide for:

1. Use of closest forces and total mobility concepts for wildland fire suppression, including personnel, equipment, and supplies.

2. Development and use of fire equipment and supply caches compatible with total interagency requirements by local, geographical, and national needs.

3. Training to mutually agreeable common standards and curricula.

4. Mutually acceptable performance qualifications and standards for all fire management positions.

5. Mutual assistance for managing wildland fires that are managed for resource benefits.

6. Mutual assistance for conducting hazardous fuels reduction, wildland urban interface treatments, and ecosystem restoration and maintenance using prescribed fire.

C. Agency representative shall coordinate and exchange fire management plans to include information on available personnel, equipment, and supplies as necessary.

D. Agencies will mutually monitor fire suppression equipment and supplies to assure that proper distribution and quantities are on hand to meet the potential needs.

E. Unless otherwise provided for, an agency is expected to take prompt initial action, with or without request, on wildland fires within zones of mutual interest. Where one agency takes initial action in the protective unit of the other, the initial acting agency shall continue to fight the fire until relieved by an officer of the designated management agency.

F. When wildland fires burn on or threaten lands of more than one agency, joint planning will be conducted by local officials of the representative agencies to suppress the wildland fire.

VI. BILLING/PAYMENT PROCEDURES

A. Billing procedures for fire management activities are as follows:

1. Emergency Fire Suppression – Agencies shall not bill for services rendered to the signatory agencies of this Agreement, except by mutual agreement when an agency has exhausted all other provisions and resources for internally funding suppression activities.

2. Severity – Agencies shall not bill for services rendered pursuant to a Severity Request for wildland fire resources made by signatory agencies to this Agreement. "Severity Request" is defined as authority to access suppression funds on a case-by-case basis, in addition to preparedness funds to mitigate losses when abnormal fire conditions occur.

3. Fire Management Projects – Agencies may choose to bill one another by mutual agreement once they have exhausted all other provisions for internally funding mutual assists, as provided in A.7. below. (See activities listed in Section IV, Program Coverage.)

4. Fire Preparedness – Agencies may choose to bill one another by mutual agreement for fire program management and readiness activities paid with wildland fire preparedness funds.

5. Mobilization of State Fire Suppression Resources – The Forest Service will pay costs for Interstate assistance incurred by the State providing resources. Intrastate assistance will be paid by the receiving Forest Service/Interior agency as provided by local Federal agency/State Agreements.

6. Emergency Stabilization and Rehabilitation – Agencies shall not bill for fire rehabilitation planning services rendered by the signatory agencies

of this Agreement. Agencies may choose to bill one another by mutual agreement for fire rehabilitation implementation.

7. The Interior agencies have agreed to not reimburse one another for services rendered to one another under the budget activity codes for "Hazard Fuels Reduction Operations" and "Wildland Urban Interface", except as follows below in Paragraphs a. and b.:

a. Each Interior agency will retain reserve funds for these activities at the national, state, or regional levels that will be used to establish interagency assist accounts. Local field units can charge these assist accounts when they render assistance to neighboring agencies. If an agency exhausts its reserve funds for interagency assistance, projected deficiencies will be covered through interagency funding transfers, following normal departmental protocols.

b. The Interior agencies agree to use their assist accounts to provide project assistance to the Forest Service. The Forest Service agrees to establish comparable reserve funds at the regional or National Forest level that can be used to assist Interior agencies with Hazard Fuels Reduction and Wildland Urban Interface projects. Interior agencies and the Forest Service may seek reimbursement from each other once reserved funds have been exhausted and there is no opportunity to use reciprocal services to achieve performance targets.

B. Billing and collection procedures will follow the Intra-governmental Payment and Collection (PAC) System process.

C. Each agency shall, upon request, forward specific costs information for billings.

D. Indirect administrative surcharges will not be assessed by any signatory agency for preparedness activities performed for another agency.

E. Indirect administrative fees of signatory agencies for Fire Research and Development and Joint Fire Science Program administrative activities cannot exceed 15 percent for an agency's internal activities and 10 percent for pass-through activities. Fees in excess of these limits must be justified and have mutual agreement by the affected parties that are signatory to this Agreement.

VII. GENERAL PROVISIONS

A. Each agency shall make direct settlement from its own funds for all liabilities it incurs under this Agreement.

B. Parties to this Agreement are not obligated to make expenditures of funds under terms of this Agreement unless such funds are appropriated for the purpose by the Congress of the United States, or are otherwise legitimately available under the annual Appropriations Acts. If some extraordinary emergency or unusual circumstance arises that could not be anticipated and that could involve expenditures in excess of available funds for the protection of life or property, the affected agency or agencies shall immediately seek supplemental appropriations

or permission for reprogramming to meet their respective shares of such emergency obligations.

C. This Agreement will take effect on the date of the last signature. The Agreement shall remain in effect until September 30, 2008. Any signatory agency may terminate its participation in this Agreement by written notice to all other signatories provided that such notice shall be given between the dates of October 1 of any year and February 1 of the following year. The termination will become effective immediately upon the date of notice. Full credit shall be allowed for each party's expenses and all non-cancelable obligations properly incurred up to the effective date of termination. In such case, this Agreement will remain in force and effect with respect to the remaining signatory agencies.

D. Amendments and modifications to this Agreement may be initialed by any signatory agency. The amendments and modifications shall not take effect until documented and signed by all signatory agencies. The Bureau of Land Management is designated as the agency responsible for all administrative oversight of amendments and modifications to this Agreement.

E. Financial obligations, as warranted, under this Agreement, to accomplish activities under Section IV, must be approved for each agency by the responsible officers at the appropriate level operating within their authority, and funding will be obligated by task orders under this Agreement, except under IV.D., which will be accomplished through Resource Orders when required.

F. The *Reciprocal Fire Protection Act* specifically authorized the execution of agreements between agencies of the United States, and other agencies and instrumentalities for mutual aid in fire protection and other fire management purposes. An Economy Act Determination to support reimbursement is not required in these instances. The Economy Act applies when more specific authority does not exist, as stated in the *Federal Acquisition Regulations* (FAR) § 17.500 (b).

VIII. TASK ORDERS

A. Specific projects to be funded and performed under this Agreement shall be identified in separate task orders developed among the agencies involved in each project. Task orders will contain the following minimum information:

1. Detailed description of services to be performed or supplies to be delivered.
2. Description of the deliverables.
3. Time period for completion.
4. Target cost/price.
5. Identify responsible project officials for each agency.
6. Payment procedures will follow the Intra-governmental Payment and Collection (PAC) System process, which includes identification of codes, advance payments, or reimbursement.
7. Task Orders must be signed by authorized personnel with authority to obligate and commit funds for each agency.

B. Task Orders may be prepared in any format acceptable to the agencies involved in each project.

IX. WAIVER

Each party to this Agreement does hereby expressly waive all claims against the other party for compensation for any loss, damage, personal injury, or death occurring in consequence of the performance of this Agreement.

X. DURATION; SUPERSEDES PRIOR AGREEMENT

This Agreement is effective on the last date of execution and will remain in effect until September 30, 2008. This Agreement supersedes "The Interagency Agreement between the Bureau of Land Management, Bureau of Indian Affairs, National Park Service, U.S. Fish and Wildlife Service, of the United States Department of the Interior, and the United States Forest Service of the Department of Agriculture", effective February 20, 1997, and all amendments and modifications thereto.

/s/ J. M. Hughes for Date: 9/11/02
Kathleen Clarke, Director
Bureau of Land Management

/s/ Richard A. Harter Date: 10/01/02
Suprv. Contract Officer
Bureau of Land Management, NIFC

/s/ Dale N. Bosworth Date: 9/23/02
Chief
Forest Service

/s/ Terrance Virden Date: 9/24/02
Deputy Commissioner
Bureau of Indian Affairs

/s/ Steve Williams Date: 10/01/02
Director
Fish and Wildlife Service

/s/ Fran P. Mainella Date: 9/30/02
Director
National Park Service

42.4 Memorandum of Understanding between the United States Department of Agriculture Forest Service and the United States Department of the Interior – Bureau of Land Management, Bureau of Indian Affairs, National Park Service, Fish and Wildlife Service, and Bureau of Reclamation (Law Enforcement)

MEMORANDUM OF UNDERSTANDING
BETWEEN THE
UNITED STATES DEPARTMENT OF TH AGRICULTURE
FOREST SERVICE
AND THE
UNITED STATES DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT
BUREAU OF INDIAN AFFAIRS
NATIONAL PARK SERVICE
FISH AND WILDLIFE SERVICE
BUREAU OF RECLAMATION (LAW ENFORCEMENT)

1. Background and Policy. Pursuant to the Memorandum of Agreement (Master Agreement) signed by the Secretaries of Agriculture and Interior (the Secretaries), dated February 27, 1990, and Titles 16 U.S.C. 1a-6, 43 U.S.C. 1733, 16 U.S.C. 7421(b), 25 U.S.C. Chapter 30, Section 2804 and 16 U.S.C. 559d(4), 559d , and 559g, it has been determined by all parties that the cross-designation of law enforcement officers will increase protection of the natural and cultural resources on public lands administered by the Secretaries, and is mutually beneficial, economical, and advantageous to the public interest. Accordingly, this Memorandum of Understanding (MOU) will service as the implementation document as directed by the Master Agreement. The Secretaries have determined that if cases where a specific need for law enforcement assistance and investigative support has been identified or where a law enforcement emergency or a violation in progress exists, it shall be mutually beneficial, economical, and advantageous to the public interest to cross-designate law enforcement officials within both Departments. In such instances, the procedures set out in this MOU shall apply for the cross-designation of authority between agencies.

2. Cross-Designation Defined. Cross-designation of law enforcement personnel means the vesting in a law enforcement office of one agency the full extent of law enforcement authority of another agency.

3. Scope of Law Enforcement Authority This Memorandum of Understanding shall authorize the cross-designation of law enforcement authority of the signatory agencies. Cross-designation of law enforcement officers under this MOU may take place across the range of, but may not exceed each agency's law enforcement responsibilities. Nothing in this MOU is intended to expand, limit, or in any way restrict the law enforcement authorities or any agency. Officers so designated shall have the law enforcement authority of the agency charged with administering the lands or territory for which the designation is made and shall be subject to all applicable limitations on that authority. This authority shall last until he/she is released from the detail. Requests for cross-designation shall be consistent with the requesting agency's internal procedures and subject to the following.

4. Procedures.

A. Investigative Support and Law Enforcement Assistance

1. Except as provided in Paragraphs 2 and 3 below, requests for cross-designation for investigative support and law enforcement assistance will be made by the Manager-In-Charge of the requesting unit to the Manager-In-Charge of the responding unit; e.g., Forest Supervisor to Park Superintendent, or Area Director to Regional Forester. This authority may be delegated by the Manager-In-Charge.

2. The request may be oral, and arrangements for determining reimbursement for expenses of the responding unit shall be agreed to in advance, or a case-by-case basis, by the agencies involved. An oral request will, in all cases, be followed by a written request and shall include arrangements for reimbursement of expenses under the Economy Act, 31 U.S.C. 1535.

3. No investigation, surveillance, or covert activity will be conducted independently by one agency on the lands administered by another agency without the concurrence of the Manager-In-Charge of the land in question, except when directed by a representative of the U.S. Attorney General or when authorized by statute.

4. Each agency may support another in conducting criminal, civil, and administrative investigations, as requested. The investigations may be pursuant to laws or regulations pertaining only to the requesting agency. When deemed necessary by the participating agencies, credentials may be issued to officers of other agencies which are party to this Agreement.

5. The agencies may loan and share communications equipment, frequencies, and other law enforcement equipment if such sharing is mutually determined to be necessary to effect efficient law enforcement operations and to ensure officer safety.

6. To the extent allowed by law, the agencies may cooperate in the establishment and operation of an interagency communications center. The extent of agency participation and the operating procedures of the center will be determined and set forth in a specific agreement.

B. Law Enforcement Emergencies

Any law enforcement officer/agent of a signatory agency may respond to an emergency request for assistance from another signatory agency and shall have the law enforcement authority of the requesting agency until the incident is over or the individual is relieved of the authority, unless continued assistance is required under the Investigative Support Section of this MOU. Emergency requests may be made officer-to-officer, in person, by radio, telephone, or through incident command systems. Request should be communicated to immediate supervisors as soon as possible. For the purpose of this MOU, the term “emergency” will mean an immediate threat to persons, property, or resources.

C. Violations in Progress

In many instances, such as when signatory agencies occupy neighboring jurisdictions, law enforcement personnel may encounter violations in progress on land administered by other signatory agencies. Accordingly, pursuant to local written supplemental agreements, a unit's Manager-In-Charge may authorize the officers/agents of another agency to take initial action on violations in progress or render assistance on such incidents when such actions are in the best interest of the public and/or the government and meet the criteria for which this MOU is executed. This authorization shall be in written form and shall detail the reasons for the authorization and the names or positions of the law enforcement personnel so designated. Appropriate limitations regarding the scope of authority of the designated personnel also must be included in this authorization.

D. Applicable to All Cross-Designations

1. In all cases, it shall be requesting agency's responsibility to supervise the exercise of authority by the officers/agents of the responding agency. It shall also be the requesting agency's responsibility to ensure that the officers/agents of the responding agencies adhere to the requesting agency's authority and standards and are familiar with how that authority is to be exercised.

2. Reimbursements

   (a) Cross-designation of law enforcement personnel pursuant to this MOU generally shall be accomplished through reimbursable transactions under the Economy Act, 31 U.S.C. 1535. The details of all cross-designations shall be recorded in written document maintained by the requesting agency.

   (b) Where cross-designation serves as an objective of all parties to the cross-designation, reimbursement under the Economy Act is not appropriate.

3. Any agency that is a party to this MOU may decline to provide assistance on a case-by-case basis.

4. This MOU shall remain in effect indefinitely.

5. Amendments to this MOU must be in writing and shall become effective upon written approval by all parties. Any agency wishing to terminate participation in the MOU shall provide all the signatory agencies with a written letter of their intent signed by the Agency head and stating a specific date of termination.

/s/ David Unger	/s/ SIGNATURE UNKNOWN
Chief, U.S.D.A. Forest Service	Director, National Park Service
Date: 4/05/94	Date: 1/06/93

/s/ Jim Baca
Director, Bureau of Land Management

Date: 1/04/94

/s/ Mollie H. Beattie
Director, U.S. Fish and Wildlife Service

Date: 3/14/94

/s/ Carol A. Bacon
Acting Deputy Commissioner
Bureau of Indian Affairs

Date: 12/28/93

/s/ Daniel Beard
Commissioner
Bureau of Reclamation

Date: 12/20/93

/s/ SIGNATURE UNKNOWN
Director of Operations

Date: 12/13/93

ADDENDUM

This MOU shall not restrict the investigative activities conducted by the U.S. Fish and Wildlife Service (Service), Division of Law Enforcement (Division), within the scope of its existing legislative authority. Unlike other Department of Interior Bureaus, the jurisdiction and responsibility of the Service's Division encompasses all lands and waters of the United States and its territories. The Division utilizes covert techniques to investigate and apprehend individuals involved in violation of wildlife law. Many of these covert investigations continue for several months or years before completion. For purposes of safety and security, Service investigations, particularly covert operations, will be conducted on a need-to-know basis only.

42.5 International Emergency Assistance Response Process – Operating Plan for USDA Forest Service

INTERNATIONAL EMERGENCY ASSISTANCE RESPONSE PROCESS AN OPERATING PLAN FOR USDA FOREST SERVICE

Introduction

A 1985 Agreement between the U.S. Agency for International Development/Office of U.S. Foreign Disaster Assistance (OFDA) and USDA/Foreign Agricultural Service/International Cooperation and Development (FAS/ICD) established the Disaster Assistance Support Program (DASP) within the Forest Service's International Programs Staff. DASP provides direct support to OFDA in the areas of disaster response, technical assistance, training, preparedness planning, and operational backing.

The purpose of this Operating Plan is to define the emergency response process whereby decisions are made and individuals and/or equipment and supplies are mobilized to assist OFDA on international disasters. It is important that roles and responsibilities are clearly understood so that the right people are informed in a timely manner, ensuring an effective, efficient response.

Decision Criteria

The decision to support or not support an international disaster emergency assistance request from OFDA will be made by the DASP. The following criteria will help guide the extent of the Forest Service involvement in international disaster assistance:

1. Is the emergency assignment to a potentially violent or unstable area? Is there adequate security?
2. Will the international mobilization adversely affect the Forest Service's ability to respond to a domestic emergency?
3. Will the type of disaster involve significant health and safety threats to FS personnel?
4. Will large numbers of personnel be requested for a long duration?

Decision Process for Fire and Aviation Management Resources

When the emergency assistance requested by DASP through OFDA is for Fire and Aviation Management resources (F&AM personnel or NIFC supplies/equipment), the procedure for approval is to contact only one of the following individuals in prioritizing order, and to provide that person with a situation report. DASP personnel will make this initial contact through the following call list:

1.	NICC Coordinator	(208) 387-5400
2.	Alice Forbes	(208) 387-5605
3.	Dale Dague	(202) 205-1500
4.	John Schulte	(505) 842-3252 (w) (505) 362-7014 (c)

NICC will contact others on the list or the WO Duty Officer, who will notify the Director F&AM of the request, the proposed response, and obtain a decision on Fire and Aviation Management involvement.

Deployment Procedures for Disaster Assistance Response Teams (DART)

A request for disaster response personnel typically follows the steps below:

1. DASP receives a request from OFDA for specific assistance on a DART or assessment team. The decision on the degree of FS participation is made by DASP. (Deputy Chief, State and Private Forestry decides for F&AM resources.)

2. If equipment or supplies are being requested, DASP prepares and provides a situation status report that includes a summary of personnel, equipment, and/or supplies being requested to F&AM. If the requested items come through NIFC, F&AM transmits the initial request to NIFC.

3. Identification of potential DART members who will be asked to respond to an international disaster is accomplished in several ways, depending on the nature of the assignment:

   A. Selection of DASP personnel to participate on the assignment.

   B. From the disaster responder database roster maintained by DASP. This includes identified individuals who have been trained by DASP who have appropriate skills for the particular function requested, such as logistics, communications, aerial operations, landslide hazards, etc.

   C. On a case-by-case basis, DASP may name request an individual from the Regions or NIFC based on a roster search, requirements for bilingual skills, prior international or country specific experience, or specialized skills or training.

4. Request for personnel is normally accomplished through the Regional Forester or F&AM (for F&AM resources).

5. DASP through FS/International Programs starts the official paperwork related to deployment (FAS/ICD is the back-up mechanism), including preparation of a DASP funded Travel Authorization (AD-202) for the employee's round-trip travel from home unit to the affected country, and sending cables and telegrams to foreign field offices for clearances. DASP contacts the employee concerning travel arrangements and to work out details related to deployment.

6. DASP contact International Programs' travel staff to secure Official Passports for travelers.

7. The base salary cost of an assignment will be negotiated.

8. Authorized and verified overtime on disaster response will be paid by OFDA through DASP. Overtime must specifically be authorized and approved by the DART Team Leader or USAID staff in the affected country and the Assistant Director for DASP. The Team Leader approves overtime on time sheets.

9. DASP and/or OFDA will maintain information on the location and status of personnel on disaster assignments and pass this information to the home units.

10. Monitoring and evaluating the disaster response and the changing conditions associated with the disaster concerning FS involvement is the responsibility of DASP.

11. A briefing in Washington, DC prior to departure will normally be scheduled. A debriefing in Washington may also be scheduled as necessary and determined by OFDA or DASP.

12. Reimbursement to the home unit of authorized employee overtime on the assignment is done by DASP through a job code upon receipt of overtime costs calculations from the home unit following the assignment.

13. Completed Travel Vouchers are submitted to DASP upon return from the assignment.

14. On rare occasions, FS employees may be deployed under a Travel Authorization issued by OFDA or FS directly. In that instance, DASP will issue a non-funded Travel Authorization.

15. The decision on an employee's availability ultimately rests with employee's home unit.

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42.6 Bureau of Land Management, Assistant Directorate – Resource Use & Protection, Office of Fire and Aviation Management, International Program

BUREAU OF LAND MANAGEMENT
ASSISTANT DIRECTORATE – RESOURCE USE & PROTECTION
OFFICE OF FIRE AND AVIATION MANAGEMENT

INTERNATIONAL PROGRAM

Request for International Assistance Operating Plan

Introduction

A 1985 Agreement between the U.S. Agency for International Development (USAID) and USDA's Foreign Agricultural Service/International Cooperation and Development (FAS/ICD) established a Disaster Assistance Support Program (DASP) within the Forest Service's International Programs Staff. DASP provides direct support to USAID's Office of Foreign Disaster Assistance (OFDA) in terms of disaster prevention, preparedness, technical assistance, and emergency relief. The Bureau has provided support to OFDA through DASP as an extension of the domestic Fire and Aviation programs and within the intent of the Joint USDI Agencies and USDA Forest Service Interagency Fire Agreement, No. 83-SIE-001, (WO-187).

The purpose of this Operating Plan is to define the request process for BLM employees to be mobilized to assist OFDA through DASP on international disasters. This Operating Plan is not meant to define the ordering and mobilization of resources for requests received by NICC from DASP to respond to international wildland fire disasters.

Notification Process for International Disaster Assistance Request

When BLM assistance for an international disaster is requested through DASP to meet an OFDA request, the procedure to implement BLM involvement will be for DASP to contact Tom Frey, International Program (IP) Coordinator for the National Office of Fire and Aviation, or Connie Lewis, International Program Specialist.

1. Tom Frey: (208) 387-5167, FAX (208) 387-5914, Cell Phone (208) 863-6216.
2. Connie Lewis: (208) 387-5354, FAX (208) 387-5914.

Decision Criteria

The decision to accept the request will be made by the Director, National Office, Fire & Aviation Management, with input from IP. The following questions will help guide the extent of the Bureau's involvement in international disaster assistance:

1. Will the international mobilization adversely affect the Bureau's ability to respond to a domestic emergency?
2. Will the type of natural disaster involve significant health and safety threats to Bureau personnel?

Disaster Assistance Procedures

A request for assistance from BLM will typically be handled in the following manner:

1. The request for Bureau assistance that includes a summary of the personnel, equipment, and/or supplies being requested will be transmitted from DASP to IP. The decision criteria will be evaluated, and if met, the individual(s), supplies/equipment will be identified, requested, and mobilized by IP. With all such requests, the ultimate commitment to such an assignment rests with the individual's home unit. The information concerning the individual(s) or supplies/equipment requested will be passed on to the NIFC Budget and Evaluation Office for tracking of reimbursable expenses. A reimbursable account with DASP is renewed yearly.

2. IP will continue direct communication with DASP as the mobilization process continues.

3. The nature of the assignment will define the selection criteria for individuals:

   a. Personnel who have completed Disaster Assistance Response Team (DART) Training.
   b. Selection of individuals based on requested skills, requirements for bilingual skills, prior international experience, or specialized training.

4. The mobilization process will involve IP, the individuals being mobilized, and the home unit. The home unit is responsible for issuing the travel authorization. All expenses associated with travel for this assignment are reimbursable.

5. IP will inform the mobilized individual of the name and phone number of the DASP and OFDA contact person.

6. DASP/OFDA will track the location and status of personnel who have been dispatched to an emergency assignment.

7. Monitoring and evaluating the disaster response and the changing conditions associated with the disaster will be a responsibility of OFDA/DASP with feedback to IP.

42.7 Interagency Memorandum of Agreement between U.S. Department of Agriculture – Forest Service, U.S. Department of the Interior – Bureau of Land Management, and United States Army – Special Operations Command

INTERAGENCY MEMORANDUM OF AGREEMENT
BETWEEN
U.S. DEPARTMENT OF AGRICULTURE FOREST SERVICE
U.S. DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT
AND
UNITED STATES ARMY SPECIAL OPERATIONS COMMAND

Subject: Interagency Airborne Operations, Rough Terrain Parachute Training, and Technical Exchange

1. **Purpose.** This Interagency Memorandum of Agreement sets forth responsibilities of the United States Army Special Operations Command (USASOC), the United States Department of Agriculture Forest Service, and the U.S. Department of the Interior, Bureau of Land Management (BLM) enabling the Forest Service and BLM pilots and aircraft to conduct operations and training with USASOC personnel; and promotes the exchange of technical information and support between the Forest Service Missoula Technology Development Center (MTDC) and the USASOC. This single Agreement will consolidate all previous agreements entered into between the Forest Service, BLM, and USASOC and their subordinate organizations.

2. **Reference.** This Agreement is in accordance with the provisions of Section 601 of Economy Act of June 30, 1932 (32 U.S.C. 1535). It includes and supersedes all existing agreements between USASOC, its subordinate units, and the Forest Service regarding combined training and technical exchange.

3. **Situation.** The Forest Service has participated with USASOC units in training exercises and also provided rough terrain parachute training through its Smokejumper Program. This involvement has been ad hoc and administered by individual agreements between subordinate Forest Service and USASOC organizations. The continuing increase of USASOC's need for rough terrain parachute training and also aircraft to perform a variety of tactical training tasks requires centralized prioritizing and scheduling of these activities at the headquarters level. It also provides an opportunity to exchange technical information and support in these common areas. Forest Service and BLM aerial attack operations are consistent with and compatible to USASOC operations. Technical requirements for modifying aircraft and equipping personnel for rough terrain parachute operations for these organizations are also compatible and overlap in many areas. Forest Service, BLM, and USASOC will benefit from an exchange of technical information and support in these common areas.

4. **Scope.** This Memorandum outlines the points of contact, routines, formats, responsibilities, and authority for conducting operations, rough terrain parachute training, and the exchange of technical information. This Agreement does not constitute a commitment by either agency to provide any support, except in those instances mutually agreed to by both parties. When USASOC interacts with either Forest Service or BLM, it will be in accordance with this Agreement.

5. **Understandings, Agreements, Support, and Resource Requirements for Airborne Operations.**

a. General.

(1) All operations will be conducted in accordance with USASOC Regulation 350-2, Airborne Operations, and the appropriate Forest Service or BLM Aviation directives. When these directives are in conflict, operations will comply with the more restrictive application or as supplemented by the "User's Guide."

(2) Single points of contact for coordination and scheduling of all training activities will be USASOC AOOP-TP and the Boise Interagency Fire Center (BIFC).

(3) Forest Service and BLM retain control of all Aviation assets and may withdraw them without prior notice from any and all training activities to fulfill their fire suppression commitments.

(4) USASOC accepts Forest Service and BLM aircraft as is and without modification. Forest Service and BLM are not liable for injuries occurring to USASOC personnel while using Forest Service or BLM aircraft.

b. United States Army Special Operations Command will:

(1) Develop and maintain "User's Guide" containing procedures and operational restrictions for aircraft operations with the Forest Service and BLM.

(2) Coordinate all airfield, airspace, drop zone, and aircraft servicing requirements to support operations to include airdrop airspace/NOTAMS, landing rights, and aircraft parking/storage for Forest Service and BLM aircraft.

(3) Coordinate messing, billeting, and ground transportation for Forest Service and BLM personnel supporting airborne operations.

(4) Investigate all accidents/incidents directly related to training and coordinate investigation with Forest Service and BLM.

(5) Reimburse Forest Service or BLM for all aircraft operating costs to include positioning/de-positioning aircraft, operations, aircraft servicing not provided by USASOC, Forest Service, and BLM personnel per diem, lodging, and travel costs in support training.

(6) Reimburse Forest Service and BLM for aircraft damage directly related to training and the negligent acts of USASOC personnel. Forest Service and BLM will retain complete ownership of such damaged aircraft.

(7) Reimburse Forest Service and BLM through their respective national centers for all accountable activities at the end of each fiscal year.

c. Forest Service and BLM will:

(1) Support USASOC in developing and maintaining the "User's Guide."

(2) Provide USASOC with a comprehensive billing rate schedule for all reimbursable items as an attachment to this Agreement.

(3) Provide USASOC a complete and detailed list of charges for activity within 90 days of completion.

(4) Cooperate as required by USASOC in accident/incident investigations.

6. **Understandings, Agreements, Support, and Resource Requirements for Rough Terrain Parachute Training.**

a. General

(1) Rough terrain parachute training may be conducted by residences at an accredited Smokejumper Training Facility or by Forest Service and BLM mobile training teams at an approved USASOC Training Facility.

(2) Points of contact for scheduling and coordination are USASOC AOOP-TP and the Boise Interagency Fire Center.

b. United States Army Special Operations Command will:

(1) Reimburse Forest Service and BLM for all messing, billeting, ground transportation, and flight hours used during training in residence at a Smokejumper Training Facility.

(2) Provide Forest Service and BLM mobile training team personnel messing, billeting, and ground transportation.

(3) Coordinate training facilities, aircraft, drop zones, and drop zone personnel for Forest Service and BLM training teams.

(4) Reimburse Forest Service and BLM for per diem, lodging, and travel costs incurred by mobile training team personnel.

(5) Provide all parachutes, air items, and rigger support for training activities at USASOC sites.

(6) Investigate all accidents/incidents.

(7) Accept all Forest Service and BLM equipment as is and reimburse these agencies for any equipment damaged, lost, or destroyed by negligence.

c. Forest Service and BLM will:

(1) Coordinate aircraft support, training facilities, transportation, messing, billeting, and instructor support for USASOC personnel in residence.

(2) Provide parachute loft facilities and rough terrain parachuting gear (except parachutes and air items) for USASOC students in residence.

(3) Provide instruction in aircraft exit and parachute landing techniques using rough terrain gear; tree climbing and letdown procedures; spotting techniques; and general principles of rough terrain parachute operations.

(4) Provide USASOC with a comprehensive billing rate schedule for all reimbursable items as an attachment to this Agreement.

(5) Provide USASOC a complete and detailed list of charges for each activity within 90 days of completion.

(6) Cooperate as required by USASOC in accident investigations.

7. **Understandings, Agreements, Support, and Resource Requirements for Technical Exchange.**

a. General

(1) Points of contact for the exchange of technical information and support are the United States Army John F. Kennedy Special Warfare Center and School Combat Developments directorate and the Missoula Technology Development Center.

(2) Points of contact are authorized to cooperate in research, development, acquisition, and test of mutual requirements.

(3) Points of contact are authorized to provide technical assistance, exchange technical publications, and participate in each other's technical conferences upon invitation.

(4) Points of contact will protect classified and proprietary information.

8. **Resolution of Disagreements.** When disputes or unique situations create stalemates, USASOC and the BIFC will submit joint-signed statements of disagreement to the USASOC Executive Agent for determination and resolution.

9. **Effective Date.** This Interagency Agreement is effective upon signature by all parties. It will be updated biennially, on its anniversary date, and is subject to revision to termination at any time by the mutual consent of all parties.

/s/ Colonel Anthony Normand
Chief of Staff
United States Army Special Operations Command Date: 9/03/92

/s/ L.A. Amicarella
Director, Fire and Aviation Management
United States Department of Agriculture Date: 3/23/92

/s/ Roger L. Trimble
Director, Boise Interagency Fire Center
United States Department of the Interior
Bureau of Land Management Date: 4/16/92

43 Smokejumper Agreement

43.1 Interagency Agreement between the U.S. Department of Interior – Bureau of Land Management, and U.S. Department of Agriculture – Forest Service, for the Joint Operation of Smokejumper Resources

INTERAGENCY AGREEMENT
BETWEEN THE
U.S. DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT
AND
U.S. DEPARTMENT OF AGRICULTURE
FOREST SERVICE
AND
JOINT OPERATION OF SMOKEJUMPER RESOURCES

I. PURPOSE

To establish the interagency guidelines covering present and future operations of smokejumpers to assure efficient and effective us of these resources for the agencies.

II. AUTHORITY

A. Interagency Agreement between the United States Department of the Interior and the United States Department of Agriculture, dated October 1, 1982.
B. Economy Act of June 30, 1932, as amended (31 U.S.C. 1535).
C. Specific authorities of the Forest Service to engage in aviation and fire suppression activities or to cooperate with others in this regard include: 16 U.S.C. 572 (c), 578, 579 (a), 579 (b), 580, 580 (a).
D. Specific authorities for the Bureau of Land Management to engage in aviation and fire suppression activities with other include:

1. Protection Act of 1922 (42 Stat. 857, 26 U.S.C. 594).
2. Reciprocal Fire Protection Agreement Act of 1955 (69 Stat. 66, 42 U.S.C. 1856 (a) (b)).
3. Public Land Administration Act of 1960 (74 Stat. 506, 43 U.S.C. 1361).
4. Federal Land Policy and Management Act of 1976 (43 U.S.C. 1737-1738).

III. AGREEMENT

Whereas the Forest Service and the Bureau of Land Management have similar purpose and mission requirements, and the need to share smokejumper resources in fire suppression activities and other land management practices, they agree to the following:

A. An Annual Operating Plan will be developed and approved by the agencies' designated representatives prior to December the first annually. This Plan must contain exchange arrangements, equipment needed, administrative and operational requirements, and fiscal provisions. This Plan becomes a part of this signed Agreement.

B. Each agency will, upon request, furnish specific fire suppression cost information for billing to third parties. Billings will be initiated by performing units. Forest Service units will send billing to BLM Denver Service Center, D-515, Building 50, Denver, CO. 80225. BLM units will send billing to appropriate Forest Service Regional Office.

C. Nothing in this Agreement shall be construed to limit either party in requesting additional smokejumpers from the other on an emergency basis at any time period. This type fire order is based upon availability at the time of the order. Release of these smokejumpers is based upon the end of the fire emergency and/or request by the supplying agency.

D. This Agreement, which establishes interagency smokejumpers operations, becomes effective upon signature by the respective agencies. This Agreement may be changed any time by mutual agreement of the respective agencies, except during the period April 1 through September 30 annually.

DEPARTMENT OF THE INTERIOR	DEPARTMENT OF AGRICULTURE
/s/ Arnold E. Petty Bureau of Land Management	/s/ Gary E. Cargill Forest Service
Date: 4/10/85	Date: 4/12/85

44 Modular Airborne Firefighting System Agreements

44.1 Agreement between North Carolina Department of Natural Resources and Community Development, Division of Forest Resources, and Forest Service – United States Department of Agriculture

AGREEMENT
BETWEEN
NORTH CAROLINA DEPARTMENT OF NATURAL RESOURCES
AND COMMUNITY DEVELOPMENT
DIVISION OF FOREST RESOURCES
AND
FOREST SERVICE
UNITED STATES DEPARTMENT OF AGRICULTURE

WITNESSETH:

WHEREAS, the Forest Service maintains Modular Airborne Fire Fighting System (MAFFS) equipment for use in fire suppression, and

WHEREAS, the State desires to utilize the Modular Airborne Fire Fighting System equipment and services of the Forest Service in emergency situations, and

WHEREAS, it is the desire of both parties to minimize response time in the employment of the Modular Airborne Fire Fighting System equipment.

NOW THEREFORE, in consideration of the above premises, the parties hereto agree as follows:

THE FOREST SERVICE SHALL:

1. Provide two Modular Airborne Fire Fighting Systems for temporary use by the State in wildfire emergency situations. When the Forest Service has need of the Modular Airborne Fire Fighting System for its own use, the Forest Service will redirect it to Federal service.

2. Furnish qualified Modular Airborne Fire Fighting System liaison officers for each activation request by the State.

3. Furnish qualified Air Tanker Coordinators to the State at each activation request. Air Tanker Coordinator will be Forest Service Lead Plane Pilot, if available. If no Forest Service Lead Plane Pilot is available, a State Air Tanker Coordinator will be assigned to the Modular Airborne Fire Fighting System units.

4. Bill the State for salaries and expenses of the Air Tanker Coordinators and the expenses of the Forest Service Liaison Officer.

5. Retain ownership of the two Modular Airborne Fire Fighting Systems.

THE STATE SHALL:

1. Notify the Forest Service, Region 8 Aviation and Fire, Atlanta, Georgia, immediately upon activation of the Modular Airborne Fire Fighting System.

2. Use only Forest Service approved retardants.

3. Acquire updated communications (radios and harness) to meet joint Forest Service/State air tanker radio communication requirements.

4. Return the Modular Airborne Fire Fighting System units to the Forest Service in the same condition as received. All maintenance and operating costs will be paid by the State.

5. Upon presentation of a Bill for Collection, reimburse the Forest Service for salaries and expenses, including overhead, of the Air Tanker Coordinators and the expenses of the Liaison Officer. Reimbursement to the Forest Service shall be made payable to the USDA Forest Service, for deposit to the appropriation originally obligated. Mail to: Collection Officer, USDA Forest Service, Room 890, 1720 Peachtree Road, NW, Atlanta, GA 30367.

IT IS MUTUALLY AGREED:

1. Forest Service/State will jointly determine what suitable and available aircraft located within two hours of the Raleigh, North Carolina area.

2. When multiple structures are involved or immediately threatened and all local areas (2 hour timeframe) air tankers are committed and other contract aircraft (outside local area) cannot be moved into the local area within 2 hours, the Governor of North Carolina (State Forester), through the Division of Emergency Management, may order the North Carolina National Guard C-130's at Charlotte, North Carolina, activated for air tanker assignment under the State Mutual Air Agreement. Forest Service agrees that when this activation takes place, the two Modular Airborne Fire Fighting System units assigned and located at Charlotte, North Carolina, will be included in the activation order.

3. The Raleigh, North Carolina, Division of Forestry Headquarters will be the principle unit to approve the activation request after they assure themselves that the contract air tanker fleet (State and Forest Service) is committed and/or unavailable.

4. Any additional Modular Airborne Fire Fighting System requests will come through normal channels and be requested from National Interagency Fire Coordination Center (NICC).

5. Modular Airborne Fire Fighting System liaison will be established during all activation.

6. North Carolina Air Guard (Charlotte) will train and hold periodic exercises so they can meet the 2-hour activation period. During long periods of inactivity, the State may conduct occasional one-mission exercises on their fires to test response time.

7. The State will look into a retardant reload capability at Charlotte, North Carolina. Initial dispatch will be to activate and load Modular Airborne Fire Fighting System unit, fly to Kinston, North Carolina, or other approved State tanker base, and fill with retardant.

MISCELLANEOUS CONDITIONS:

1. No member of, or delegate to, Congress or Resident Commissioner shall be admitted to any share or part of this Agreement, or to any benefit that may arise therefrom; but this provision shall not be construed to extend to this Agreement if made with a corporation for this general benefit.

2. Either party may terminate the Agreement by providing 30 days written notice. Unless terminated by written notice, this Agreement will remain in force indefinitely.

3. The United States of America shall not be liable for any damage incident to the performance of work under this Agreement, and the State expressly waives any and all claims against the United States of America for any loss, damage, personal injury, or death occurring in consequence of the performance of this Agreement.

IN WITNESS WHEREOF, the parties hereto have executed this Agreement as of the last date written below.

/s/ Harry Layman
State Forester
Division of Forest Resources

Date: 7/13/88

/s/ LeRoy Jones
Regional Forester
Southern Region

Date: 7/28/88

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44.2 Agreement between California – Department of Forestry, the National Guard, and USDA – Forest Service, Pacific Southwest Region

AGREEMENT
BETWEEN
CALIFORNIA – DEPARTMENT OF FORESTRY,
NATIONAL GUARD,
AND
USDA – FOREST SERVICE, PACIFIC SOUTHWEST REGION

This Agreement, made and entered into by and between the USDA, Forest Service, Pacific Southwest Region, hereinafter referred to as the Forest Service, and California Department of Forestry, California National Guard, hereinafter referred to as the State, under the provisions of the Act of April 24, 1950 (16 U.S.C. 572 and 580), and Memorandums of Understanding between the Department of Defense and Departments of Agriculture and Interior.

WITNESSETH:

WHEREAS, the Forest Service maintains Modular Airborne Fire Fighting System equipment (MAFFS) for use in fire suppression and is willing to make available to assist the State in its fire suppression efforts, and

WHEREAS, the State desires to utilize the Modular Airborne Fire Fighting System equipment and services of the Forest Service in emergency situations, and

WHEREAS, it is the desire of both parties to minimize response time in the employment of the Modular Airborne Fire Fighting System equipment.

NOW THEREFORE, in consideration of the above premises, the parties hereto agree as follows:

A. THE FOREST SERVICE SHALL:

1. Loan the two (2) Van Nuys Modular Airborne Fire Fighting Systems to the State in emergency situations. When the Forest Service has need of the Modular Airborne Fire Fighting System for its own use, the Forest Service will redirect it to Federal service through the National Mobilization Plan.

2. Furnish qualified MAFFS liaison officers for each activation request by the State, until the State can provide qualified personnel.

3. Furnish qualified Air Tanker Coordinators to the State at each activation request. Air Tanker Coordinator will be Forest Service Lead Plane Pilot, if available. If no Lead Plane Pilot is available, a State Air Tanker Coordinator (non-pilot) will be assigned to the (MAFFS) coordination until a qualified Air Tanker Coordinator is available. The Forest Service Air Tanker Coordinator positions are highest priority and will be activated as soon as possible.

4. Bill the State for all costs, including overhead, related to its providing the services of the Air Tanker Coordinators, the Forest Service Liaison Officer, and any maintenance service requested in accordance with Provisions B. 5. of the Agreement.

B. THE STATE SHALL:

1. Upon presentation of a Bill for Collection, reimburse the Forest Service for all costs defined in A. 4. above. Reimbursement to the Forest Service shall be made payable to the United States Department of Agriculture Forest Service for deposit to the appropriation originally obligated. Mail to:

   Collection Officer
   United States Department of Agriculture, Forest Service
   630 Sansome Street
   San Francisco, CA 94111

2. Use only Forest Service approved retardants.

3. Return the Modular Airborne Fire Fighting System units to the Forest Service in the same condition as received. All maintenance and operating costs incurred during California Department of Forestry operations will be paid by the State.

4. Notify the Forest Service through South Zone OCC immediately upon activation. South Zone will notify Region 5 Aviation and Fire Management and the National Interagency Fire Coordination Center.

5. Provide maintenance service during operation through use of Forest Service maintenance contractors or Forest Service approved personnel.

6. Be liable for the cost of repair or depreciated value of either MAFFS unit lost, damaged, or destroyed while in the possession or under the control of the State unless such loss, damage, or destruction is the result of an intentional tort by the Forest Service employee.

C. IT IS MUTUALLY AGREED THAT:

1. State will study what suitable and available aircraft are located within two (2) hours of the Van Nuys, California area.

2. When multiple structures are involved or immediately threatened and all local area (2 hour timeframe) air tankers are committed and other contract aircraft (outside local areas cannot be moved into the local area within 2 hours), the Governor of California (Director of Forestry) can order the California National Guard C-130's at Van Nuys activated for air tanker assignment under the State Mutual Aid Agreement. Forest Service agrees that when this activation takes place, the two Modular Airborne Fire Fighting System units assigned and located at Van Nuys, California, also be included in the activation order.

3. The State's Department of Forestry Headquarters (Sacramento) will be the principle unit to approve the activation request after they assure themselves that the contract air tanker fleet (State and Forest Service) is committed and /or unavailable.

4. Any additional Modular Airborne Fire Fighting System requests will come through normal channels and requested from the National Interagency Coordination Center.

5. Media releases will be jointly issued by the State and Forest Service during the activation.

6. In the event a Modular Airborne Fire Fighting System unit becomes inoperative and a replacement is needed, the State will request the Assistant Regional Forester for Aviation and Fire Management to provide a replacement unit.

7. If the fire situation continues to worsen after State activation, the State may request National Mobilization of Modular Airborne Fire Fighting System at which time the program will be operated as a Federal activity.

8. An Annual Operation Plan will be developed by the State/Forest Service/California National Guard and signed prior to May 15th. The Plan will include this Agreement, a list of qualified personnel, an activities checklist, and a list of bases approved for operation. (See attached.)

9. The State and the California National Guard may use Modular Airborne Fire Fighting System units for training purposes upon notification of South Zone Operations Coordination Center.

10. The State will assign an Air Tanker Base Manager to the operation upon activation.

11. An operational Command Center will be identified for the Modular Airborne Fire Fighting System operation (Regional Office Emergency Command Center).

12. The Forest Service will provide an Agency Representative during activation.

13. Only personnel essential to the mission will be transported aboard aircraft during the fire mission.

14. The assigned qualified Modular Airborne Fire Fighting System Liaison Officer is the person in charge of the Modular Airborne Fire Fighting System operation.

MISCELLANEOUS CONDITIONS:

1. No member or delegate to Congress, or Resident Commissioner shall be admitted to any share or part of this Agreement, or to any benefit that may arise therefrom; but the provision shall not be construed to extend to this Agreement if made with a corporation for its general benefit.

2. Either party may terminate the Agreement by providing 30 days written notice. Unless terminated by written notice, this Agreement will remain in force indefinitely.

3. The United States of America shall not be liable for any damage incident to the performance of work under this Agreement to the State or any landowners for any damage, personal injury, or death occurring in consequence of the performance of this Agreement, and to the extent authorized by law, the State agrees to defend and hold harmless the

United States of America from any claims arising as a result of this Agreement.

IN WITNESS WHEREOF, the parties hereto have executed this Agreement as of the last date written below.

/s/ Willard Shank
Adjutant General
California National Guard Date: 7/07/86

/s/ Jerry Partan
Director
California Department of Forestry Date: 7/07/86

/s/ Richard E. Montaque
for Regional Forester
Pacific Southwest Region Date: 12/05/86

44.3 Collection Agreement between Wyoming State Forestry Division and the Forest Service – United States Department of Agriculture

COLLECTION AGREEMENT
BETWEEN
WYOMING STATE FORESTRY DIVISION
AND
FOREST SERVICE
UNITED STATES DEPARTMENT OF AGRICULTURE

This Collection Agreement is made and entered into by and between the Wyoming State Forestry Division, hereinafter referred to as the State, and the Forest Service, United States Department of Agriculture, hereinafter referred to as the Forest Service, under the provisions of the Department of Agriculture Organic Act of 1944 (16 U.S.C. 580) and ACC Operations Order 36-95, Coronet Forest.

The Forest Service previously entered into an **Interagency Cooperative Fire Protection Agreement (#1102-0005-96-013, April 9, 1996)** with the State of Wyoming in accordance with Acts of Congress and Wyoming Revised Statutes. That Agreement remains in effect.

I. PURPOSE

The purpose of this instrument is to initiate an agreement whereby the Forest Service will make available its Modular Airborne Fire Fighting System (MAFFS) to the State Air National Guard unit.

Both the State and the Forest Service have a strong interest in the control of wildfire emergency situations. Both parties wish to minimize response time in the deployment of the MAFFS equipment. The State desires to utilize the MAFFS equipment and the services of Forest Service personnel in support of MAFFS equipment in emergency situations.

II. THE STATE SHALL:

1. Notify the Forest Service, Fire and Aviation at the **National Interagency Fire Center (NIFC)**, to request activation of the MAFFS.

2. Use only Forest Service approved retardants.

3. Maintain up-to-date communication equipment (radios and harness) to meet joint Forest Service/State air tanker radio communication requirements.

4. Return the MAFFS units to the Forest Service in the same condition as received. All maintenance and operating costs will be paid by the State, to include salary and expenses of MAFFS maintenance personnel. The point of return will be the base from which the stored MAFFS units were mobilized.

5. Upon presentation of a Bill for Collection, reimburse the Forest Service for salaries and expenses, including overhead, of the Liaison Officer, maintenance personnel, and, when applicable, Air Tanker Coordinators, support staff, and Air Tanker Base Manager. Reimbursement to the Forest Service shall be made payable to the USDA, Forest Service, for deposit to the appropriation originally obligated. **Mail to: Collection Officer, USDA, Forest Service, Rocky Mountain Fiscal Officer, P.O. Box 25127, Lakewood, CO 80225.** Any Forest

Service bills for collection will be sent to the State Forester at the address listed under Part IV, Number 15, Principal Contacts.

6. Ensure that the MAFFS Operating Plan is followed.

7. Operate the MAFFS under all conditions outlined in the **ACCOPORD 36-95 Coronet Forest, 12/95** or as updated by the MAFFS Operating Plan.

8. Use only qualified maintenance personnel identified in the USDA, Forest Service MAFFS Operating Plan prepared by the NIFC.

9. Designate a State Forestry Division representative to coordinate with Mission Commander and MAFFS Liaison at base of operations.

10. Hold Harmless. The State hereby agrees to defend and hold harmless the USDA, Forest Service, its representatives, or employees from any damage incident to the performance of the work resulting from, related to, or arising from this instrument.

III. THE FOREST SERVICE SHALL:

1. **Upon receipt of a request through the NIFC,** provide two MAFFS for temporary use by the State **in Wyoming** in wildfire emergency situations. When the Forest Service has need of the MAFFs for **other emergency uses,** the Forest Service will redirect to Federal Service **through established channels.**

2. Furnish qualified MAFFS Liaison Officers and Air Tanker Base Managers for each activation requested by the State. The State may provide qualified Air Tanker Base Managers.

3. Upon request, furnish qualified Air Tanker Coordinators to the State for each activation. A qualified State Air Tanker Coordinator may be assigned to the MAFFS units.

4. Retain ownership of the MAFFS.

5. Bill the State for **reimbursement of** salaries and expenses of the Forest Service Liaison Officer and, when assigned, Air Tanker Coordinator (**lead plane pilot and aircraft**), Air Tanker Base Manager, maintenance personnel, and other assigned staff as outlined in the Operating Plan ordering procedures.

IV. IT IS MUTUALLLY AGREED AND UNDERSTOOD BY AND BETWEEN THE PARTIES THAT:

1. This Agreement can only be activated when multiple structures are involved or immediately threatened and all local area (2 hour timeframe) air tankers are committed and other aircraft (outside local areas) cannot be moved in to the local area within 2 hours. In these circumstances, the Governor of Wyoming through Wyoming's Emergency Management may order the Wyoming National Guard C-130's at Cheyenne, Wyoming, activated for air tanker assignment under the current Memorandum of Understanding. Forest Service agrees that when this activation takes place, the two MAFFS units assigned and located at Cheyenne, Wyoming, **may** be included in the activation order.

2. Forest Service **at the NIFC** in coordination with the State will jointly determine what suitable and available aircraft are located within two hours of the Cheyenne, Wyoming area.

3. The State Forestry Division Headquarters will be the principle unit to approve the activation request after they assure themselves that the contract air tanker fleet (State and Forest Service) is committed and/or unavailable.

4. Any additional MAFFS request will come through normal channels and be requested from the NIFC.

5. All media releases involving MAFFS will be jointly issued by the State and Forest Service during or prior to activation.

6. MAFFS liaisons will be established during all activations.

7. The State and the Wyoming Air National Guard may use the MAFFS units for non-fire training exercises upon request and approval of the Forest Service Director **at the NIFC.**

8. **Only Aerial Combat Command personnel and Forest Service authorized personnel essential to the mission will be transported aboard the aircraft during training or fire missions.**

9. **In accordance with the MAFFS Operating Plan, use of a MAFFS qualified Air Tanker Coordinator (lead plane) is required for all fire operations.**

10. MODIFICATION. Modifications within the scope of the instrument shall be made by mutual consent of the parties by the issuance of a written modification, signed and dated by both parties, prior to any changes being performed. The Forest Service is not obligated to fund any changes not properly approved in advance.

11. ACCESS TO RECORDS. Give the Forest Service or Comptroller General, through any authorized representative, access to and the right to examine all books, papers, or documents related to this instrument.

12. PARTICIPATION IN SIMILAR ACTIVITIES. This instrument in no way restricts the Forest Service or the Cooperator(s) from participating in similar activities with other public or private agencies, organizations, and individuals.

13. RESTRICTION FOR DELEGATES. Pursuant to Section 22, Title 41, United States Code, no member of or delegate to Congress shall be admitted to any share or part of this instrument or any benefits that may arise therefrom.

14. COMPLETION DATE. This instrument is executed as of the last date shown below and expires on April 1, 2002, at which time it will be subject to review, renewal, or expiration.

15. PRINCIPAL CONTACTS. The principal contacts for this instrument are:

National MAFFS Liaison Officer USDA Forest Service National Interagency Fire Center 3833 S. Development Avenue Boise, Idaho 83705-5354 (208) 387-5604	State Forester Wyoming State Forestry Division 1100 West 22nd Street Cheyenne, Wyoming 82002 (307) 777-7586

16. REFUNDS. Contributions authorized for use by the Forest Service, which are not spent or obligated for project(s) approved under this instrument, will be refunded to the cooperator or authorized for use for new projects by the cooperator.

17. TERMINATION. Either party(s), in writing, may terminate this instrument in whole, or in part, at any time before the date of expiration. The Forest Service shall not incur any new obligations for the terminated portion of the instrument after the effective date and shall cancel as many obligations as is possible. Full credit shall be allowed for Forest Service expenses and all noncancellable obligations properly incurred up to the effective date of termination. Excess funds shall be refunded within 60 days after the effective date of termination.

IN WITNESS WHEREOF, the parties hereto have executed this Agreement as of the last date written below.

/s/ Dennis W. Pendleton — Date: 4/21/97
National MAFFS Liaison Officer
USDA, Forest Service

/s/ Thomas Ostermann — Date: 4/25/97
Wyoming State Forestry Division

CHAPTER 50

Fire Organization Directory

CHAPTER 50 – FIRE ORGANIZATION DIRECTORY

GACCs (Geographic Area Coordination Centers) Fire Directory – Quick Reference

National Interagency Coordination Center		**Telephone: (208) 387-5400**
	Fax:	(208) 387-5663
	Fax:	(208) 387-5414
	DMS:	idnicmob@dms.nwcg.gov
	Web Site:	http://www.nifc.gov/news/nicc.html
Alaska Interagency Coordination Center		**Telephone: (907) 356-5680**
	Fax:	(907) 356-5678
	DMS:	akaccmob@dms.nwcg.gov
	Web Site:	http://www.fire.ak.blm.gov
Eastern Area Coordination Center		**Telephone: (612) 713-7300**
	Fax:	(612) 713-7317
	DMS:	mneacmob@dms.nwcg.gov
	Web Site:	http://www. fs.fed.us/eacc/
Eastern Great Basin Coordination Center		**Telephone: (801) 531-5320**
	Fax:	(801) 531-5321
	DMS:	utebcmob@dms.nwcg.gov
	Web Site:	http://www.blm.gov/utah/egbcc
Northern California Coordination Center		**Telephone: (530) 226-2800**
	Fax:	(530) 226-2808
	DMS:	caoncmob@dms.nwcg.gov
	Web Site:	http://www.fire.r5.fs.fed.us/nops.html
Northern Rockies Coordination Center		**Telephone: (406) 329-4880**
	Fax:	(406) 329-4891
	DMS:	mtnrcmob@dms.nwcg.gov
	Web Site:	http://www.fs.fed.us/r1/fire/nrcc
Northwest Area Coordination Center		**Telephone: (503) 808-2720**
	Fax:	(503) 808-2750
	DMS:	ornwcmob@dms.nwcg.gov
	Web Site:	http://www.or.blm.gov/nwcc

Rocky Mountain Coordination Center		**Telephone: (303) 445-4300**
	Fax:	(303) 445-4319
	DMS:	cormcmob@dms.nwcg.gov
	Web Site:	http://www.fs.fed.us/r2/fire/rmacc
Southern Area Coordination Center		**Telephone: (678) 320-3000**
	Fax:	(678) 320-3036
	DMS:	gasacmob@dms.nwcg.gov
	Web Site:	http://www.southernregion.fs.fed.us/sacc
Southern California Coordination Center		**Telephone: (909) 276-6721**
	Fax:	(909) 782-4900
	DMS:	caoscmob@dms.nwcg.gov
	Web Site:	http://www. fire.r5.fs.fed.us/scsc.html
Southwest Area Coordination Center		**Telephone: (505) 842-3473**
	Fax:	(505) 842-3801
	DMS:	nmswcmob@dms.nwcg.gov
	Web Site:	http://www. fs.fed.us/r3/fire
Western Great Basin Coordination Center		**Telephone: (775) 861-6455**
	Fax:	(775) 861-6459
	DMS:	nvwbcmob@dms.nwcg.gov
	Web Site:	http://www.nv.blm.gov/wgcbcc

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51.1 Fire Directory – National Interagency Coordination Center (NICC)

UNIT: **National Interagency Coordination Center** 3833 S. Development Avenue Boise, Idaho 83705-5354	FIRE TELEPHONE NO.: **(208) 387-5400** **FLIGHT FOLLOWING: 1-800-994-6312** NIGHT OR 24 HOUR NO.: (208) 387-5400 FACSIMILE NUMBER: (208) 387-5663 or 387-5414 ELECTRONIC MAIL: idnicmob@dms.nwcg.gov

NAME/TITLE	CITY/STATE	AREA CODE	OFFICE PHONE
CHRISTENSEN, Kim Center Manager	Boise, ID	208	387-5662
WAMACK, Chuck Assistant Center Manager	"	"	387-5418
SHINN, Doug Assistant Center Manager	"	"	387-5661
LEONARD, Charlie Intelligence Coordinator	"	"	387-5093
FLETCHER, Bill Emergency Operations Coordinator	"	"	387-5400
HENDREN, Dave Emergency Operations Coordinator	"	"	"
MAGALLENES, Emil Emergency Operations Coordinator	"	"	"
SQUIRES, Rick Emergency Operations Coordinator	"	"	"
OCHOA, Rick Fire Weather Program Manager	"	"	387-5451
HOCKENBERRY, Heath Fire Weather Assistant Program Manager	"	"	387-5874
VACANT Fire Analyst	"	"	387-5816
SECHLER, Pat Staff Assistant	"	"	387-5400

51.2 Fire Directory – Alaska Interagency Coordination Center

UNIT: **Alaska Interagency Coordination Center** P.O. Box 35005 Ft. Wainwright, Alaska 99703-0005	FIRE TELEPHONE NO.: **(907) 356-5680** **TOLL FREE:** NIGHT OR 24 HOUR NO.: (907) 356-5680 FACSIMILE NUMBER: (907) 356-5678 ELECTRONIC MAIL: akaccmob@dms.nwcg.gov

NAME/TITLE	CITY/STATE	AREA CODE	OFFICE PHONE
CURRY, Dave Center Manager	Ft. Wainwright, AK	907	356-5677
VACANT Assistant Center Manager	"	"	356-5680
VACANT USFS Logistics Coordinator	"	"	356-5680
DUPUIS, Rick State of Alaska Coordinator	"	"	356-5645
DICKERSON, Bob Dispatch Coordinator	"	"	356-5670
CHRISTENSEN, Sue Intelligence Coordinator	"	"	356-5643
ALDEN, Sharon Fire Weather Program Manager	"	"	356-5691
KIRK, JD Lead Aircraft Dispatcher	"	"	356-5681
	"	"	"
	"	"	"
	"	"	"
	"	"	"

51.3 Fire Directory – Eastern Area Coordination Center

UNIT: **Eastern Area Coordination Center** BHW Federal Building 1 Federal Drive, Box 29, Rm. G-20 Fort Snelling, Minnesota 55111-4080	FIRE TELEPHONE NO.: **(612) 713-7300** **TOLL FREE: 1-800-247-1247 x7300** NIGHT OR 24 HOUR NO.: (612) 713-7300 FACSIMILE NUMBER: (612) 713-7317 ELECTRONIC MAIL: mneacmob@dms.nwcg.gov

NAME/TITLE	CITY/STATE	AREA CODE	OFFICE PHONE
BOYD, Dave Center Manager	Fort Snelling, MN	612	713-7300
McINTYRE-KELLY, Laura Deputy Center Manager	"	"	"
STEGMAIER, Ann Logistics Coordinator, Aviation	"	"	"
SWENDSEN, Scott Logistics Dispatcher	"	"	"
KANSEAH, Karma Intelligence Coordinator	"	"	"
PELLIN, Gloria Administrative Officer	"	"	"
MARIEN, Steve Fire Weather Program Manager	"	"	"
LAHTI, Kate F. S. Interagency Incident Business Mgmt Specialist	Cass Lake, MN	218	335-8630
GROSS, Terry States Interagency Incident Business Mgmt Specialist	New Town Square, PA	610	557-4142

51.4 Fire Directory – Eastern Great Basin Coordination Center

UNIT: **Eastern Great Basin Coordination Center** 5500 W. Amelia Earhart, #270 Salt Lake City, Utah 84116	FIRE TELEPHONE NO.: **(801) 531-5320** **TOLL FREE: 1-800-844-5497** NIGHT OR 24 HOUR NO.: (801) 531-5320 FACSIMILE NUMBER: (801) 531-5321 ELECTRONIC MAIL: utebcmob@dms.nwcg.gov

NAME/TITLE	CITY/STATE	AREA CODE	OFFICE PHONE
HART, Randy Center Manager	Salt Lake City, UT	801	531-5320
GRAY, Ed Assistant Center Manager	"	"	"
BOWEN, Deb Intelligence Coordinator	"	"	"
DELGADO, Ed Fire Weather Program Manager	"	"	"
STEELE, Rupert Logistics Coordinator	"	"	"
KESSEL, Sherry Logistics Coordinator	"	"	"
SHERVE, Kirsten Logistics Coordinator	"	"	"

51.5 Fire Directory – Northern California Coordination Center

UNIT: **Northern California Coordination Center** 6101 Airport Road Redding, California 96002	FIRE TELEPHONE NO.: **(530) 226-2800** FTS: 8-(530) 226-2801 NIGHT OR 24 HOUR NO.: (530) 226-2800 FACSIMILE NUMBER: (530) 226-2742 ELECTRONIC MAIL: caoncmob@dms.nwcg.gov

NAME/TITLE	CITY/STATE	AREA CODE	OFFICE PHONE
HATCHER, Tom Assistant Director, Northern Operations	Redding, CA	530	226-2700
STINGLEY-RUSSELL, Susie Deputy Assistant Director, Northern Operations	"	"	226-2812
DUNCAN, Ed Department of Interior Coordinator	"	"	226-2801
EVANS, Tom Mobilization Coordinator	"	"	"
McMAHON, Linda Logistics Coordinator – Aircraft	"	"	"
FERRELL, Millie Logistics Coordinator	"	"	"
ELLIOTT, Tom Logistics Coordinator	"	"	"
WURSCHMIDT, Neal Logistics Coordinator	"	"	"
GETHEN, Susan Logistics Coordinator	"	"	"
SNOOK, John Meterologist, Predictive Services	"	"	226-2730
LOCOCO, Mike Intelligence Officer/Predictive Services	"	"	226-2810
BELL, Bob Training Officer	"	"	226-2719

51.6 Fire Directory – Northern Rockies Coordination Center

UNIT: **Northern Rockies Coordination Center** Aerial Fire Depot 5765 W. Broadway Missoula, Montana 59808-9361	FIRE TELEPHONE NO.: **(406) 329-4880** **TOLL FREE:** NIGHT OR 24 HOUR NO.: (406) 329-4880 FACSIMILE NUMBER: (406) 329-4891 Cache: (406) 329-4962 ELECTRONIC MAIL: mtnrcmob@dms.nwcg.gov

NAME/TITLE	CITY/STATE	AREA CODE	OFFICE PHONE
VACANT Center Manager	Missoula, MT	406	329-4708
ELZIG, Kathy Assistant Center Manager	"	"	329-4709
NELSON, Ray Logistics Coordinator – Personnel	"	"	329-4996
BOYD, Gary Logistics Coordinator – Aircraft	"	"	329-4882
FINNEMAN, Colleen Intelligence Coordinator	"	"	329-4886
THOMAS, Kim Lead Dispatcher	"	"	329-4883
BRAS, Joni Lead Dispatcher	"	"	329-4884
POLUTNIK, Julie Lead Dispatcher	"	"	329-4995
WILLIAMSON, Cobey Lead Dispatcher	"	"	329-4881
ANDERSON, John Lead Dispatcher	"	"	329-4885
THORICHT, Bruce Meteorologist	"	"	329-4875
VACANT Meteorologist	"	"	"

51.7 Fire Directory – Northwest Area Coordination Center

UNIT: **Northwest Area Coordination Center** 5420 NE Marine Drive Portland, Oregon 97218-1089	FIRE TELEPHONE NO.: **(503) 808-2720** **TOLL FREE:** NIGHT OR 24 HOUR NO.: (503) 808-2720 FACSIMILE NUMBER: (503) 808-2750 ELECTRONIC MAIL: ornwc@dms.nwcg.gov

NAME/TITLE	CITY/STATE	AREA CODE	OFFICE PHONE
DAY, Gerry Center Manager	Portland, OR	503	808-2732
DICKENSON, Stephen Operations Manager	"	"	808-2722
ARASIM, Steve Assistant Operations Manager	"	"	808-2723
DAVIS, Dolly Logistics Coordinator	"	"	808-2725
MAY, Kathi Logistics Coordinator	"	"	808-2724
PAPKE, Gina Logistics Coordinator	"	"	808-2726
WILSON, Barb Logistics Coordinator	"	"	808-2730
FITZPATRICK, Mike Predictive Services	"	"	808-2733
FRANCE, Blanche Computer Specialist	"	"	808-2735
VACANT Fire Weather Program Manager	"	"	808-2737
MARSHA, Terry Fire Weather Meteorologist	"	"	808-2756
KELLY, Kim GIS Technician	"	"	808-2741

51.8 Fire Directory – Rocky Mountain Area Coordination Center

UNIT: **Rocky Mountain Area Coordination Center** 2850 Youngfield Street Lakewood, Colorado 80215	FIRE TELEPHONE NO.: **(303) 445-4300** **TOLL FREE:** NIGHT OR 24 HOUR NO.: (303) 445-4300 FACSIMILE NUMBER: (303) 445-4319 ELECTRONIC MAIL: cormc@dms.nwcg.gov

NAME/TITLE	CITY/STATE	AREA CODE	OFFICE PHONE
FLETCHER, Jim Center Manager	Lakewood, CO	303	445-4302
VACANT Area Coordinator	"	"	445-4301
JUHOLA, Rob Assistant Coordinator	"	"	445-4304
BOZARTH, Debbie Aircraft Dispatcher	"	"	445-4330
PEREA, Marco Area Dispatcher	"	"	445-4300
BOGDANOVICH, Jill Area Dispatcher	"	"	"
POIRIER, Gwenan Intelligence Coordinator	"	"	445-4303
MATHEWSON, Tim Fire Weather Meteorologist, Program Manager	"	"	445-4309
MANN, Russ Fire Weather Meteorologist	"	"	445-4308
HELMERICK, Larry Public Information Officer	"	"	445-4322

51.9 Fire Directory – Southern Area Coordination Center

UNIT: **Southern Area Coordination Center** 1200 Ashwood Parkway, Suite 230 Atlanta, Georgia 30338	FIRE TELEPHONE NO.: **(678) 320-3000** **TOLL FREE: 1-800-959-9181** NIGHT OR 24 HOUR NO.: (678) 320-3000 FACSIMILE NUMBER: (678) 320-3036 ELECTRONIC MAIL: gasacmob@dms.nwcg.gov

NAME/TITLE	CITY/STATE	AREA CODE	OFFICE PHONE
GREENE, J.P. Center Manager	Atlanta, GA	678	320-3001
BRICE, Jeff Assistant Area Coordinator	"	"	320-3004
BOUCHER, Pat Assistant Area Coordinator	"	"	320-3003
ROBINSON, Tracy Assistant Area Coordinator	"	"	320-3002
VACANT Intelligence Coordinator	"	"	320-3007
BATTAGLIA, George Aircraft Coordinator	"	"	320-3005
PINKNEY, Valerie Program Assistant	"	"	320-3016
INGRAM, Denver Fire Weather Program Manager	"	"	320-3008
SCASNY, Kevin Fire Weather Meteorologist	"	"	320-3009

51.10 Fire Directory – Southern California Coordination Center

UNIT: **Southern California Coordination Center** 2524 Mulberry Street Riverside, California 92501	FIRE TELEPHONE NO.: **(951) 276-6721** **TOLL FREE:** NIGHT OR 24 HOUR NO.: (951) 276-6725 FACSIMILE NUMBER: (951) 782-4900 ELECTRONIC MAIL: caoscmob@dms.nwcg.gov

NAME/TITLE	CITY/STATE	AREA CODE	OFFICE PHONE
KECK, Terry Mobilization Coordinator	Riverside, CA	951	320-6104
MASON, Beth Logistics Coordinator	"	"	276-6721
HESBOL, Edward Logistics Coordinator	"	"	"
RUSTEN, Ron Logistics Coordinator	"	"	"
MATARAZZI, Les Department of Interior Coordinator	"	"	320-6145
DUNN, Michael Logistics Coordinator	"	"	276-6721
RISHER, Bruce Logistics Coordinator	"	"	"
VACANT Intelligence Officer	"	"	320-6107
HAMILTON, Ron Fire Weather Program Manager	"	"	320-6164

51.11 Fire Directory – Southwest Area Coordination Center

UNIT: **Southwest Area Coordination Center** 333 Broadway SE Albuquerque, New Mexico 87102	FIRE TELEPHONE NO.: **(505) 842-3473** **TOLL FREE:** NIGHT OR 24 HOUR NO.: (505) 842-3473 FACSIMILE NUMBER: (505) 842-3801 ELECTRONIC MAIL: nmswcmob@dms.nwcg.gov

NAME/TITLE	CITY/STATE	AREA CODE	OFFICE PHONE
HUGHES, Dugger Center Director	Albuquerque, NM	505	842-3880
BLACK, Richard Area Coordinator	"	"	842-3473
BEDONIE, Frank Area Coordinator	"	"	"
STEVENSON, Mindy Area Coordinator	"	"	"
JAYCOX, Kenan Dispatcher	"	"	"
JUGANARA, Bianca Dispatcher	"	"	"
ELLINGTON, Jay Intelligence Coordinator	"	"	"
MAXWELL, Chuck Fire Weather Program Manager	"	"	"
NADEN, Rich Fire Weather Meteorologist	"	"	"

51.12 Fire Directory – Western Great Basin Coordination Center

UNIT: **Western Great Basin Coordination Center** 1340 Financial Blvd. P. O. Box 12000 Reno, Nevada 89520	FIRE TELEPHONE NO.: **(775) 861-6455** **TOLL FREE**: **1-800-633-6097** NIGHT OR 24 HOUR NO.: (775) 861-6455 FACSIMILE NUMBER: (775) 861-6459 ELECTRONIC MAIL: nvwbcmob@dms.nwcg.gov

NAME/TITLE	CITY/STATE	AREA CODE	OFFICE PHONE
ST. CLAIR, Nelda Center Manager	Reno, NV	775	861-6455
KNUTSON, Bob Assistant Center Manager	"	"	"
DOMINGUES, Frank Aircraft Coordinator	"	"	"
ELLSWORTH, Nancy Logistics Dispatcher	"	"	"
BROWN, Sally Logistics Dispatcher	"	"	"
WIEGARD, Kathy Intelligence Coordinator	"	"	"
WOOLLEY, Rich Fire Weather Program Manager	"	"	"
SVETZ, Fred Fire Weather Program Assistant	"	"	"

52 Fire Directory – Bureau of Land Management (BLM)

52.1 Washington DC Office of Fire and Aviation Management

52.1.1 National Office of Fire and Aviation Management (NIFC)

52.2 Alaska Fire Service

52.3 Arizona State Office

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52.1 Fire Directory – BLM – Washington DC Office of Fire and Aviation Management

UNIT: **BLM Washington Office of Fire & Aviation** 1849 "C" Street NW, MS MIB, Room 5635 Washington, DC 20240-1849	FIRE TELEPHONE NO.: **(202) 208-4147 or 208-5099 or 208-5440** NIGHT OR 24 HOUR NO.: 1-800-386-8355 FACSIMILE NUMBER: (202) 289-3812 ELECTRONIC MAIL: First_Last Name@blm.gov

NAME/TITLE	CITY/STATE	AREA CODE	OFFICE PHONE
COLLINS, Rob Group Manager	Washington, DC	202	208-4147
VACANT Senior Technical Advisor	"	"	208-5099
BODNER, Tracey Administrative Assistant	"	"	208-5440
VACANT Fire Program Liason	"	"	"

52.1.1 Fire Directory – BLM – National Office of Fire and Aviation Management (NIFC)

UNIT: **BLM National Office of Fire & Aviation (FA-100)** 3833 S. Development Avenue Boise, Idaho 83705-5354	FIRE TELEPHONE NO.: **(208) 387-5446** **TOLL FREE**: NIGHT OR 24 HOUR NO.: (208) 387-5446 FACSIMILE NUMBER: (208) 387-5376 ELECTRONIC MAIL: First_Last Name@nifc.blm.gov

NAME/TITLE	CITY/STATE	AREA CODE	OFFICE PHONE
HAMILTON, Larry Director	Boise, ID	208	387-5447
MURPHY, Timothy Deputy Director	"	"	387-5446
BOATNER, Tom Group Manager, Fire Operations	"	"	387-5060
DASH, Dave Aviation Program Manager	"	"	387-5448
SEIDLITZ, Aden Group Manager, Planning/Resources	"	"	387-5154
BOWERS, Gary Group Manager, Support Services	"	"	387-5065
JEFFERY, Anne Chief, External Affairs	"	"	387-5895
CHIVERS, Debbie EEO Manager	"	"	387-5454
FREY, Tom International Program Coordinator	"	"	387-5167
WILLOUGHBY, Lynne Budget and Evaluation Chief	"	"	387-5161

52.2 Fire Directory – BLM – Alaska Fire Service

UNIT: **BLM – Alaska Fire Service** P. O. Box 35005 Ft. Wainwright, Alaska 99703-0005	FIRE TELEPHONE NO.: **(907) 356-5670** **TOLL FREE**: 1-800-258-7706 NIGHT OR 24 HOUR NO.: (907) 356-5670 FACSIMILE NUMBER: (907) 356-5517 ELECTRONIC MAIL: First_Last Name@ak.blm.gov

NAME/TITLE	CITY/STATE	AREA CODE	OFFICE PHONE
BILLING, Scott Manager, Alaska Fire Service	Ft. Wainwright, AK	907	356-5500
RIBAR, Joe Fire Staff Officer	"	"	356-5699
STRONG, Ed Chief, Fire Operations	"	"	356-5642
CURRY, Dave Manager, Alaska Interagency Coordination Center	"	"	356-5677
TRUITT, James Aviation Manager	"	"	356-5523
FIGARELLE, Mary Chief, Support Operations	"	"	356-5720
EGGER, Kelly Chief, Division of Business & Fiscal Management	"	"	356-5787
FRONTERHOUSE, , Beverly Chief, Information Systems	"	"	356-5591
KANE, Kelly Southern Fire Management Officer	"	"	267-1465
DEFRIES, Tami Military Fire Management Officer	"	"	356-5875
SLAUGHTER, Kent (Acting) Upper Yukon Fire Management Officer	"	"	356-5550
COE, Ken Tanana Fire Management Officer	"	"	356-5570

52.3 Fire Directory– BLM – Arizona State Office

UNIT: **BLM – Arizona State Office** 222 North Central Avenue Phoenix, Arizona 85004-2203	FIRE TELEPHONE NO.: **See Below** **TOLL FREE**: NIGHT OR 24 HOUR NO.: See Below FACSIMILE NUMBER: (602) 417-9554 ELECTRONIC MAIL: First_Last Name@blm.gov

NAME/TITLE	CITY/STATE	AREA CODE	OFFICE PHONE
McALPIN, Pam State Fire Management Officer	Phoenix, AZ	602	417-9309
VACANT Assistant State Fire Management Officer	"	"	417-9307
MILLER, Frank State Aviation Manager	"	"	417-9308
SALISBERRY, Scott Assistant State Aviation Manager	"	"	417-9683
MUELLER, Dave Fuels Program Manager	"	"	417-9359
VACANT Fire Operations Coordinator	"	"	
BURKHARDT, Glen Mitigation Specialist	"	"	417-9305

52.4 Fire Directory– BLM – California State Office

UNIT: **BLM – California State Office** 2800 Cottage Way, Room W 1834 Sacramento, California 95825-0451	FIRE TELEPHONE NO.: **(916) 978-4430** **TOLL FREE**: NIGHT OR 24 HOUR NO.: (916) 978-4430 FACSIMILE NUMBER: (916) 978-4438 ELECTRONIC MAIL: First_Last Name@blm.gov

NAME/TITLE	CITY/STATE	AREA CODE	OFFICE PHONE
WEHKING, Ed State Fire Management Officer	Sacramento, CA	916	978-4431
VACANT State Fire Operations Specialist	"	"	978-4437
BARNES. Craig Fuels Management Specialist	"	"	978-4433
CARDOZA, Gary State Equipment/Operations Specialist	"	"	978-4434
PARKAN, Chris Aviation Manager	"	"	978-4435
MORRILL, Miriam State Fire Mitigation Specialist	"	"	978-4436
NEWMAN, James State Fire Planner	"	"	978-4635
CARLSON, Ann Marie Fire Finance & Incident Business Management Specialist	"	"	978-4446
SMITH, Victoria Fire GIS Specialist	"	"	978-4428
GHERASIM, Alice Staff Assistant	"	"	978-4432
DUNCAN, Ed Northern Operations Interior Coordinator	Redding, CA	530	226-2801
MATARAZZI, Les Southern Operations Interior Coordinator	Riverside, CA	951	320-6145

52.5 Fire Directory – BLM – Colorado State Office

UNIT: **BLM – Colorado State Office** 2850 Youngfield Street Lakewood, Colorado 80215	FIRE TELEPHONE NO.: **(303) 445-4300** **TOLL FREE**: NIGHT OR 24 HOUR NO.: (303) 445-4300 FACSIMILE NUMBER: (303) 239-3811 ELECTRONIC MAIL: First_Last Name@blm.gov

NAME/TITLE	CITY/STATE	AREA CODE	OFFICE PHONE
PARKER, Andy Assistant State Fire Management Officer - OPS	Lakewood, CO	303	239-3693
WALLIS, Bill State Fire Management Officer	"	"	239-3689
FRARY, Mike Assistant State Fire Management Officer - Fuels	73544 Highway 64 Meeker, CO 81641	970	878-3820
SCHMIDT, Marcus Fire Ecologist/Smoke Management/Planning	Lakewood, CO	303	239-3607
HAMILTON, J. Kent State Aviation Manager	"	"	239-3809
BANG, Kim Fire Training Specialist	Grand Junction, CO	970	244-3183
CAROCHI, John Business Administration Specialist	Lakewood, CO	303	239-3804
MATHEWSON, Tim Meterologist	"	303	445-4309

52.6 Fire Directory – BLM – Idaho State Office

UNIT: **BLM – Idaho State Office** 1387 South Vinnell Way Boise, Idaho 83709-1657	FIRE TELEPHONE NO.: **(208) 373-3873** **TOLL FREE**: NIGHT OR 24 HOUR NO.: (208) 373-3873 FACSIMILE NUMBER: (208) 373-3850 ELECTRONIC MAIL: First_Last Name@blm.gov

NAME/TITLE	CITY/STATE	AREA CODE	OFFICE PHONE
JONES, Mark Fire Operations Specialist	Boise, ID	208	373-3855
BATES, Joe State Aviation Manager	"	"	373-3853
ANDERSON, Dale Fire Ecologist	"	"	378-3869
WEHKING, Leonard State Fire Management Officer	"	"	373-3851
GOLLNICK-WAID, Krista Fire Use Specialist	"	"	373-3856
SALO, Carol Fire Business Specialist	"	"	373-3852
VACANT State Fuels Specialist	"	"	378-4047
SKINNER, Jon State Mitigation Specialist	"	"	373-3854
FROST, Karin Human Resources Specialist	"	"	373-4054
VACANT Fire Program Assistant	"	"	373-3873
CHRISTENSEN, Kira STEP	"	"	373-3898

52.7 Fire Directory – BLM – Montana State Office

UNIT: **BLM – Montana State Office** (MT-925) 1299 Rimtop Drive Billings, Montana 59105	FIRE TELEPHONE NO.: **(406) 896-2917** **TOLL FREE**: NIGHT OR 24 HOUR NO.: (406) 896-2900 FACSIMILE NUMBER: (406) 896-2954 ELECTRONIC MAIL: First_Last Name@blm.gov

NAME/TITLE	CITY/STATE	AREA CODE	OFFICE PHONE
GILL, Phil State Fire Management Officer	Billings, MT	406	896-2914
MULLANEY, Pat Assistant State Fire Management Officer	"	"	896-2915
EDMONDS, Allen State Aviation Manager	"	"	896-2912
GRAY, Jim Fuel Program Manager	"	"	896-2911
DANNENBERG, Mike Fire Education/Mitigation Specialist	"	"	896-2913

52.8 Fire Directory – BLM – Nevada State Office

UNIT: **BLM – Nevada State Office** 1340 Financial Blvd. P. O. Box 12000 Reno, Nevada 89520	FIRE TELEPHONE NO.: **(775) 861-6450** **TOLL FREE**: NIGHT OR 24 HOUR NO.: (775) 861-6455 WGBCC FACSIMILE NUMBER: (775) 861-6668 ELECTRONIC MAIL: First_Last Name@blm.gov

NAME/TITLE	CITY/STATE	AREA CODE	OFFICE PHONE
VACANT Deputy SFMO Fire Operations	Reno, NV	775	861-6507
HULL, Kevin State Fire Management Officer	"	"	861-6670
HAYES, Everrell “Butch” Deputy SFMO Fuels and Planning	"	"	861-6479
GALL, Greg State Aviation Manager	"	"	861-6535
SAVOIE, Cindy Training/Qualifications Specialist	"	"	861-6521
GREGORY, Sandy Fuels/Fire Behavior Specialist	"	"	861-6514
GLINSKI, Ruta Mitigation/Education Specialist	"	"	861-6483
MORALES, Virginia Staff Assistant	"	"	861-6450

52.9 Fire Directory – BLM – New Mexico State Office

UNIT: **BLM – New Mexico State Office** P. O. Box 27115 Santa Fe, New Mexico 87502-0115	FIRE TELEPHONE NO.: **(505) 438-7640** **TOLL FREE**: NIGHT OR 24 HOUR NO.: (505) 842-3473 (SWCC) FACSIMILE NUMBER: (505) 438-7545 ELECTRONIC MAIL: First_Last Name@blm.gov

NAME/TITLE	CITY/STATE	AREA CODE	OFFICE PHONE
LEE, Bob State Fire Management Officer	Santa Fe, NM	505	438-7430
SELKIRK, John Assistant State FMO/State Aviation Manager	"	"	438-7431
MICHAUD, Karen Fuels Management Specialist	"	"	438-7500
BOTT, Dave Fire Operations Specialist	"	"	438-7580
HUGHES, Dugger SWCC Center Manager	Albuquerque, NM	"	842-3880
HUMMEL, Donna Community Assistance &Mitigation Specialist	Santa Fe, NM	"	438-7404
MILLER, Shana Fire Business Specialist	"	"	438-7589
BYE, Lisa Smoke Management Specialist (NM AQB)	"	"	955-8061
LUEVANO, Charley Training Specialist (FUTA)	Albuquerque, NM	"	842-3114
GRIEGO, Carmen Fire Program Assistant	Santa Fe, NM	"	438-7640

52.10 Fire Directory – BLM – Oregon/Washington State Office

UNIT: **BLM – Oregon/Washington State Office** P. O. Box 2965, Portland, Oregon 97208 333 SW First Avenue Portland, Oregon 97204	FIRE TELEPHONE NO.: **(503) 808-2720 (NWCC)** NIGHT OR 24 HOUR NO.: FACSIMILE NUMBER: (503) 808-2750 (NWCC) ELECTRONIC MAIL: First_Last Name@blm.gov

NAME/TITLE	CITY/STATE	AREA CODE	OFFICE PHONE
SIDEBOTHAM, Leo State Fire Management Officer	Portland, OR	503	808-6590
WOOD, Karyn Director, Forest Service R6	"	"	808-2145
GOSSARD, Carl Group Leader, Operations	"	"	808-6461
SNELL, Ken Group Leader, Planning	"	"	808-2136
HILLIN, Clay State Aviation Manager	"	"	808-6593
SUMMER, David Fire Specialist/IFPM	"	"	808-2143
FURLONG, Jim Operations Specialist	"	"	808-6518
KENNEDY, Barbara Cooperative Fire Protection/RFA	"	"	808-2323
BROWN, Terry Equipment/Contract Specialist	"	"	808-2328
STEWART, Julie Aviation Safety SpecialistAirspace Coordinator	"	"	808-6728
RICH, Tim Wildland Fire Use	"	"	808-2934
CHRISTIANSEN, Erik Fuels Management Specialist	"	"	808-6592

52.11 Fire Directory – BLM – Utah State Office

UNIT:	FIRE TELEPHONE NO.:
BLM – Utah State Office 324 South State Street, Suite 230 (84111) P. O. Box 45155 Salt Lake City, Utah 84145-0155	**TOLL FREE**: NIGHT OR 24 HOUR NO.: (801) 550-9856 FACSIMILE NUMBER: (801) 539-4198 ELECTRONIC MAIL: First_Last Name@blm.gov

NAME/TITLE	CITY/STATE	AREA CODE	OFFICE PHONE
WIMMER, Sheldon State Fire Management Officer	Salt Lake City, UT	801	539-4091
HART, Randy Assistant State Fire Management Officer	"	"	539-4277
WATKINS, Laura Staff Assistant	"	"	539-4130
BROWN, Jack ESR Coordinator	"	"	539-4064
BURKE, John State Aviation Manager	"	"	539-4241
HILLMAN, Vi Interagency Fire Training Specialist	"	"	539-4092
MARZEC, Susan Community Assistance/Mitigation Specialist	"	"	539-4028
NORDRUM, Jaki Utah Training Coordinator	"	"	539-4127
POLLETT, Jolie State Fire Ecologist	"	"	539-4129
SCOTT, Jeff Fire Business Specialist	"	"	539-4296
SHEFFEY, Jack GIS Specialist	"	"	539-4213
WASHA, Brad Fuels Management Specialist	"	"	539-4246

52.12 Fire Directory – BLM – Wyoming State Office

UNIT: **BLM – Wyoming State Office** 5353 Yellowstone Road P. O. Box 1828 Cheyenne, Wyoming 82003	FIRE TELEPHONE NO.: **1-800-295-9953** **TOLL FREE**: NIGHT OR 24 HOUR NO.: 1-800-295-9954 FACSIMILE NUMBER: (307) 775-6317 ELECTRONIC MAIL: First_Last Name@blm.gov

NAME/TITLE	CITY/STATE	AREA CODE	OFFICE PHONE
GLENN, John Fire Management Officer	Cheyenne, WY	307	775-6234
ECKERT, Steve State Fire Operations	"	"	775-6235
KLEINER, Kurt State Aviation Manager	"	"	775-6237
MEANS, Robert Fire/Fuels Management Specialist	"	"	775-6287
HERREN, Vicki Fire Ecologist	"	"	775-6120
JOHNSON, Kermit Incident Business Management Specialist	"	"	775-6086

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53 Fire Directory – Forest Service (FS)

53.1 Washington DC A&FM Office

53.2 National Interagency Fire Center (NIFC)

53.3 Region 1

53.4 Region 2

53.5 Region 3

53.6 Region 4

53.7 Region 5

53.8 Region 6

53.9 Region 8

53.10 Region 9

53.11 Region 10

53.12 Northeastern Area, State & Private Forestry

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53.1 Fire Directory – FS – Washington DC A&FM Office

UNIT: **Washington FAM** 1400 Independence Avenue SW Mail Stop 1107 Washington, DC 20250-0003	FIRE TELEPHONE NO.: **(202) 205-0888** **TOLL FREE**: NIGHT OR 24 HOUR NO.: FACSIMILE NUMBER: (202) 205-1272 ELECTRONIC MAIL: wo@fs.fed.us

NAME/TITLE	CITY/STATE	AREA CODE	OFFICE PHONE
HARBOUR, Tom National Director	Washington, DC	202	205-1483
VACANT Deputy Director	"	"	205-2496
FORBES, Alice Assistant Director, Wildland Fire Operations	Boise, ID	208	387-5605
ANDERSON, Janet Assistant Director, Fire Ecology & Training	Washington, DC	202	205-1489
VACANT Assistant Director, Aviation Management	"	"	205-1505
LATAPIE, Buck Assistant Director, Planning & Budget	"	"	205-1501
HOLLENSHEAD, Ed Wildland Fire Ground Safety Specialist	Boise, ID	208	387-5102
HANKS, Ron National Aviation Safety & Training Manager	"	"	387-5607
HENDERSON, Tory Fire Chemicals & Equipment Branch Chief	"	"	387-5348
WANDS, Rich NARTC Director	NARTC	520	670-6414 Ext. 100

53.2 Fire Directory – FS – National Interagency Fire Center (NIFC)

UNIT: **USFS – National Interagency Fire Center** 3833 S. Development Avenue Boise, Idaho 83705-5354	FIRE TELEPHONE NO.: **(208) 387-5400** **TOLL FREE**: NIGHT OR 24 HOUR NO.: (208) 387-5400 FACSIMILE NUMBER: (208) 387-5398 ELECTRONIC MAIL: First Initial Last Name@fs.fed.us

NAME/TITLE	CITY/STATE	AREA CODE	OFFICE PHONE
FORBES, Alice Director	Boise, ID	208	387-5605
HITCHCOCK, Neal Deputy Director	"	"	387-5949
MOLIS, Cheryl Administrative Officer	"	"	387-5608
COMMUNICATIONS DUTY OFFICER	"	"	387-5644
JENKINS, Steve Communication Manager/IR	"	"	387-5485
WILLIS, Rick Contracting Officer	"	"	387-5669
SEXTON, Tim Wildland Fire Use Program	"	"	387-5223
NORBURY, Pat National Aviation/Operations Officer	"	"	387-5646
NATIONAL INFO SYSTEMS GROUP	"	800	253-5559
APICELLO, Mike Public Information	"	208	387-5460
DAVIS, Rose Public Information	"	"	387-5437

53.3 Fire Directory – FS – Region 1

UNIT: **FS – Region 1** P. O. Box 7669 Missoula, Montana 59807	FIRE TELEPHONE NO.: **(406) 329-3401** **TOLL FREE**: NIGHT OR 24 HOUR NO.: (406) 329-4880 FACSIMILE NUMBER: (406) 329-3132 ELECTRONIC MAIL: First Initial Last Name@fs.fed.us

NAME/TITLE	CITY/STATE	AREA CODE	OFFICE PHONE
VACANT Deputy Director	Missoula, MT	406	329-3296
VACANT Director, Fire & Aviation and Air	"	"	329-3402
HAFENFELD, Rick Regional Aviation Officer	"	"	329-4903
MORRIS, Eddie Regional Aviation Safety Manager	"	"	329-4918
LASKO, Rich Fire Use Specialist	"	"	329-3232
SCOFIELD, Cathy Cooperative Fire Management	"	"	329-3409
BLACK, Don Program, Planning, and Development	"	"	329-3266
NIMLOS, Tracey Executive Assistant	"	"	329-3401
SCUSSEL, Jeff Workforce, Safety, and Training	"	"	329-3404
WHITLOCK, Roberta Incident Business Management Specialist	"	"	329-3331
WARD, Edmund R-1 Smokejumper Program Manager	"	"	329-4893

53.4 Fire Directory – FS – Region 2

UNIT: **FS – Region 2** P. O. Box 25127 740 Simms Street Lakewood, Colorado 80225	FIRE TELEPHONE NO.: **(303) 275-5350** **TOLL FREE**: NIGHT OR 24 HOUR NO.: (303) 445-4300 FACSIMILE NUMBER: (303) 275-5754 ELECTRONIC MAIL: First Initial Last Name@fs.fed.us

NAME/TITLE	CITY/STATE	AREA CODE	OFFICE PHONE
KRUGMAN, Jim Branch Chief, Fire Operations	Lakewood, CO	303	275-5228
CLEMENT, Dave Deputy Branch Chief, Fire Operations	"	"	275-5791
WIEBE, Lindon Deputy Director, S&PF/F&AM	"	"	275-5750
MARTINEZ, Al Regional Fire Safety Officer	"	"	275-5336
LANDON, Tom Branch Chief, Regional Aviation Officer	"	"	275-5740
PUPULIDY, Ivan Branch Chief, Regional Aviation Safety	"	"	275-5711
DOMINGUEZ, Hank Regional Helicopter Specialist	Broomfield, CO	"	"
BOCHE, Mark Director, S&PF/F&AM	Lakewood, CO	"	"
LANGOWSKI, Paul Branch Chief, Fuels and Ecology	"	"	445-5307

53.5 Fire Directory – FS – Region 3

UNIT: **FS – Region 3** USDA FS R-3 333 Broadway Blvd., S.E. Albuquerque, New Mexico 87102	FIRE TELEPHONE NO.: **(505) 842-3473** **TOLL FREE**: NIGHT OR 24 HOUR NO.: (505) 842-3473 FACSIMILE NUMBER: (505) 842-3806 ELECTRONIC MAIL: First Initial Last Name@fs.fed.us (for Tom Zimmerman) firstnamelastname@fs.fed.us

NAME/TITLE	CITY/STATE	AREA CODE	OFFICE PHONE
ZIMMERMAN, Tom Director, Fire & Aviation Management	Albuquerque, NM	505	842-3350
WATERBURY, Bill Assistant Director, Operations	"	"	842-3418
BEDDOW, Tom Deputy Director, Fire & Aviation Manager	"	"	842-3206
BEGAY, Willie BIA Tri-Area Assistant Director	"	"	842-3133
ROTUNDA, Mike Regional Aviation Officer	"	"	842-3359
HINDMAN, Larry Aviation Safety R-3	"	"	842-3351
BACA, Mike Prevention and WUI Specialist	"	"	842-3804
BRUDEVOLD BLACK, Ginger Assistant Director, Fire Planning	"	"	842-3352
ZAMORA, Bill Fire Business Management/Budget	"	"	842-3170
HALL, Roy Assistant Director, Fuels	"	"	842-3894
MACDONALD, Jerome Training and Safety	"	"	842-3140

53.6 Fire Directory – FS – Region 4

UNIT: **FS – Region 4** 324 25th Street Ogden, Utah 84401	FIRE TELEPHONE NO.: **(801) 531-5320** **TOLL FREE**: NIGHT OR 24 HOUR NO.: (801) 531-5320 FACSIMILE NUMBER: (801) 625-5594 ELECTRONIC MAIL: First Initial Last Name@fs.fed.us

NAME/TITLE	CITY/STATE	AREA CODE	OFFICE PHONE
DUDLEY, Mike Director, Fire, Aviation, & Air Management	Ogden, UT	801	625-5507
VACANT Deputy Director-Operations	"	"	625-5513
KUHN, Bob Deputy Director - Aviation	"	"	625-5511
HOLDSAMBECK, Steve Fire Operations Safety Officer	"	"	625-5719
MORRISON, Jim Aviation Safety Officer	"	"	625-5510
THOMAS, Dave Fuels Specialist	"	"	625-5505
KOPPENOL, Patti Fire Use Specialist	"	"	625-5403
PROVENCIO, Dave Fire Operations Specialist	"	"	625-5565
KISER, Ken Cooperative Fire Specialist	"	"	625-5264
KNIELING, Barbara Fire Planner/Budget Coordinator	"	"	625-5508
HILLMAN, Vi Interagency Fire Training Specialist	"	"	539-4092
HARTOG, Jeannette Interagency Fire Prevention Specialist	"	"	625-5245

53.7 Fire Directory – FS – Region 5

UNIT: **FS – Region 5** USDA Forest Service Pacific Southwest Region 1323 Club Drive Vallejo, California 94592	FIRE TELEPHONE NO.: **(707) 562-8737** **TOLL FREE**: NIGHT OR 24 HOUR NO.: (530) 226-2800 FACSIMILE NUMBER: (707) 562-9048 ELECTRONIC MAIL: First Initial Last Name@fs.fed.us

NAME/TITLE	CITY/STATE	AREA CODE	OFFICE PHONE
QUINTANAR, Ray Director, Fire & Aviation Management	Vallejo, CA	707	562-8927
VACANT Deputy Director	"	"	562-8925
HULBERT, Dennis Regional Aviation Officer	Sacramento, CA	916	640-1033
BIEHL, Gary Fire Planning & Asst. Director, Strategic Planning	Sonora, CA	209	532-3671 Ext.315
DOWNING, Judith Cooperative Fire Liaison	Vallejo, CA	707	562-8783
HERMIT, Ray Cooperative Fire Liaison	"	"	562-8926
VACANT Assistant Director, Fuels Management	"	"	
WITWER, Rusty Regional Training Officer	Sacramento, CA	916	640-1052
BROWN, Dennis Aviation Safety Officer	"	"	640-1038
TOLOSANO, Peter Ground Safety Officer	"	"	640-1050

53.8 Fire Directory – FS – Region 6

UNIT: **FS – Region 6** P. O. Box 3623 333 SW First Avenue Portland, Oregon 97204	FIRE TELEPHONE NO.: **(503) 808-2720 (NWCC)** NIGHT OR 24 HOUR NO.: (503) 808-2720 FACSIMILE NUMBER: (503) 808-6799 (SO) (503) 808-2586 (R6) ELECTRONIC MAIL: First Initial Last Name@fs.fed.us

NAME/TITLE	CITY/STATE	AREA CODE	OFFICE PHONE
WOOD, Karyn Director	Portland, OR	503	808-2145
SIDEBOTHAM, Leo State Fire Management Officer	"	"	808-6590
GOSSARD, Carl Assistant Director of Operations	"	"	808-6461
SNELL, Ken Deputy Director	"	"	808-2136
ROLLENS, Jon Assistant Director, Aviation	"	"	808-2359
SUMMER, David Safety Officer/FEMA Contact	"	"	808-2143
FURLONG, Jim Operations Specialist	"	"	808-6518
KENNEDY, Barbara Cooperative Fire Protection	"	"	808-2323
BROWN, Terry Equipment/Contract Specialist	"	"	808-2328
BULGER, Bill Aviation Safety Specialist	"	"	808-2314
RICH, Tim Wildland Fire Use	"	"	808-2934
EVERS, Louisa Wildland Fire Use	"	"	"

53.9 Fire Directory – FS – Region 8

UNIT: **FS – Region 8** 1720 Peachtree Road NW, Suite 846 Atlanta, Georgia 30309	FIRE TELEPHONE NO.: **(404) 347-4243** **TOLL FREE**: NIGHT OR 24 HOUR NO.: (678) 320-3000 (SAC) FACSIMILE NUMBER: (404) 347-2836 ELECTRONIC MAIL: First Initial Last Name@fs.fed.us

NAME/TITLE	CITY/STATE	AREA CODE	OFFICE PHONE
ROUNSAVILLE, Marc Director	Atlanta, GA	404	347-3464
OLSEN, Dan Assistant Director, National Fire Plan	"	"	347-2347
FERGUSON, Joe Assistant Director, Fire Operations	"	"	347-2726
HERBSTER, Ron Deputy Fire Operations	"	"	347-7626
BROADNAX, Dave Assistant Director, Regional Aviation Officer	"	"	347-3735
VACANT Regional Aviation Safety Manager	"	"	347-1623
FINLEY, Jack Helicopter Operations Specialist	"	770	237-0119
VACANT Regional Fuels Specialist	"	404	347-3192
HOWARD, Lynne Regional Training Specialist	"	"	347-2595
GRIMES, Larry Operations Safety	"	"	347-1025

53.10 Fire Directory – FS – Region 9

UNIT: **FS – Region 9** 310 W. Wisconsin Avenue, Suite 500 Milwaukee, Wisconsin 53203-2200	FIRE TELEPHONE NO.: **(414) 297-3600** **TOLL FREE**: NIGHT OR 24 HOUR NO.: (612) 713-7300 FACSIMILE NUMBER: (414) 297-3642 ELECTRONIC MAIL: First Initial Last Name@fs.fed.us

NAME/TITLE	CITY/STATE	AREA CODE	OFFICE PHONE
VACANT Team Leader, Fire & Aviation Management	Milwaukee, WI	414	297-1280
VACANT Fire & Emergency Operations	"	"	297-3682
REYNOLDS, Bill Ground Safety, Training, and Prevention Specialist	Milwaukee, WI WI Office	414 715	297-3977 477-0828
LaFARR, Sandra Regional Aviation Officer	Milwaukee, WI	414	297-3744
MORGAN, Gary Aviation Safety Manager	"	"	297-3632
HOCKING, Scott R1/R9 Helicopter Operations Specialist	St. Paul, MN	612	713-7301
MORIARITY, Dan Regional Fire Planner	Milwaukee, WI	414	297-3446
KOONCE, Andrea Regional Fuels Specialist	"	"	297-1812
LAHTI, Kate Fire Business Management	Cass Lake, MN	218	335-8630

53.11 Fire Directory – FS – Region 10

UNIT: **FS – Region 10** State & Private Forestry 3301 C Street, Suite 202 Anchorage, Alaska 99503	FIRE TELEPHONE NO.: **(907) 743-9455** **TOLL FREE**: NIGHT OR 24 HOUR NO.: (907) 230-3621 FACSIMILE NUMBER: (907) 743-9479 ELECTRONIC MAIL: First Initial Last Name@fs.fed.us

NAME/TITLE	CITY/STATE	AREA CODE	OFFICE PHONE
MASON, Andy Director – State & Private Forestry	Anchorage, AK	907	743-9452
VACANT Assistant Director, Fire Program	"	"	
VACANT Fire/International Forestry Program Manager	"	"	
THOMPSON, Willie R. Regional Fire Safety & Training Specialist	"	"	743-9440
LEHNHAUSEN, Gary Acting Cooperative Fire Specialist	"	"	743-9458
KNOWLES, Ron Fire Business Management	"	"	743-9462
VACANT Regional Fire Logistics Coordinator	Fairbanks, AK	"	356-5676
LISTON, John Regional Aviation Officer	Juneau, AK	"	586-8837
BINGHAM, Boyce Aviation Safety Manager	"	"	586-8740
GALLOWAY, Dave Helicopter Operations Specialist	"	"	586-8782
COOK, Michael Aviation Maintenance	"	"	586-8770

53.12 Fire Directory – FS – Northeastern Area, State & Private Forestry

UNIT: **FS – Northeastern Area S&PF** 11 Campus Boulevard, Suite 200 Newtown Square, PA 19073	FIRE TELEPHONE NO.: **(610) 557-4152** **TOLL FREE**: NIGHT OR 24 HOUR NO.: (610) 557-4161 FACSIMILE NUMBER: (610) 557-4154 ELECTRONIC MAIL: First Initial Last Name@fs.fed.us

NAME/TITLE	CITY/STATE	AREA CODE	OFFICE PHONE
TERRY, Billy Director, Fire	Newtown Square, PA	610	557-4145
HARTLOVE, Robert Fire and Emergency Operations	"	"	557-4161
ZIMMERMAN, Dan Aviation Officer	"	"	557-4147
ZENTZ, Alan State Fire Assistance, Prog. Mgr., Prescribed Fire	"	"	557-4108
VACANT Fire Planner, WUI/Prevention Specialist	"	"	557-4146
BRADY, Tom Fire Specialist	Laconia, NH	603	528-8746
POLASKY, Jan Volunteer Fire Assistance & FEPP Manager	Newtown Square, PA	610	557-4144
GROSMAN, John Fire Training Coordinator	"	"	557-4151

54 Fire Directory – Fish and Wildlife Service (FWS)

54.1 National Interagency Fire Center (NIFC)

54.2 Region 1

54.3 Region 2

54.4 Region 3

54.5 Region 4

54.6 Region 5

54.7 Region 6

54.8 Region 7

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54.1 Fire Directory – FWS – National Interagency Fire Center (NIFC)

UNIT: **FWS – National Interagency Fire Center** 3833 S. Development Avenue Boise, Idaho 83705-5354	FIRE TELEPHONE NO.: **(208) 387-5400** **TOLL FREE**: NIGHT OR 24 HOUR NO.: (208) 387-5400 FACSIMILE NUMBER: (208) 387-5668 ELECTRONIC MAIL: First_Last Name@fws.gov

NAME/TITLE	CITY/STATE	AREA CODE	OFFICE PHONE
STREET, Phil Chief, Fire Management Branch	Boise, ID	208	387-5596
McMANUS, Brian Deputy Chief	"	"	387-5583
BLOMS, Rod Fire Operations & Safety	"	"	387-5599
SEGAR, John Fuels Program Coordinator	"	"	387-5976
KISPAUGH, Amy Fire Budget Specialist	"	"	387-5502
GLEASON, Karen Outreach Coordinator/Fire Information Officer	"	"	387-5891
OLSON, Andrea Computer Specialist	"	"	387-5597
LEENHOUTS, Bill Fire Ecologist	"	"	387-5584
BALLARD, Lou Fire Management Specialist	"	"	947-3779
AIKEN, Deb Administrative Officer	"	"	387-5536
BORZIK, Joette Fire Training Specialist	Shepherdstown, WV	304	876-7749
LATTERALL, Art National Fire Plan Coordinator	Washington, DC	703	358-2340

54.2 Fire Directory – FWS – Region 1

UNIT: **FWS – Region 1** 911 NE 11th Avenue Portland, Oregon 97232-4181	FIRE TELEPHONE NO.: **(503) 736-4750** **TOLL FREE**: NIGHT OR 24 HOUR NO.: FACSIMILE NUMBER: (503) 231-2364 (Type: Omnifax) ELECTRONIC MAIL: First_Last Name@fws.gov

NAME/TITLE	CITY/STATE	AREA CODE	OFFICE PHONE
ENSLEY, Pam Regional Fire Management Coordinator	Portland, OR	503	231-6174
SPAULDING. Roger Regional Fire Management Officer	"	"	231-6175
HOLCOMB, John Regional Prescribed Fire Specialist	"	"	872-2756
HAGEDORN, Greg Fire Management Specialist	"	"	231-6769
BABB, Bruce Wildland Urban Interface Coordinator	"	"	231-6234
GEORGE, Rico Field WUI Coordinator	Stevenson, WA	509	427-0023
SEIDMAN, Dennis Field WUI Coordinator	"	"	427-4256
ROBERTS, James Fire Planner	Portland, OR	503	231-2253
STOAKES, Cynthia Fire Clerk	"	"	736-4750
VACANT Fire Ecologist	Portland, OR	503	872-2756
MOORE, Stephen Chief, Refuge Operations	"	"	231-6177

54.3 Fire Directory – FWS – Region 2

UNIT:	FIRE TELEPHONE NO.: **(505) 248-6473** **TOLL FREE**: NIGHT OR 24 HOUR NO.: FACSIMILE NUMBER: (505) 248-6475 ELECTRONIC MAIL: First_Last Name@fws.gov
FWS – Region 2 P. O. Box 1306 – Refuges/Fire Albuquerque, New Mexico 87103	

NAME/TITLE	CITY/STATE	AREA CODE	OFFICE PHONE
VACANT Regional Fire Management Coordinator	Albuquerque, NM	505	248-6474
KAIB, Mark Fire Ecologist	"	"	248-6419
DEROSEAR, Loren Fire Operations Specialist	"	"	248-6848
ROLLER, Tricia Prescribed Fire Specialist	"	"	248-6422
GUFFEY, Lorene Wildland Urban Interface Coordinator	"	"	248-6421
WINSHIP, Kathy Administrative Officer	"	"	248-7486
JONES, Janie Fire Program Assistant	"	"	248-6473
MAXWELL, Charles Meteorologist	"	"	842-3419

54.4 Fire Directory – FWS – Region 3

UNIT: **FWS – Region 3** BHW Federal Building, 1 Federal Drive Fort Snelling, Minnesota 55111	FIRE TELEPHONE NO.: **(612) 713-5366** NIGHT OR 24 HOUR NO.: (507) 263-8878 or (612) 845-9351 FACSIMILE NUMBER: (612) 713-5286 ELECTRONIC MAIL: First_Last Name@fws.gov

NAME/TITLE	CITY/STATE	AREA CODE	OFFICE PHONE
LENTZ, Dave Chief, Branch of Fire Management	Fort Snelling, MN	612	713-5366
CALVERT, Valdo Regional WUI/RFA Coordinator	"	"	713-5445
HEPOLA, Tim Regional Fire Ecologist	"	"	713-5479
REIBER, Anna Regional Fire Program Specialist	"	"	713-5464
DEARBORN, Dan Zone Fire Management Officer (Minnesota)	Odessa, MN	320	273-2191
ZELLMER, Tom Zone Fire Management Officer (Wisconsin)	Portage, WI	608	742-7100 Ext. 12
BERGER, Cliff Zone Fire Management Officer (Iowa, Missouri, Illinois)	Quincy, IL	217	224-8580
NURSE, Steve Zone Fire Management Officer (Michigan, Ohio, Indiana)	Mio, MI	989	826-1783

54.5 Fire Directory – FWS – Region 4

UNIT: **FWS – Region 4** 1875 Century Blvd., Suite 420 Atlanta, Georgia 30345	FIRE TELEPHONE NO.: **(404) 679-7191** **TOLL FREE**: NIGHT OR 24 HOUR NO.: (404) 386-1873 FACSIMILE NUMBER: (404) 679-7272 ELECTRONIC MAIL: First_Last Name@fws.gov

NAME/TITLE	CITY/STATE	AREA CODE	OFFICE PHONE
BOYKIN, Roger Regional Fire Management Coordinator	Atlanta, GA	404	679-7191
EATON, Robert Asst. Regional Fire Management Coordinator	"	"	679-7190
KUBIAK, Pete Regional Prescribed Fire Specialist	"	"	679-7244
BROWNLIE, Dave Regional Fire Ecologist	Tallahassee, FL	850	893-4153
GRACE, Sue Regional Fire Ecologist	Lacombe, LA	985	882-2008
CREWS, Tom District 1 Fire Management Officer	Manteo, NC	252	473-1131
JENKINS, Terri District 2 Fire Management Officer	Savannah, GA	912	652-4415
WETZEL, Fred District 3 Fire Management Officer	Folkston, GA	"	496-7366
HUBBS, Heidi District 4 Fire Management Officer	St. Marks, FL	850	925-6121
STRATTON, Glen District 5 Fire Management Officer (Acting)	Titusville, FL	321	861-6695
DURRWACHTER, Jim District 6 Fire Management Officer	Naples, FL	239	353-8442
WILDER, Tony District 7 Fire Management Officer	Gautier, MS	228	497-5780

54.6 Fire Directory – FWS – Region 5

UNIT: **FWS – Region 5** 31000 Desert Road Suffolk, Virginia 23434	FIRE TELEPHONE NO.: **(757) 986-3409** NIGHT OR 24 HOUR NO.: (757) 468-4769 Cell: (757) 647-1992 FACSIMILE NUMBER: (757) 986-3929 ELECTRONIC MAIL: First_Last Name@fws.gov

NAME/TITLE	CITY/STATE	AREA CODE	OFFICE PHONE
CARTER, Allen Regional Fire Management Coordinator	Suffolk, VA	757	986-3409 Ext. 101
DAVIS, Mike Regional Prescribed Fire Specialist	"	"	986-3409 Ext. 105
HUBNER, Steve Regional WUI Coordinator	"	"	986-3409 Ext. 104
HARRIS, Bob WUI Specialist, North Zone	Wells, ME	207	646-9099
VICKERS, Gerald WUI Specialist, South Zone	Cambridge, MD	410	228-2692 Ext. 123
CRAIG, Tim Fire Management Officer, South	Suffolk, VA	757	986-3480
DURFEE, Mike Fire Management Officer, Central	Sussex, NJ	973	702-7266
KRISH, Joe Fire Management Officer, Blackwater NWR	Cambridge, MD	410	228-2692 Ext. 128
VOLLICK, Rick Fire Management Officer, North	Old Town, ME	207	827-6138 Ext. 22

54.7 Fire Directory – FWS – Region 6

UNIT: **FWS – Region 6** P. O. Box 25486, Denver Federal Center Denver, Colorado 80225	FIRE TELEPHONE NO.: **(303) 236-8125** **TOLL FREE**: NIGHT OR 24 HOUR NO.: (303) 378-3086 FACSIMILE NUMBER: (303) 236-4792 ELECTRONIC MAIL: First_Last Name@fws.gov

NAME/TITLE	CITY/STATE	AREA CODE	OFFICE PHONE
KELTON, Jim Regional Fire Management Coordinator	Denver, CO	303	236-8125
CARTER, David Assistant Regional Fire Management Coordinator	"	"	236-8110
KERR, Ken Zone Fire Management Officer – NE/CO/KS	Lakewood, CO	"	445-4369
DEL GROSSO, Shane Zone Fire Management Officer – ND/SD	Huron, ND	605	352-5894 Ext. 16
REBARCHIK, Bob Zone Fire Management Officer – MT/WY/UT	Missoula, MT	406	329-4749
STERRY, Richard WUI Field Coordinator – CO/KS/NE	Ft. Collins, CO	970	295-6645
WILLOUGHBY, Richard WUI Field Coordinator – ND/SD	Minot, ND	701	839-0405
BEETCH, Neal Regional WUI Coordinator	Lakewood, CO	303	445-4367
GREEN, Galen Regional Fire Ecologist	"	"	236-8124

54.8 Fire Directory – FWS – Region 7

UNIT: **FWS – Region 7** 1011 E. Tudor Road Anchorage, Alaska 99503-6199	FIRE TELEPHONE NO.: **(907) 786-3497** **TOLL FREE**: NIGHT OR 24 HOUR NO.: (907) 351-6817 FACSIMILE NUMBER: (907) 786-3932 ELECTRONIC MAIL: First_Last Name@fws.gov

NAME/TITLE	CITY/STATE	AREA CODE	OFFICE PHONE
LONG, Gene Regional Fire Management Coordinator	Anchorage, AK	907	786-3497
KWART, Mary Wildland-Urban Interface Coordinator	"	"	786-3985
NEWBOULD, Doug Fire Management Officer – Fenai NWR	Soldotna, AK	"	260-5994
BUTTER, Peter Fire Management Officer – Tetlin NWR	Tok, AK	"	883-9415
LAMBRECHT, Robert FMO – Koyukuk/Nowitna/Innoko/Selawik NWRs	Galena, AK	"	656-1231
PATTON, Sam FMO – Yukon Flats/Arctic/Kanuti NWRs	Fairbanks, AK	"	456-0467
MURPHY, Karen Fire Ecologist	Anchorage, AK	"	786-3501
THORPE, Laurie Program Specialist	"	"	786-3537

55 Fire Directory – National Park Service (NPS)

55.1 National Interagency Fire Center (NIFC)

55.2 Alaska Region

55.3 Northeast Region

55.4 Midwest Region

55.5 National Capital Region

55.6 Intermountain Region

55.7 Southeast Region

55.8 Pacific West Region

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55.1 Fire Directory – NPS – National Interagency Fire Center (NIFC)

UNIT: **NPS – National Interagency Fire Center** 3833 S. Development Avenue Boise, Idaho 83705-5354	FIRE TELEPHONE NO.: **(208) 387-5400** **TOLL FREE**: NIGHT OR 24 HOUR NO.: (208) 387-5400 FACSIMILE NUMBER: (208) 387-5250 ELECTRONIC MAIL: First_Last Name@nps.gov

NAME/TITLE	CITY/STATE	AREA CODE	OFFICE PHONE
VAP, Sue National Fire Management Officer	Boise, ID	208	387-5225
BROYLES, Paul Chief, Fire Operations and Safety	"	"	387-5226
BOTTI, Steve Program/Budget Manager	"	"	387-5210
WALLACE, Mike Fire Science/Ecology	"	"	387-5215
JOHNSON, Merrie Training/Quals/Business Management	"	"	387-5224
D'AMICO, Roberta Communication Education	"	"	387-5239
DOUGLAS, Pam Administrative Officer	"	"	387-5211
CRABTREE, Gladys Information Resource Management	"	"	387-5214
WILLIAMS-RHODES, Edy Division Chief, Fire and Aviation Management	Washington, DC	202	513-7133
GASSER, Erv BAER Team (Burned Area Emergency Rehab)	Seattle, WA	206	220-4263

55.2 Fire Directory – NPS – Alaska Region

UNIT: **NPS – Alaska Region** 240 W. 5th Avenue, Room 114 Anchorage, Alaska 99501	FIRE TELEPHONE NO.: **(907) 644-3409** **(907) 223-1892** NIGHT OR 24 HOUR NO.: FACSIMILE NUMBER: (907) 644-3809 ELECTRONIC MAIL: First_Last Name@nps.gov

NAME/TITLE	CITY/STATE	AREA CODE	OFFICE PHONE
CELLA, Brad Regional Fire Management Officer	Anchorage, AK	907	644-3409
LaMAY, Karen Regional Fire Program Assistant	"	"	644-3412
HENDERSON, Marsha Fire Management Officer – Eastern Area	Fairbanks, AK	"	455-0650
WARTHIN, Dan Fire Management Officer – Western Area	Denali Park, AK	"	683-9548
BARNES, Ken Aviation Coordinator	Anchorage, AK	"	644-3407
MILLER, Morgan Communication, Education, and Prevention	Denali Park, AK	"	683-6423
ALLEN, Jennifer Fire Ecologist	Fairbanks, AK	"	455-0652
SORBEL, Brian Fire GIS Specialist	Anchorage, AK	"	644-3413

55.3 Fire Directory – NPS – Northeast Region

UNIT: **NPS – Northeast Region** Boston Fire Staff (BOS), 15 State Street, Boston, Massachusetts 02109 Philadelphia Regional Office (NER), 200 Chestnut St., Third Floor, Philadelphia, Pennsylvania 19106	FIRE TELEPHONE NO.: **(617) 223-5067 (BOS)** **(540) 999-3411 (NER)** NIGHT OR 24 HOUR NO.: (703) 999-3422 FACSIMILE NUMBER: (617) 223-5165 (BOS) or (215) 597-0064 (NER) ELECTRONIC MAIL: First_Last Name@nps.gov

NAME/TITLE	CITY/STATE	AREA CODE	OFFICE PHONE
HEAD, Paul Fire Management Officer	Boston, MA	617	223-5067
WALLNER, Douglas Prescribed Fire Specialist	Philadelphia, PA	215	597-7140
VACANT Fire Program Assistant	Boston, MA	617	223-5330
STEWART, Barb Prevention, Education, and Information	Charlottesville, VA	434	977-1375 Ext. 3365
RITCHIE, Brenda EICC Coordinator	Luray, VA	540	999-3422
HULSE, Jane Fire Dispatcher	"	"	999-3418
MAZZEO, Joe Structural Fire	Boston, MA	617	223-5221

55.4 Fire Directory – NPS – Midwest Region

UNIT: **NPS – Midwest Region** 1709 Jackson Street Omaha, Nebraska 68102	FIRE TELEPHONE NO.: **(402) 221-3476** **TOLL FREE**: NIGHT OR 24 HOUR NO.: FACSIMILE NUMBER: (402) 221-3565 ELECTRONIC MAIL: First_Last Name@nps.gov

NAME/TITLE	CITY/STATE	AREA CODE	OFFICE PHONE
BIRD, Fred Regional Fire & Aviation Manager	Omaha, NE	402	221-3475
BURNS, Connie Fire Program Assistant	"	"	221-3476
MATTINGLY, James (JP) Wildland Fire Management Specialist	"	"	221-4994
DeCOSTER, Jim Fire Ecologist	"	"	221-3859
BEACHAM, Scott Fuels Management Specialist	"	"	221-3915
SMITH, Janelle Budget Analyst	"	"	221-3478
JOHNSON, J. Michael (Mike) Fire Education, Prevention, and Information	"	"	221-3478
MANCUSO, Paul Wildland Urban Interface Coordinator	St. Paul, MN	612	713-7326
MARIEN, Stephen (Steve) Fire Meteorologist	"	"	713-7315
HANSEN, Kathie Fire GIS Specialist	Madison, WI	608	263-7689

55.5 Fire Directory – NPS – National Capital Region

UNIT: **NPS – National Capital Region** P. O. Box 158 302 E. Main Street Sharpsburg, MD 21782	FIRE TELEPHONE NO.: **(301) 432-6945** **TOLL FREE**: NIGHT OR 24 HOUR NO.: (301) 714-2235 FACSIMILE NUMBER: (301) 432-8621 ELECTRONIC MAIL: First_Last Name@nps.gov

NAME/TITLE	CITY/STATE	AREA CODE	OFFICE PHONE
BOUCHER, Don Regional Fire and Emergency Manager	Washington, DC	202	619-7039
SEABRIGHT, Jeffrey Regional Fire Management Officer	Sharpsburg, MD	301	432-6945
CLANCY, Barbara Fire Program Management Assistant	"	"	432-6548
KENYON, William Communications Center Supervisor	Hagerstown, MD	301	714-2223
WADE, Stanley Structural Fire Specialist	Washington, DC	202	619-7168

55.6 Fire Directory – NPS – Intermountain Region

UNIT: **NPS – Intermountain Region** 12795 W. Alameda Parkway, P. O. Box 25287 Denver, Colorado 80225	FIRE TELEPHONE NO.: **(303) 969-2449** **TOLL FREE**: NIGHT OR 24 HOUR NO.: FACSIMILE NUMBER: (303) 969-2037 ELECTRONIC MAIL: First_Last Name@nps.gov

NAME/TITLE	CITY/STATE	AREA CODE	OFFICE PHONE
DEMS, Len Fire Management Officer	Denver, CO	303	969-2075
PETERS, Christine Fire Budget Analyst	"	"	969-2948
LITREAL, Brandie Fire Management Assistant	"	"	969-2971
CASTRO, Ken Wildland Fire Specialist	Santa Fe, NM	505	988-6027
LINEBACK, Bob Wildland Fire Management Specialist	"	"	988-6018
DEAN, Clark Wildland Fire Specialist	Denver, CO	303	969-2124
KERR, Linda Fire Ecologist	"	"	969-2883
CHETWIN, Cliff Safety & Aviation Specialist	"	"	969-2657
THOMAS, Kim NRCC Dispatcher	Missoula, MT	406	329-4883
ELLINGTON, Jay SWCC Fire Intelligence Coordinator	Albuquerque, NM	505	842-3874
MANN, Russ Meteorologist	Denver, CO	303	445-4319
NADEN, Richard Meteorologist	Albuquerque, NM	505	842-3415

55.7 Fire Directory – NPS – Southeast Region

UNIT:	FIRE TELEPHONE NO.: **(404) 562-3108 Ext. 653**
NPS – Southeast Region National Park Service Atlanta Federal Center/1924 Building 100 Alabama Street, S.W. Atlanta, Georgia 30303	NIGHT OR 24 HOUR NO.: (678) 320-3000 (SACC) FACSIMILE NUMBER: (404) 562-3200 ELECTRONIC MAIL: First_Last Name@nps.gov

NAME/TITLE	CITY/STATE	AREA CODE	OFFICE PHONE
GARVIN, Ken Regional Fire Management Officer	Atlanta, GA	404	562-3108 Ext. 653
VACANT Wildland Fire Specialist	"	"	562-3108 Ext. 512
MALLARD, Sandra Fire Program Management Assistant	"	"	562-3108 Ext. 655
WALSH, Kevin Prescribed Fire Specialist	"	"	562-3108 Ext. 684
WEBB, Mike Wildland Urban Interface Coordinator	"	"	562-3108 Ext. 646
CROSS, Clint Wildland Urban Interface Coordinator	"	"	562-3108 Ext. 672
TOOLE, Robin Fire Planner	"	"	562-3108 Ext. 632
NOBLE, Caroline Fire Ecologist	Tallahassee, FL	850	893-4153 Ext. 267
GETTINGER, Dean GIS Specialist	Atlanta, GA	404	562-3108 Ext. 512
BRICE, Jeff Assistant Coordinator	"	678	320-3004
INGRAM, Denver Meteorologist	"	"	320-3008
FIDLER, Michelle Fire Education and Information	"	404	562-3108 Ext. 643

55.8 Fire Directory – NPS – Pacific West Region

UNIT: **NPS – Pacific West Region** 1111 Jackson Street, Suite 700 Oakland, California 94607	FIRE TELEPHONE NO.: **(510) 817-1373** **TOLL FREE**: NIGHT OR 24 HOUR NO.: FACSIMILE NUMBER: (510) 817-1487 ELECTRONIC MAIL: First_Last Name@nps.gov

NAME/TITLE	CITY/STATE	AREA CODE	OFFICE PHONE
HUSARI, Sue Fire Management Officer	Oakland, CA	510	817-1371
KRAUSHAAR, John Deputy Fire Management Officer	"	"	817-1370
NEILL, Christie Deputy FMO, Fuels and Planning	Sacramento, CA	510	512-8792
WILLS, Robin Fire Ecologist	Oakland, CA	510	817-1432
YOSHIDA, Berkeley Budget Analyst	Hawaii Volcanoes, HI	808	985-6100
KAUFFMAN, Brenda Regional Fire Program Assistant	Oakland, CA	510	817-1373
SMEDLEY, Rick Fire Planner	Vancouver, WA	360	696-7545
APPLING, Bob Wildland Fire Specialist WUI	Vancouver, WA	360	696-7540
CONOVER, Corky Wildland Fire Specialist WUI	Three Rivers, CA	559	565-3129
REEBERG, Paul Fire Effects Monitoring Program	Oakland, CA	510	817-1372
KEIFER, MaryBeth Fire Ecologist	Three Rivers, CA	510	817-1504
SIEFKIN, Nelson Fire Archeologist	Oakland, CA	510	817-1502

56 Fire Directory – Bureau of Indian Affairs (BIA)

56.1 Central Office, National Interagency Fire Center (NIFC)

56.2 Great Plains Regional Office

56.3 Southwest Regional Office

56.4 Southern Plains Regional Office

56.5 Rocky Mountain Regional Office

56.6 Eastern Regional Office

56.7 Alaska Regional Office

56.8 Midwest Regional Office

56.9 Eastern Oklahoma Regional Office

56.10 Navajo Regional Office

56.11 Western Regional Office

56.12 Northwest Regional Office

56.13 Pacific Regional Office

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56.1 Fire Directory – BIA – Central Office, National Interagency Fire Center (NIFC)

UNIT: **BIA Central Office – National Interagency Fire Center** 3833 S. Development Avenue Boise, Idaho 83705-5354	FIRE TELEPHONE NO.: **(208) 387-5575** **TOLL FREE**: NIGHT OR 24 HOUR NO.: (208) 387-5660 FACSIMILE NUMBER: (208) 387-5581 ELECTRONIC MAIL: First_Last Name@nifc.gov

NAME/TITLE	CITY/STATE	AREA CODE	OFFICE PHONE
CARLILE, Lyle BIA Director	Boise, ID	208	387-5575
SHAW, Bodie BIA Deputy Director	"	"	387-5620
BELLCOURT, Andrew Fire Management Operations	"	"	387-5372
DUPUIS, Dennis Fire/Fuels Management Specialist	"	"	387-5041
LAMUN, Dennis Aviation Program Manager	"	"	387-5371
BRADSHAW, Scott National Fire Planner	"	"	387-5373
KOCH, Dave Training Specialist	"	"	387-5577
GOULD, John Safety	"	"	387-5177
BRIDGES, Denney Regional Aviation Manager	Albuquerque, NM	505	842-3869
AMICARELLA, Mike Regional Aviation Manager	Broomfield, CO	303	888-1505
ROSSITER, Steven Regional Aviation Manager	Missoula, MT	406	329-4720
MORIN, Rosie Administrative Officer	Boise, ID	208	387-5696

56.2 Fire Directory – BIA – Great Plains Regional Office

UNIT: **BIA – Great Plains Regional Office** Federal Building 115 Fourth Avenue SE Aberdeen, South Dakota 54701	FIRE TELEPHONE NO.: **(605) 226-7621** **TOLL FREE**: NIGHT OR 24 HOUR NO.: FACSIMILE NUMBER: (605) 226-7358 ELECTRONIC MAIL: FirstNameLastName@bia.gov

NAME/TITLE	CITY/STATE	AREA CODE	OFFICE PHONE
AUSBORN, Darrell Fire Management Officer	Aberdeen, S.D.	605	226-7621
POOLER, Paul Assistant Fire Management Officer	"	"	"
BEVERIDGE, Morgan Regional Fuels Specialist	"	"	"
SCHMUNK, Lee Wildland Fire Prevention/Education	Fort Meade, SD	"	720-8010
MADIGAN, Michael Natural Resource Specialist/Fire	Aberdeen, S.D.	"	226-7621

56.3 Fire Directory – BIA – Southwest Regional Office

UNIT: **BIA – Southwest Regional Office** P. O. Box 26567 Albuquerque, New Mexico 87125	FIRE TELEPHONE NO.: **(505) 563-3365** NIGHT OR 24 HOUR NO.: (505) 563-3365 Cell: (505) 235-3814 FACSIMILE NUMBER: (505) 563-3052 ELECTRONIC MAIL: mail364953@pop.net

NAME/TITLE	CITY/STATE	AREA CODE	OFFICE PHONE
WACONDA, John E. Regional Forester	Albuquerque, NM	505	563-3360
PINO, Calvin E. Regional Fire Management Officer	"	"	563-3365
MORTON, John A. Assistant Fire Management Officer	"	"	563-3370
LUEDTKE, Hal Regional Fuels Specialist	"	"	563-3303

56.4 Fire Directory – BIA – Southern Plains Regional Office

UNIT: **BIA – Southern Plains Regional Office** P. O. Box 368 Anadarko, Oklahoma 73005	FIRE TELEPHONE NO.: **(405) 247-1654** **or (405) 247-1587** NIGHT OR 24 HOUR NO.: (405) 933-0574 or (405) 933-0532 FACSIMILE NUMBER: (405) 247-9707 ELECTRONIC MAIL: FirstNameLastName@bia.gov

NAME/TITLE	CITY/STATE	AREA CODE	OFFICE PHONE
SAHMAUNT, Mark E. Forester/Fire Management Officer	Anadarko, OK	405	247-1587
ROBERTSON, Rod Fire Control Officer – SW Zone	"	"	247-1654
TAYLOR, Dean Fire Control Officer – NW Zone	Watonga, OK	580	623-5101
REED, Mike Environmental Scientist	Anadarko, OK	405	247-1549
WARE, Jocelyn Contract Specialist	"	"	247-1527
LOCKWOOD, Dianne GIS/NEPA	"	"	247-1606
WILLIAMS, Jerry Natural Resources	"	"	247-1590

56.5 Fire Directory – BIA – Rocky Mountain Regional Office

UNIT: **BIA – Rocky Mountain Regional Office** 316 N. 26th Street Billings, Montana 59101-1362	FIRE TELEPHONE NO.: **(406) 896-2900** **TOLL FREE**: NIGHT OR 24 HOUR NO.: (406) 896-2900 FACSIMILE NUMBER: (406) 247-7921 ELECTRONIC MAIL: FirstNameLastName@bia.gov

NAME/TITLE	CITY/STATE	AREA CODE	OFFICE PHONE
CORBIN, Tom Forester, Fire Management Officer	Billings, MT	406	247-7950
GLENMORE, Dale Assistant Fire Management Officer	"	"	247-7949
ROESSLER, Jim Fire Use Specialist	"	"	247-7949
BIG LEGGINS, Annette Dispatcher	Great Falls, MT	406	791-7761
TAYLOR, Wayne (Fred) NRS-NEPA, Planning, BAER	Billings, MT	406	247-7949 Ext. 234
CUNY, Toni Forestry Staff Support	"	"	247-7949
SMITH, Dovey Budget Analyst	"	"	247-7949
BURNS, Ron Dispatcher-BDC	"	"	896-2908
STRAUSER, Lisa Supply Clerk	"	"	657-6117

56.6 Fire Directory – BIA – Eastern Regional Office

UNIT: **BIA – Eastern Regional Office** 711 Stewarts Ferry Pike Nashville, Tennessee 87214	FIRE TELEPHONE NO.: **(615) 467-1669** **Daytime Only** NIGHT OR 24 HOUR NO.: FACSIMILE NUMBER: (615) 467-2939 ELECTRONIC MAIL: DMS: mail364898@pop.net

NAME/TITLE	CITY/STATE	AREA CODE	OFFICE PHONE
RECKER, Tony Fire Management Officer	Nashville, TN	615	467-1669 289-3290
ANDES, John Fuels Specialist	"	"	467-1670 289-3343
MENEELY, Scott Regional Forester	"	"	467-1671 289-3221

56.7 Fire Directory – BIA – Alaska Regional Office

UNIT: **BIA – Alaska Regional Office** P. O. Box 25520 Juneau, Alaska 99802	FIRE TELEPHONE NO.: **(907) 586-7404** **TOLL FREE**: **1-800-645-8397** NIGHT OR 24 HOUR NO.: (907) 350-9280 (Cell) FACSIMILE NUMBER: (907) 586-7120 ELECTRONIC MAIL: Steve: mail373019@pop.net Larry AdamsLarry_Adams @pop.net

NAME/TITLE	CITY/STATE	AREA CODE	OFFICE PHONE
HEPPNER, Steve Fire Management Officer	Juneau, AK	907	586-7404
ADAMS, Larry Regional Fuels Specialist	Anchorage, AK	"	271-4049
URVINA, Tony Natural Resources Manager	Juneau, AK	"	586-7618

56.8 Fire Directory – BIA – Midwest Regional Office

UNIT: **BIA – Midwest Regional Office** One Federal Drive, Room 550 Ft. Snelling, Minnesota 55111	FIRE TELEPHONE NO.: **(612) 713-4400** **TOLL FREE**: NIGHT OR 24 HOUR NO.: Press "7" during Voice Mail FACSIMILE NUMBER: (612) 713-4401 ELECTRONIC MAIL: Mail364925@pop.net (Sean Hart)

NAME/TITLE	CITY/STATE	AREA CODE	OFFICE PHONE
HART, Sean J. Regional Fire Management Officer	Minneapolis, MN	612	713-4400 Ext. 1180
WEST, Jay Supervisory Forester	"	"	713-4400 Ext. 1147
HARDZINSKI, Carl GIS Forester	"	"	713-4400 Ext. 1144
FASTELAND, Tom Assistant Area FMO	Grand Rapids, MN	218	327-5929
REMUS, Tom Prescribed Fire/Fire Use Specialist	"	"	327-4793
HILTON, Gary Prevention Forester	Minneapolis, MN	612	713-4400 Ext. 1079
KURTZ, Bill NEPA/ARCH: Fire	"	"	713-4400 Ext. 1045
CASSELLIUS, Marty GIS Fire	"	"	713-4400 Ext. 1132

56.9 Fire Directory – BIA – Eastern Oklahoma Regional Office

UNIT: **BIA – Eastern Oklahoma Regional Office** P. O. Box 8002 3100 West Peak Boulevard Muskogee, Oklahoma 74402	FIRE TELEPHONE NO.: **(918) 781-4642** **TOLL FREE:** NIGHT OR 24 HOUR NO.: (580) 320-7077 or (918) 616-3628 FACSIMILE NUMBER: (918)781-4644 ELECTRONIC MAIL: FirstNameLastName@bia.gov

NAME/TITLE	CITY/STATE	AREA CODE	OFFICE PHONE
GOHRING, Brent Regional Forester/FMO	Muskogee, OK	918	781-4642
MORRISON, Ron S. Zone Fire Suppression Specialist	"	580	320-7077
PEAK, Brad Natural Resources Specialist	"	918	781-4642

56.10 Fire Directory – BIA – Navajo Regional Office

UNIT: **BIA – Navajo Regional Forestry** **BIA – Aviation and Fire** P. O. Box 1060/Slot 410 Gallup, New Mexico 87305	FIRE TELEPHONE NO.: **(928) 729-2307** **(928) 729-7367** NIGHT OR 24 HOUR NO.: (928) 729-2307 FACSIMILE NUMBER: (928) 729-5029 ELECTRONIC MAIL: FirstNameLastName@bia.gov

NAME/TITLE	CITY/STATE	AREA CODE	OFFICE PHONE
BARNEY, Jefferson Area Fire Dispatcher	Ft. Defiance, AZ	928	729-2307
BYDONE, Jim R. Area Assistant Fire Dispatcher	"	"	729-7379
HAMMOND, Mark Fire Management Officer	"	"	729-7392
MARTIN, Jonathan Area Supervisory Forester	"	"	729-7228
VACANT Natural Resource Specialist (NEPA)	"	"	729-7378
CHATO, Melvin Fire Use Specialist	"	"	729-7232
WATCHMAN, Bill Fire Operations Specialist (Acting)	"	"	729-7389
TELLER, Dennis M. Assistant Fuels Management Officer	"	"	729-7384
O'HARA, Gerald GIS Specialist	"	"	729-7381
VACANT Assistant Fire Management Officer	"	"	729-7230

56.11 Fire Directory – BIA – Western Regional Office

UNIT: **BIA – Western Regional Office** P. O. Box 10 Phoenix, Arizona 85001	FIRE TELEPHONE NO.: **(602) 379-6798** **TOLL FREE**: NIGHT OR 24 HOUR NO.: (602) 363-4912 (Cell) FACSIMILE NUMBER: (602) 379-6826 ELECTRONIC MAIL: Mail364900@pop.net or leonben@bia.gov

NAME/TITLE	CITY/STATE	AREA CODE	OFFICE PHONE
BEN Jr., Leon Fire Management Officer	Phoenix, AZ	602	379-6798
LEE, John Assistant Fire Management Officer	"	"	"
PHILBIN, Jon Regional Forester	"	"	"
BURNETTE, Keith Regional Fire Use Specialist	"	"	"

56.12 Fire Directory – BIA – Northwest Regional Office

UNIT: **BIA – Northwest Regional Office** 911 NE 11th Avenue Portland, Oregon 97232-4169	FIRE TELEPHONE NO.: **(503) 231-6759** **TOLL FREE**: NIGHT OR 24 HOUR NO.: (503) 231-6800 or (503) 326-7405 FACSIMILE NUMBER: (503) 231-6774 ELECTRONIC MAIL: Cory.Winnie@pop.net

NAME/TITLE	CITY/STATE	AREA CODE	OFFICE PHONE
WINNIE, Cory Regional Protection Forester	Portland, OR	503	231-6759
BRANSON, Tom Forester, Fuels Management	"	"	231-6797
WHISTLER, Robert Regional Forester	"	"	231-6802
SHROUDS, Nate WUI Specialist	"	"	231-6806
LONNING, Gene Fuels Specialist	"	"	231-2175

56.13 Fire Directory – BIA – Pacific Regional Office

UNIT: **BIA – Pacific Regional Office** 2800 Cottage Way Sacramento, California 95825	FIRE TELEPHONE NO.: **(916) 978-6065** **TOLL FREE**: NIGHT OR 24 HOUR NO.: (916) 718-8106 (FIREBIA) FACSIMILE NUMBER: (916) 978-6081 ELECTRONIC MAIL: No e-mail address

NAME/TITLE	CITY/STATE	AREA CODE	OFFICE PHONE
RECKER, Ron Regional Fire Management Officer	Sacramento, CA	916	978-6065
JONES, Yvonne Assistant Regional Fire Management Officer	"	"	978-6066
VACANT Regional Forester	"	"	978-6061
GREENLEE, Jqson Regional Fuels Specialist	"	"	978-6177
MERJIL, Jose Fire Management Specialist	"	"	978-6117
NANAMKIN, Jim Regional Prevention Specialist	"	"	978-6148
JONES, Gerald Assistant Regional Forester	"	"	978-6076

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57 Fire Directory – Canada

57.1 Canadian Interagency Forest Fire Centre (CIFFC)

57.2 Northwest

57.3 Yukon

57.4 Saskatchewan

57.5 Government of Canada and Parks of Canada

57.6 Alberta

57.7 British Columbia

57.8 Manitoba

57.9 New Brunswick

57.10 Nova Scotia

57.11 Ontario

57.12 Newfoundland

57.13 Prince Edward Island

57.14 Quebec

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57.1 Fire Directory – Canada – Canadian Interagency Forest Fire Centre (CIFFC)

UNIT: **Canadian Interagency Forest Fire Centre** 210 -301 Weston Street Winnipeg, Manitoba R3E 3H4	FIRE TELEPHONE NO.: **(204) 784-2030** **TOLL FREE**: NIGHT OR 24 HOUR NO.: (204) 784-2030 FACSIMILE NUMBER: (204) 956-2398 ELECTRONIC MAIL: ciffc@ciffc.ca

NAME/TITLE	CITY/STATE	AREA CODE	OFFICE PHONE
JOHNSTON, Don A/Director	Winnipeg, Manitoba	204	784-2030
DUTY OFFICER	"	"	"

57.2 Fire Directory – Canada – Northwest

UNIT: **Canadian Northwest Territories** Department of Renewable Resources Wildlife & Economic Development P. O. Box 7 Ft. Smith, NT XOE OPO	FIRE TELEPHONE NO.: **(867) 872-7710** **TOLL FREE**: NIGHT OR 24 HOUR NO.: (867) 872-7710 FACSIMILE NUMBER: (867) 872-2077 ELECTRONIC MAIL: forest_management@gov.nt.ca

NAME/TITLE	CITY/STATE	AREA CODE	OFFICE PHONE
COREY, Susan Director, Forest Management	Ft. Smith, NT	867	872-7710
DUTY OFFICER	"	"	"

57.3 Fire Directory – Canada – Yukon

UNIT: **Yukon Territorial Government** Community Services Department Protective Services Branch Wildland Fire Management Division P. O. Box 2703 Whitehorse, Yukon YIA 2C6	FIRE TELEPHONE NO.: **(867) 667-3128** **TOLL FREE**: NIGHT OR 24 HOUR NO.: (867) 667-3128 FACSIMILE NUMBER: (867) 667-3148 ELECTRONIC MAIL: YDO@gov.yk.ca

NAME/TITLE	CITY/STATE	AREA CODE	OFFICE PHONE
COLBERT, Ken Head, Fire Management	Whitehorse, Yukon	867	456-3904
YUKON DUTY OFFICER Seasonal: April 1st – September 30th	"	"	667-3128
SPARKS, Mike Supervisor, Wildfire Operations	"	"	456-3964
HARRIS, Lorne Supervisor, Air Operations	"	"	456-3215
BEAVER, Al Supervisor, Science and Planning	"	"	456-3966

57.4 Fire Directory – Canada – Saskatchewan

UNIT: **Government of Saskatchewan** Saskatchewan Environment Fire Management & Protection Branch P. O. Box 3003, Hwy. #2 North Prince Albert, Saskatchewan S6V 6G1 Canada	FIRE TELEPHONE NO.: **(306) 953-3430** **TOLL FREE**: NIGHT OR 24 HOUR NO.: (306) 953-3430 FACSIMILE NUMBER: (306) 953-2530 ELECTRONIC MAIL: FFMBdispatch@serm.gov.sk.ca

NAME/TITLE	CITY/STATE	AREA CODE	OFFICE PHONE
ROBERTS, Steven Executive Director, Fire Management & Protection Branch	Prince Albert, SASK	306	953-2206
DUTY OFFICER	"	"	953-3430

57.5 Fire Directory – Canada – Government of Canada and Parks of Canada

UNIT: **Government of Canada** Canadian Heritage, Parks Canada National Parks Directorate 25 Eddy Street, 4th Floor Ottawa, Ontario K1A OM5	FIRE TELEPHONE NO.: **(819) 994-2912** **TOLL FREE**: NIGHT OR 24 HOUR NO.: (403) 815-5533 FACSIMILE NUMBER: (819) 997-3380 ELECTRONIC MAIL: mike_etches@pch.gc.ca

NAME/TITLE	CITY/STATE	AREA CODE	OFFICE PHONE
ETCHES, Mike Forest Ecologist	Ottawa, Ontario	819	994-2912
DUTY OFFICER	"	403	815-5533
	"	"	"
	"	"	"
	"	"	"
	"	"	"
	"	"	"
	"	"	"
	"	"	"
	"	"	"
	"	"	"
	"	"	"

57.6 Fire Directory – Canada – Alberta

UNIT: **Government of Alberta** Department of Sustainable Resource Development Forest Protection Division 9920 108 Street, 9th Floor Edmonton, Alberta T5K 2M4	FIRE TELEPHONE NO.: **(780) 415-6460** **TOLL FREE**: NIGHT OR 24 HOUR NO.: Office Hours (780) 415-6460 After Hours (780) 913-2344 FACSIMILE NUMBER: (780) 422-7230 ELECTRONIC MAIL: pffc.wfops@gov.ab.ca

NAME/TITLE	CITY/STATE	AREA CODE	OFFICE PHONE
HARRISON, Don Wildfire Service Branch Director	Edmonton, Alberta	780	427-2545
DUTY OFFICER	"	"	415-6460 (office) 913-2344 (cell)

57.7 Fire Directory – Canada – British Columbia

UNIT: **Government of British Columbia** Forest Protection Branch BCFS – Ministry of Forests 2957 Jutland Road, 2nd Floor, Bldg. A Victoria, British Columbia V8W 3E7	FIRE TELEPHONE NO.: **(250) 387-1717** **TOLL FREE**: NIGHT OR 24 HOUR NO.: (250) 387-1717 FACSIMILE NUMBER: (250) 387-5964 ELECTRONIC MAIL: provfire@gems4.gov.bc.ca

NAME/TITLE	CITY/STATE	AREA CODE	OFFICE PHONE
FUGLEM, Peter Provincial Fire Control Officer	Victoria, BC	250	387-1717
DUTY OFFICER	"	"	"

57.8 Fire Directory – Canada – Manitoba

UNIT: **Government of Manitoba** Headquarter Operations – Fire Program Box 10, 200 Sulteaux Crescent Winnipeg, Manitoba R3J 3W3	FIRE TELEPHONE NO.: **(204) 945-5252** **TOLL FREE**: NIGHT OR 24 HOUR NO.: (204) 945-5252 FACSIMILE NUMBER: (204) 945-7782 ELECTRONIC MAIL: hqfire@gov.mb.ca

NAME/TITLE	CITY/STATE	AREA CODE	OFFICE PHONE
BROWN, Dennis Director, Headquarters Operations	Winnipeg, Manitoba	204	945-6647
DUTY OFFICER	"	"	945-5252

57.9 Fire Directory – Canada – New Brunswick

UNIT: **Government of New Brunswick** Department of Natural Resources & Energy Hugh John Fleming Forestry Centre 1350 Regent Street Fredericton, New Brunswick E3C 2G6	FIRE TELEPHONE NO.: **(506) 453-2530** **TOLL FREE**: NIGHT OR 24 HOUR NO.: (506) 453-2530 FACSIMILE NUMBER: (506) 453-3322 ELECTRONIC MAIL: Provincial.firecentre@gnb.ca

NAME/TITLE	CITY/STATE	AREA CODE	OFFICE PHONE
CONNORS, Kim Manager, Forest Fire Management	Fredericton, NB	506	453-2530
DUTY OFFICER	"	"	"

57.10 Fire Directory – Canada – Nova Scotia

UNIT: **Province of Nova Scotia** Forest Protection Subdivision Department of Natural Resources P. O. Box 130 Shubenacadie, Nova Scotia B0N 2H0	FIRE TELEPHONE NO.: **(902) 758-7230** **TOLL FREE**: NIGHT OR 24 HOUR NO.: (902) 758-7230 FACSIMILE NUMBER: (902) 758-3210 ELECTRONIC MAIL: protinfo@gov.ns.ca

NAME/TITLE	CITY/STATE	AREA CODE	OFFICE PHONE
FANNING, Walter Manager, Forest Protection	Shubenacadie, NS	902	758-7236
UTTARO, Robert Supervisor, Fire Management	"	"	758-7229
DUTY OFFICER	"	"	758-7230

57.11 Fire Directory – Canada – Ontario

UNIT: **Ontario Aviation, Forest Fire Mgmt. Branch** Ministry of Natural Resources 70 Foster Drive, Suite 400 Sault St. Marie, Ontario P6A 6V5	FIRE TELEPHONE NO.: **(705) 945-5750** **TOLL FREE**: NIGHT OR 24 HOUR NO.: (705) 945-5751 FACSIMILE NUMBER: (705) 945-5785 ELECTRONIC MAIL: pffc-firemail@mnr.gov.on.ca

NAME/TITLE	CITY/STATE	AREA CODE	OFFICE PHONE
McFADDEN, Jack Director, Aviation & Forest Fire Mgmt. Branch	Sault St. Marie, Ontario	705	945-5937
DUTY OFFICER	"	"	945-5750

57.12 Fire Directory – Canada – Newfoundland

UNIT: **Newfoundland and Labrador Forest Service** Department of Natural Resources Fortis Building, P. O. Box 2006 Corner Brook, Newfoundland A2H 6J8	FIRE TELEPHONE NO.: **(709) 637-2328** **(709) 637-2653** NIGHT OR 24 HOUR NO.: (709) 637-2328 FACSIMILE NUMBER: (709) 637-2403 ELECTRONIC MAIL: nlfsfire@gov.nl.ca

NAME/TITLE	CITY/STATE	AREA CODE	OFFICE PHONE
FLEMING, Gerald J. Director, Forest Engineering & Industry Services	Corner Brook, NL	709	637-2349
DUTY OFFICER	"	"	637-2328

57.13 Fire Directory – Canada – Prince Edward Island

UNIT: **Prince Edward Island** Department of Agriculture Acquaculture & Forestry P. O. Box 2000 Charlottetown, Prince Edward Island C1A 7N8	FIRE TELEPHONE NO.: **(902) 368-4800** **TOLL FREE**: NIGHT OR 24 HOUR NO.: (902) 368-4800 FACSIMILE NUMBER: (902) 268-4806 ELECTRONIC MAIL: fbeachgrove@gov.pe.ca

NAME/TITLE	CITY/STATE	AREA CODE	OFFICE PHONE
McASKILL, J. Dan Manager, Provincial Forest & Forest Fire	Charlottetown, PEI	902	368-6730
DUTY OFFICER	"	"	368-4804

57.14 Fire Directory – Canada – Quebec

UNIT: SOPFEU Société de protection des forêts contre le feu 715, 7e Rue Aéroport international Jean Lesage Sainte-Foy (Québec) G2G 2S7 CANADA	FIRE TELEPHONE NO.: **(418) 871-3341** **TOLL FREE**: 1-800-463-FEUX (3339) NIGHT OR 24 HOUR NO.: (418) 998-3310 FACSIMILE NUMBER: (418) 874-2629 ELECTRONIC MAIL: cpl@sopfeu.qc.ca

NAME/TITLE	CITY/STATE	AREA CODE	OFFICE PHONE
DUTY OFFICER	Québec/Québec	418	871-3341
GIRARD, Jean Directeur	"	"	874-2602

58 Fire Directory – Others

58.1 FEMA – Federal Emergency Management Administration

58.2 U.S. Military

58.3 International – U.S. Agency for International Development /Office of Foreign Disaster Assistance

58.4 Office of Wildland Fire Coordination, Washington DC

58.5 National Association of State Foresters (NASF)

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58.1 Fire Directory – FEMA – Federal Emergency Management Administration

UNIT: **FEMA/U.S. Fire Administration** 16825 South Seton Avenue Emmitsburg, Maryland 21717	FIRE TELEPHONE NO.: **(301) 447-1359** **TOLL FREE**: NIGHT OR 24 HOUR NO.: 1-800-238-3358 FACSIMILE NUMBER: (208) 387-5398 ELECTRONIC MAIL: First.Last Name@dhs.gov * First Initial Last Name@fs.fed.us

NAME/TITLE	CITY/STATE	AREA CODE	OFFICE PHONE
PAULISON, R. David U.S. Fire Administrator	Washington, DC	202	646-4223
DICKINSON, Charlie Deputy U.S. Fire Administrator	Emmitsburg, MD	301	447-1018
LAWRENCE, Cortez National Fire Programs Director	"	"	447-1362
WOOD, Hugh Chief, National Fire Programs Response Branch	"	"	447-1087
DOUGHERTY, Michael * NIFC Liaison	Boise, ID	208	387-5698

58.2 Fire Directory – U.S. Military

UNIT: **United States Military**	FIRE TELEPHONE NO.: **TOLL FREE**: NIGHT OR 24 HOUR NO.: FACSIMILE NUMBER: ELECTRONIC MAIL:

NAME/TITLE	CITY/STATE	AREA CODE	OFFICE PHONE
DOMS: Col. Art Beasley Lt. Col. Brian Williams Major John Wood DOMS DUTY OFFICER	Washington, DC FAX: (703) 697-3147	703	697-9400
NORTHERN COMMAND (Contact NICC for specific numbers)	Colorado Springs, CO FAX: (719) 554-2367		Contact NICC
HQ FIFTH ARMY Homeland Security: Major Ralph Larson Mr. Jerry Unwin	Ft. Sam Houston, TX FAX: (210) 221-2608	210 210	221-2999 221-9309
FIFTH U.S. ARMY: EOC: Lt. Col. Mark Greszler Lt. Col. Steven Bratina	Ft. Sam Houston, TX Emergency Ops Center FAX: (210) 221-1123	210 210	221-1513 221-0037
FORCES COMMAND OPERATIONS CENTER: Forces Command Operation	Atlanta, GA FAX: (404) 464-3686	404	464-5222

58.3 Fire Directory – International – U.S. Agency for International Development/Office of Foreign Disaster Assistance

UNIT: **U.S. Agency for International Development/Office of Foreign Disaster Assistance (USAID/OFDA)** Office of International Programs 1099 14th Street, NW, Suite 5500W Washington, DC 20005-3402	FIRE TELEPHONE NO.: **(202) 273-4729** **TOLL FREE**: NIGHT OR 24 HOUR NO.: FACSIMILE NUMBER: (202) 273-4750 or (202) 216-3706 ELECTRONIC MAIL: ssavolaine@fs.fed.us

NAME/TITLE	CITY/STATE	AREA CODE	OFFICE PHONE
SAVOLAINE, Stephanie Fritz (FS) Assistant Director Disaster Assistance Support Program (DASP)	Washington, DC	202	273-4729 712-0004 248-9631
HAZELHURST, Sherry Disaster Management Specialist (DASP)	"	202	273-4695
BARRETT, Gary Disaster Management Specialist (DASP)	"	202	273-0001 219-4722 390-1292
FLEMING, James OFDA Assistant Director, Operations	"	202 703	712-4098 981-1729
HORNE, Todd OFDA Team Leader, Logistics	"	202 571	712-0234 278-5876

58.4 Fire Directory – Office of Wildland Fire Coordination, Washington DC

UNIT: **DOI Office of Wildland Fire Coordination (OS-OWFC)** 1849 C Street, NW Washington, DC 20240 Mailstop 2660-MIB	FIRE TELEPHONE NO.: **(202) 606-3447** **TOLL FREE**: NIGHT OR 24 HOUR NO.: FACSIMILE NUMBER: (202) 606-3150 ELECTRONIC MAIL: First_Last Name@ios.doi.gov (except Dalzell & Dalton who use their middle initial: First_Initial LastName@ios.doi.gov

NAME/TITLE	CITY/STATE	AREA CODE	OFFICE PHONE
HUBBARD, James E.. Director, Office of Wildland Fire Coordination	Washington, DC	202	606-3447
VACANT Program Analyst/Fire Preparedness & Operations	"	"	606-3053
GUERRERO, Nancy Program Analyst	"	"	208-0268
STEWART, John Biomass Specialist/Forester	"	"	606-0504
DALZELL, Scott J. Budget Officer	"	"	606-0509
LOVING, Barbara Program Analyst	"	"	606-3108
FITZSIMMONS, Allan Fuels Coordinator	"	"	606-0488
BASTIAN, Henry V. Fire Ecologist	"	"	606-3206
TURKELTAUB, Elyse IT Specialist	"	"	606-0518
DALTON, Michelle A. Staff Assistant	"	"	606-3211

58.5 Fire Directory – National Association of State Foresters (NASF)

UNIT: **National Association of State Foresters** 3833 S. Development Avenue Boise, Idaho 83705-5354	FIRE TELEPHONE NO.: **(208) 867-0908** **TOLL FREE**: NIGHT OR 24 HOUR NO.: (208) 867-0908 FACSIMILE NUMBER: (208) 387-5376 ELECTRONIC MAIL: Don_Artley@nifc.blm.gov

NAME/TITLE	CITY/STATE	AREA CODE	OFFICE PHONE
ARTLEY, Don Fire Director	Boise, ID	208	387-5653

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CHAPTER 60

Overhead/Crews

CHAPTER 60 – OVERHEAD/CREWS

61 IQCS (Incident Qualification Certification System) Position Codes

61.1 Overhead Positions Listed in the NIIMS Wildland and Prescribed Fire Qualification System Guide, PMS 310-1, NFES #1414

Command and Staff

ACDR	Area Commander
AREP	Agency Representative
DPIC	Deputy Incident Commander
FUMA	Fire Use Manager
IARR	Interagency Resource Representative
ICT1	Incident Commander Type 1
ICT2	Incident Commander Type 2
ICT3	Incident Commander Type 3
ICT4	Incident Commander Type 4
ICT5	Incident Commander Type 5
IOF1	Information Officer Type 1
IOF2	Information Officer Type 2
IOF3	Information Officer Type 3
LOFR	Liaison Officer
RXB1	Prescribed Fire Burn Boss Type 1
RXB2	Prescribed Fire Burn Boss Type 2
RXM1	Prescribed Fire Manager Type 1
RXM2	Prescribed Fire Manager Type 2
SOF1	Safety Officer Type 1
SOF2	Safety Officer Type 2
SOF3	Safety Officer Type 3

Operations

ABRO	Aircraft Base Radio Operator
ACAC	Area Command Aviation Coordinator
AOBD	Air Operations Branch Director
ASGS	Air Support Group Supervisor
ATCO	Air Tanker Fixed Wing Coordinator
ATGS	Air Tactical Group Supervisor
CREP	Crew Representative
CRWB	Crew Boss (Single Resource)
DECK	Deck Coordinator
DIVS	Division/Group Supervisor
DOZB	Dozer Boss (Single Resource)
ENGB	Engine Boss (Single Resource)

FELB	Felling Boss (Single Resource)
FFT1	Advanced Firefighter/Squad Boss (Type 1)
FFT2	Firefighter Type 2
FIRB	Firing Boss (Single Resource)
HEB1	Helibase Manager Type 1
HEB2	Helibase Manager Type 2
HECM	Helicopter Crewmember
HCWN	Helicopter Manager CWN (Call When Needed)
HELB	Helicopter Boss (Single Resource)
HLCO	Helicopter Coordinator Boss (Single Resource)
OPBD	Operations Branch Director
OSC1	Operations Section Chief Type 1
OSC2	Operations Section Chief Type 2
RXI1	Ignition Specialist Type 1
RXI2	Ignition Specialist Type 2
STAM	Staging Area Manager
STCR	Strike Team Leader, Crew
STDZ	Strike Team Leader, Dozer
STEN	Strike Team Leader, Engine
STPL	Strike Team Leader, Tractor/Plow
TFLD	Task Force Leader
TOLC	Take-Off and Landing Coordinator
TRPB	Tractor/Plow Boss (Single Resource)

Planning

ACPC	Area Command Planning Chief
DINS	Damage Inspection Specialist
DMOB	Demobilization Unit Leader
DOCL	Documentation Unit Leader
DPRO	Display Processor
FBAN	Fire Behavior Analyst
FEMO	Fire Effects Monitor
FOBS	Field Observer
GIST	Geographic Information System Technical Specialist
IRIN	Infrared Interpreter
LTAN	Long Term Fire Analyst
PSC1	Planning Section Chief Type 1
PSC2	Planning Section Chief Type 2
RESL	Resources Unit Leader
SCKN	Status/Check-In Recorder
SITL	Situation Unit Leader
TNSP	Training Specialist

Logistics

ACLC	Area Command Logistics Chief
BCMG	Base/Camp Manager
COML	Communications Unit Leader
COMT	Incident Communications Technician
EQPM	Equipment Manager
FACL	Facilities Unit Leader
FDUL	Food Unit Leader
GSUL	Ground Support Unit Leader
INCM	Incident Communications Center Manager
LSC1	Logistics Section Chief T1
LSC2	Logistics Section Chief T2
MEDL	Medical Unit Leader
ORDM	Ordering Manager
RADO	Radio Operator
RCDM	Receiving/Distribution Manager
SECM	Security Manager
SPUL	Supply Unit Leader
SUBD	Support Branch Director
SVBD	Service Branch Director

Finance/Administration

CLMS	Claims Specialist
CMSY	Commissary Manager
COMP	Compensation/Claims Unit Leader
COST	Cost Unit Leader
EQTR	Equipment Time Recorder
FSC1	Finance/Administration Section Chief Type 1
FSC2	Finance/Administration Section Chief Type 2
INJR	Compensation for Injury Specialist
PROC	Procurement Unit Leader
PTRC	Personnel Time Recorder
TIME	Time Unit Leader

Expanded Dispatch

CORD	Coordinator - Expanded Dispatch
EDSP	Expanded Dispatch Supervisory Dispatcher
EDSD	Expanded Dispatch Support Dispatcher
EDRC	Expanded Dispatch Recorder

61.2 IQCS Position Codes

For a complete list of all IQCS recognized Position Codes, refer to the following web site: http://www.fs.fed.us/fire/iqcs/documents/redcard/IQCS_Positons.xls

62 Crews

62.1 Type 1 Interagency Hotshot Crews

	Crew Name	Geo Area	Home Agency	Home Unit	Airport PRI/SEC
1.	Bitterroot	NR	FS	BRF	MSO/FCA
2.	Lolo	NR	FS	LNF	MSO/FCA
3.	Helena	NR	FS	HNF	HLN/GTF
4.	Idaho Panhandle	NR	FS	FNF	FCA/MSO
5.	Chief Mountain	NR	BIA	BFA	GTF/FCA
6.	Lewis & Clark	NR	FS	LCF	GTF/HLN
7.	Flathead	NR	FS	FNF	FCA/MSO
8.	Bear Paw (T)	NR	BIA	RBA	GTF/HLN
9.	Wyoming	RM	FS	WIC	GEY/WRL
10.	Pike	RM	FS	PSF	COS/DEN
11.	Alpine	RM	NPS	RMP	DEN/---
12.	Tatanka	RM	FS	BHF	RAP/RAP
13.	San Juan	RM	FS	SJF	DRO/GJT
14.	Craig	RM	BLM	CRD	HDN/GJT
15.	Roosevelt	RM	FS	ARF	DEN/COS
16.	Heber	SW	FS	ASF	PHX/INW
17.	Carson	SW	FS	ASF	ABQ/SAF
18.	Blue Ridge	SW	FS	COF	PHX/FLG
19.	Flagstaff	SW	FS	COF	PHX/FLG
20.	Mormon Lake	SW	FS	COF	PHX/FLG
21.	Sacramento	SW	FS	LNF	ALM/ABQ
22.	Gila	SW	FS	GNF	SVC/ABQ
23.	Silver City	SW	FS	GNF	SVC/ABQ
24.	Smokey Bear	SW	FS	LNF	ALM/ABQ
25.	Prescott	SW	FS	PNF	PHX/PRC
26.	Santa Fe	SW	FS	SNF	ABQ/SAF
27.	Globe	SW	FS	TNF	PHX/---
28.	Payson	SW	FS	TNF	PHX/FLG
29.	Pleasant Valley	SW	FS	TNF	PHX/---
30.	Mt. Taylor	SW	FS	CIF	ABQ/---
31.	Ft. Apache	SW	BIA	FTA	PHX/INW
32.	Mescalero	SW	BIA	MEA	ALM/ABQ
33.	Geronimo	SW	BIA	SCA	PHX/---
34.	Northern Pueblo (T)	SW	BIA	NPA	ABQ
35.	Navajo (T)	SW	BIA	NAO	ABQ

	Crew Name	Geo Area	Home Agency	Home Unit	Airport PRI/SEC
36.	Zuni	SW	BIA	ZUA	ABQ
37.	Sawtooth	EB	FS	STF	TWF/BOI
38.	Boise	EB	FS	BOF	BOI/---
39.	Logan	EB	FS	WCF	OGD/SLC
40.	Bonneville	EB	BLM	SLD	SLC/---
41.	Lone Peak	EB	STATE	UTS	SLC/---
42.	Idaho City	EB	FS	BOF	BOI/---
43.	Snake River	EB	BLM	IFD	IDA/BOI
44.	Cedar City	EB	FS	DIF	CDC/LAS
45.	Black Mountain	WB	FS	TOF	RNO/---
46.	Silver State	WB	BLM	CCD	RNO/---
47.	Morning Star (T)	WB	BIA	WNA	RNO/---
48.	Ruby Mountain	WB	BLM	EKD	EKO/---
49.	Redding	NO	FS	NZF	RDD/---
50.	Lassen	NO	FS	LNF	RDD/RNO
51.	Plumas	NO	FS	PNF	CIC/RNO
52.	Tahoe	NO	FS	TNF	SMF/RNO
53.	El Dorado	NO	FS	ENF	SMF/TVL
54.	Diamond Mountain	NO	BLM	NOD	RNO/---
55.	Klamath	NO	FS	KNF	MRF/RDD
56.	Mendocino	NO	FS	MNF	CIC/RDD
57.	Modoc	NO	FS	MDF	RNO/LMT
58.	Dalton	SO	FS	ANF	BUR/PSP
59.	Stanislaus	SO	FS	STF	SCK/SMF
60.	Texas Canyon	SO	FS	ANF	BUR/PSP
61.	Bear Divide	SO	FS	ANF	BUR/PSP
62.	El Cariso	SO	FS	CNF	SAN/PSP
63.	Laguna	SO	FS	CNF	SAN/PSP
64.	Los Padres	SO	FS	LPF	SBA/BUR
65.	Del Rosa	SO	FS	BDF	PSP/---
66.	Vista Grande	SO	FS	BDF	PSP/---
67.	Fulton	SO	FS	SQF	BFL/FAT
68.	Horseshoe	SO	FS	SQF	FAT/BFL
69.	Sierra	SO	FS	SNF	FAT/---
70.	Arrowhead	SO	NPS	KNP	FAT/BFL
71.	Kern Valley	SO	BLM	BBD	BFL/FAT
72.	Rio Bravo	SO	COUNTY	KRN	BFL/---
73.	Redmond	NW	FS	DEF	RDM/PDX

	Crew Name	Geo Area	Home Agency	Home Unit	Airport PRI/SEC
74.	Baker River	NW	FS	MSF	PAE/SEA
75.	Winema	NW	FS	WNF	LMT/---
76.	La Grande	NW	FS	WWF	BOI/PDT
77.	Entiat	NW	FS	WEF	EAT/SEA
78.	Union	NW	FS	WWF	BOI
79.	Prineville	NW	FS	OCF	RDM/PDX
80.	Rogue River	NW	FS	RRF	MFR/EUG
81.	Wolf Creek (T)	NW	FS	UPF	EUG/MFR
82.	Zig Zag	NW	FS	MHF	PDX/---
83.	Warm Springs	NW	BIA	WSA	DM/PDX
84.	Asheville	SA	FS	NCF	AVL/TYS
85.	Augusta	SA	FS	SHD	SHD/CHO
86.	Jackson	SA	BLM	JAP	JAC/---
87.	Cherokee (T)	SA	FS	VAF	TYS/TRI
88.	Midewin (T)	EA	FS	MPF	ORD
89.	Chena	AK	BLM	HSD	FAI/FBK
90.	Midnight Sun	AK	BLM	HSD	FAI/FBK
91.	Tazlina	AK	STATE	NRS	ANC/FAI
92.	Denali	AK	BLM	HSD	FAI/FBK

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62.2 Minimum Crew Standards for Mobilization

Effective January 1, 2004				
Minimum Standards	**Type 1***	**Type 2 with IA Capability**	**Type 2**	**Type 3**
Fireline Capability	Initial attack/can be broken up into squads, fireline construction, complex firing operations (backfire)	Initial attack/can be broken up into squads, fireline construction, firing to include burnout	Initial attack, fireline construction, firing to include burnout	Fireline construction, fireline improvement, mop-up and rehab
Crew Size	18-20	18-20	18-20	18-20
Leadership Qualifications	Permanent Supervision Superintendent: TFLD, ICT4 Asst. Supt.: STCR, ICT4 3 Squad Bosses: CRWB (T), ICT5	CRWB and 3 ICT5	CRWB and 3 FFT1	CRWB and 3 FFT1
Bilingual Requirement	CRWB and FT1s must be bilingual (able to read and interpret) in language of crew.	CRWB and FT1s must be bilingual (able to read and interpret) in language of crew.	CRWB and FT1s must be bilingual (able to read and interpret) in language of crew.	CRWB and FT1s must be bilingual (able to read and interpret) in language of crew.
Experience	80% 1 season or more	60% 1 season or more	40% 1 season or more	20% 1 season or more
Full-Time Organized Crew	Yes	No	No	No
Communications	5 programmable radios	4 programmable radios	4 programmable radios	4 programmable radios
Sawyers	3 Agency Qualified	3 Agency Qualified	0	0
Training	80 hours annual training	Basic firefighter training and/or annual firefighter safety refresher	Basic firefighter training and/or annual firefighter safety refresher	Basic firefighter training and/or annual firefighter safety refresher

Minimum Standards	Type 1*	Type 2 with IA Capability	Type 2	Type 3
Fitness	Arduous	Arduous	Arduous	Arduous
Logistics	Self-sufficient	Not self-sufficient	Not self-sufficient	Not self-sufficient
Maximum Weight	5100 lbs.	5100 lbs.	5100 lbs.	5100 lbs.
Dispatch Availability	1 hour	Variable	Variable	Variable
Production Factor	1.0	0.8	0.8	N/A
Transportation	Own Transportation	Transportation Needed	Transportation Needed	Transportation Needed
Tools & Equipment	Fully Equipped	Not Equipped	Not Equipped	Not Equipped
Personal Gear	Arrives with: Crew First Aid Kit, personal First Aid Kit, headlamp, 1 qt. canteen, web gear, sleeping bag	Arrives with: Crew First Aid Kit, personal First Aid Kit, headlamp, 1 qt. canteen, web gear, sleeping bag	Arrives with: Crew First Aid Kit, personal First Aid Kit, headlamp, 1 qt. canteen, web gear, sleeping bag	Arrives with: Crew First Aid Kit, personal First Aid Kit, headlamp, 1 qt. canteen, web gear, sleeping bag
PPE	Arrives with: Hardhat, fire resistant shirt/pants, 8" leather boots, leather gloves, fire shelter, hearing/eye protection	Arrives with: Hardhat, fire resistant shirt/pants, 8" leather boots, leather gloves, fire shelter, hearing/eye protection	Arrives with: Hardhat, fire resistant shirt/pants, 8" leather boots, leather gloves, fire shelter, hearing/eye protection	Arrives with: Hardhat, fire resistant shirt/pants, 8" leather boots, leather gloves, fire shelter, hearing/eye protection

Notes:

* Interagency Hotshot Crews (IHC) are a Type 1 Crew that exceeds the Type 1 standards as required by the National IHC Operations Guide (2001) in the following categories:

A. Permanent Supervision with seven (7) career appointments (Superintendent, Assistant Superintendent, 3 Squad Bosses).
B. IHCs work and train as a unit 40 hours per week.
C. IHCs are a National Resource.

63 Smokejumpers

63.1 Numbers

There are approximately 440 smokejumpers at the following locations:

BLM Alaska	(Fairbanks)	68
BLM Great Basin	(Boise)	84
FS Region 1	(Missoula)	70
	(Grangeville)	29
	(West Yellowstone)	20
FS Region 4	(McCall)	70
FS Region 5	(Redding)	40
FS Region 6	(N. Cascade)	24
	(Redmond)	35
	TOTAL	440

63.2 Smokejumper Gear, Weights, and Volume

	LBS.	VOLUME (cu'.)
Jump gear (Includes jump suit, harness, helmet, personal gear bag, pack out bag, and let-down tape)	50 lbs.	4.5 cu'.
Travel Bag	45 lbs.	4.0 cu'.
Main parachute	22 lbs.	1.5 cu'.
Reserve parachute	12 lbs.	1.0 cu'.
Average Smokejumper	175 lbs.	

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64 Pilots – Lead Plane and Smokejumper

The following is a listing of lead plane and smokejumper pilots by location and their qualifications:

	Lead No.	Lead Status	Smj. Status
WO/National Office:			
Kathy Allred	0-1	Q-M	
David Holley			Q-DC3, IP, SJPI
Kevin Stalder			Q-Otter, AK, 48
Rusty Warbis	ASM B-3	Q-M, C	
Ben Hinkle			Q-Otter
Pat Norbury			Q-DC3, Otter, Sherpa, IP, SJPI
NR:			
Kevin Meekin	1-2	Q-M, ASM	
Dolan McDonald	1-4	T	
Shane Klakken	1-6	Q-M, I, ASM	SIC-DC3
David Stickler	1-9	Q-M, ASM	
Joe Sannella			Q-DC3, IP, SJPI
Dick Hulla			Q-DC3, SIC, Sherpa
Jeff Ebiner			T-Sherpa
Shane Bak			Q-Sherpa
RM:			
Thomas Landon	2-1	Q-M	
Ivan Pupulidy	2-3	Q-M, C	
SW:			
Joe Kluk	3-2	T	
Tom French	3-3	Q-M, I	
Forrest Tracy	3-6	T	
GB:			
Cliff Naveaux	ASM B-2	Q-M, C	
Ryan Curl	ASM B-7	Q-M	
Terry Cullen	4-7	Q-M, C	
Greg McDonald	4-9	Q-M, C	SIC, DC3, Otter
Matt Harman			Q-DC3, Otter, IP, SJPI
John Stright			Q-DC3. Otter
Dana Peirson	B-9	T	
CA:			
John Blumm	5-0	T	
Eric Lancaster	5-1	Q	
Bob Justo Coward	5-2	Q-M, C, ASM	Q-Sherpa, Otter, IP, SJPI
Lynn Flock	5-3	Q-M, I	SIC, Sherpa

	Lead No.	Lead Status	Smj. Status
Wendi Gima	5-5	Q	
Rick Haagenson	5-6	Q-M	
John Litton	5-7	Q-M, I	Q-M, IQ, Sherpa, Otter, SJPI, IP
Dan Johnson	5-9	Q-M, C	Q-Sherpa, Otter
Mike Lynn	ASM B-5	Q-M, C	
NW:			
Don Bell	6-0	T	SIC, Sherpa
Ron Barret	6-1	Q	Q-Sherpa, Otter, IP, SJPI
Dave Spleitoff	6-2	T	
Scott Fisher	6-3	Q-M, I	Q-Sherpa, SJPI
Ron Vail	6-4	Q-M, I	Q-Sherpa
Greg House	6-5	Q-M, I	Q-Sherpa
Craig Irvine	6-7	Q-M, I	Q-Sherpa
Eric Shilling	6-8	T	
Jamie Tackman	6-9	Q-M, I	Q-Sherpa, SJPI
Hazel Hammond			SIC, Sherpa
Mike Dark			SIC, Sherpa
SA:			
William McMillan	8-7	T	
Rick Gicla	8-8	Q-M, ASM	
AK:			
Gary Doyle	ASM, A-2	Q-I, M	Q-I, M
Travis Garnick	ASM, A-3	Q-I, M	Q
Doug Burts	ASM, A-4	Q-I, M	Q-M
C. R. Holder			SIC, Sherpa, AK, 48
Chuck Gallagher			Q-Sherpa, IP

STATUS LEGEND:

Q	Qualified (Pilot in Command)
SIC	Second in Command (Co-Pilot)
T	Training
M	MAFFS
C	Lead Plane or Smokejumper Check Airman
I	Lead Plane Mission Instructor
IP	Smokejumper Instructor Pilot
SJPI	Smokejumper Pilot Instructor
AK	Alaska OPM requirement complied with for Alaska Smokejumper Operations
48	Lower 48 orientation requirement completed
ASM	Aerial Supervision Module Platform with an Air Tactical Pilot and Air Tactical Supervisor on board

65 Rappeller and Helicopter Manager Gear, Weights, and Volume

	LBS.	VOLUME (cu'.)
Travel Bag and line gear	65 lbs.	2.0 cu'.
Rappeller's specialized equipment (rope, genie, harness, & PPE)	30 lbs.	1.0 cu'.
Helicopter Manager's specialized Equipment (policy documents)	30 lbs.	1.0 cu'.

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66 Communications Coordinator (COMC)

Duties and Responsibilities:

A. Manages the allocation of communications resources at the Geographic Area level. This includes communications equipment, communications personnel, and associated supplies. The COMC reports to the NIFC Communications Duty Officer (CDO) and directly supports the assigned Geographic Area. COMCs will not be assigned to specific incidents or to Area Command. Orders for this position should originate from the requesting Geographic Area. The order will go to NICC, who will then forward the order to the NIFC CDO to be filled. Situations may occur when communications coordination is required between multiple Geographic Areas. Under these circumstances, a COMC may be assigned to a NICC Resource Order to provide overall coordination and support to COMCs assigned to the affected Geographic Areas.

B. Manages the frequency resources for all incidents under assigned jurisdiction. This includes all frequencies for ground tactical, command, logistics, and air operations.

NOTE: During complex or multiple fire situations, the COMC will request additional qualified personnel to be assigned as field COMCs. Any situation involving complex air operations will require that the COMC request an Aviation Frequency Coordinator specifically for air operations.

C. Maintains an accurate inventory of all communications equipment assigned to complex(es) under their control. This includes equipment assigned to all incidents within the complex(es).

D. Keeps current on the availability of communications resources for future Geographic Area and National requirements. The COMC should be current on procedures needed to obtain such resources. Maintains daily contact with the NIFC CDO.

E. Provides problem-solving recommendations and advice on communications issues to the respective Geographic Area Coordinators, the Area Command Teams, and/or to Incident Management Teams within a complex or on a single incident. National, as well as Geographic Area, priorities will be considered when making recommendations and/or providing advice.

F. Provides the incidents with assistance designing systems and in obtaining specialized communications equipment.

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67 Chief-of-Party/Flight Manager

The Chief-of-Party (COP)/Flight Manager is supervised by the Sending Unit dispatcher until destination is reached. Chief-of-Party/Flight Manager is responsible for all personnel assigned on the manifest list. The Chief-of-Party/Flight Manager duties are:

A. To explain to all personnel, at the beginning of travel, transportation arrangements, type of equipment, route of travel, stopping points, ETAs, etc.

B. To have copies of manifests covering all personnel assigned, extra copies available for charter aircraft and submission to receiving camps, etc. from sending dispatcher.

C. To ensure proper Flight Following procedures are met. The NICC Flight Following telephone number is 1-800-994-6312.

D. To have the telephone numbers of the sending and receiving dispatcher's offices for use when delays of more than thirty (30) minutes occur in order to give information as to why and how long the delay will be.

E. To have all personnel within the weight limitations, assembled, and ready to board.

F. To provide for the safety and welfare of each person assigned to the manifest list.

G. To check pilot card and aircraft data card for currency and qualifications.

H. Chief-of-Party/Flight Manager has total responsibility for insuring that all passengers arrive at their destination.

I. Chief-of-Party/Flight will be responsible for signing the Daily Flight Report – Invoices (Form 6500-122 or OAS-23) for all flights (except for domestic air carriers, airlines, and NIFC contract aircraft).

J. To ensure all personnel have a copy of their Resource Order with request number and position assigned.

K. For Canadian travel, the Chief-of-Party/Flight Manager will ensure proper documentation is included, as outlined in the Canadian/United States Operating Agreement (Chapter 40).

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68 Incident Management Teams

Teams will be ordered by type (Type 1 or Type 2) and configuration (long or short).

68.1 Numbers

There are sixteen (16) National Type 1 Incident Management Teams. The teams are dispersed as follows:

Northern Rockies	2	California	5
Rocky Mountain	1	Northwest	2
Southwest	2	Alaska	1
Great Basin	2	Southern Area	1

68.2 Incident Management Team Configuration

Incident Management Teams ordered through NICC, regardless of type, will be in either a long or short team configuration. Any variation from the standard configuration is at the discretion of the requesting unit ONLY. The Deputy Incident Commander is not mandatory on either team. The Incident Commander and Deputy Incident Commander positions on National Incident Management Teams and Area Type 2 Teams may only be filled by current agency employees. It is recommended that the following positions also be filled by current agency employees: Finance Section Chief, Procurement Unit Leader, Compensation/Claims Unit Leader, and Compensation Specialist.

Short Team Members (Total of 10 positions)

ICT1	Incident Commander Type 1
DPIC	Deputy Incident Commander
SOF1	Safety Officer Type 1
IOF1	Information Officer Type 1
OSC1	Operations Section Chief Type 1* **(2 each)**
AOBD	Air Operations Branch Director
PSC1	Planning Section Chief Type 1
LSC1	Logistics Section Chief Type 1
FSC1	Finance/Administration Section Chief Type 1

Additional Long Team (Total of 27 positions)

DIVS	Division/Group Supervisor* **(4 each)**
ASGS	Air Support Group Supervisor
ATGS	Air Tactical Group Supervisor
SITL	Situation Unit Leader
RESL	Resource Unit Leader* **(2 each)**
FBAN	Fire Behavior Analyst

COML	Communication Unit Leader
SPUL	Supply Unit Leader
FACL	Facilities Unit Leader
GSUL	Ground Support Unit Leader
TIME	Time Unit Leader
COMP	Compensation/Claims Unit Leader
PROC	Procurement Unit Leader

In addition to the 27 positions identified, National Type 1 Incident Management Teams may have a maximum of six (6) trainees. These positions are identified by the National Type 1 Incident Management Teams, not by receiving units. Unless notified otherwise, these trainees will be mobilized for incidents on Federal lands. The National Type 1 Incident Management Team Rotation is maintained throughout the calendar year. The current rotation schedule and assignments can be found at the following web site: http://www.nifc.gov/news/nicc.html.

68.3 National Area Command Team Configuration

National Area Command Teams are ordered through established ordering channels from NICC. Teams are comprised of six (6) positions: four (4) specific and two (2) trainees identified by the Area Commander. Area Commander and Assistant Area Command positions may only be filled by current agency employees.

ACDR	Area Commander
ACPC	Area Command Planning Chief
ACLC	Area Command Logistics Chief
ACAC	Area Command Aviation Coordinator
	Area Command Trainee
	Area Command Trainee

The National Area Command Team Rotation is maintained throughout the calendar year. The current rotation schedule and assignments can be found at the following web site: http://www.nifc.gov/news/nicc.html. (See Chapter 20, Section 22.9.1 for procedures.)

69 Teams – Buying Teams, Administrative Payment Teams, Burned Area Response Teams, National Park Service All Risk Incident management Teams, Interagency Fire Use Management Teams, Interagency Fire Use Modules, and National Fire Prevention Education Teams.

69.1 National Buying Teams

National Buying Teams are National Resources. Team configuration is a seven (7) member team, consisting of three (3) procurement personnel, three (3) support positions and one (1) procurement or leader trainee. One (1) member of the team must be a Contracting Officer (GS-11/02).

A. National Buying Team Rotation

Team locations:

Northern Rockies	1
Eastern Great Basin/Rocky Mountain	1
Eastern Area	1
Southwest	2
California	2
Northwest	2
Southern Area	2

1. Buying Teams will be on call, in a 24-hour call status and available for fourteen (14) day periods. The first team on call will have 24-hour response time (report to a major airport within 24 hours) once requested. The National Rotation is maintained throughout the calendar year. The current rotation schedule and assignments can be found at the following web site: http://www.nifc.gov/news/nicc.html.

2. At the time (clock hour and day of week) a team from the National Rotation is mobilized, the next Geographic Area in rotation will be notified and placed in 24-hour call status for the next fourteen (24) day period.

3. Geographic Areas unable to provide a team for a national assignment will not be considered until the Area comes into the third position again.

4. Geographic Areas with more than one (1) team may decide which team responds to a national call. Geographic Area must pass if no team can meet the 24-hour call.

5. A team will be considered "ineligible" for national assignment if more than one (1) procurement position is to be filled with a substitute or alternate.

6. The NIFC retains the authority to adjust the National Rotation when necessary to achieve team experience objectives.

B. Buying Team Mobilization

When Areas have exhausted Buying Teams internally, the GACC will place orders for Buying Teams through established ordering channels to NICC.

1. Teams are requested by using an Overhead Group request in ROSS.

2. NICC will mobilize the on-call Buying Team through established ordering channels based on the National Rotation.

3. The Buying Team Leader, through their established ordering channels, will notify the GACC of the names assigned to the Group and the team members' home unit.

4. Any Buying Team members located within the Geographic Area and identified by the Team Leader will be mobilized by the GACC.

5. Buying Team members that are located in other Geographic Areas will be ordered through established ordering channels to NICC. Team members will be ordered individually by name request (or ROSS Group roster) and identified by home unit and Geographic Area.

C. Buying Team Demobilization

Buying Teams will be released through established ordering channels.

69.2 Criteria for Ordering Administrative Payment Teams

When ordering an Administrative Payment Team (APT), the following should be considered before requesting a team for incident support:

A. The incident is predicted to be of a long duration (more than two (2) weeks).

B. The incident agency is unable to process the payments during and after the incident due to regular workload demands on the unit's staff.

C. The community which the incident is located near is providing support in the way of materials and supplies and is unable to replenish the stock without financial hardship and must be reimbursed fairly quickly.

69.3 Administrative Payment Teams (APTs)

The following procedures are for the mobilization and demobilization of National Park Service Administrative Payment Teams:

A. Requests

All orders for an Administrative Payment Team are placed through NICC using an Overhead Group request in ROSS. Upon receiving the order, the Team Leader will contact the requesting unit to determine the appropriate team configuration based upon the situation.

B. APT Rotation

Team rotation will be on a two (2) week basis. The rotation will change on alternate Tuesdays, at 2400 Mountain Time.

Team 1:	01/05/05 - 01/18/05
	03/02/05 - 03/15/05
	04/27/05 - 05/10/05
	06/22/05 - 07/05/05
	08/17/05 - 08/30/05
	10/12/05 - 10/25/05
	12/07/05 - 12/20/05
Team 2:	01/19/05 - 02/01/05
	03/16/05 - 03/29/05
	05/11/05 - 05/24/05
	07/06/05 - 07/19/05
	08/31/05 - 09/13/05
	10/26/05 - 11/08/05
	12/21/05 - 01/03/06
Team 3:	02/02/05 - 02/15/05
	03/30/05 - 04/12/05
	05/25/05 - 06/07/05
	07/20/05 - 08/02/05
	09/14/05 - 09/27/05

	11/09/05 - 11/22/05
Team 4:	02/16/05 - 03/01/05
	04/13/05 - 04/26/05
	06/08/05 - 06/21/05
	08/03/05 - 08/16/05
	09/28/05 - 10/11/05
	11/23/05 - 12/06/05

Team 1:	Rose Pollard TX-LAP (505) 842-3473	SWCC, Albuquerque, NM
Team 2:	Debra Ledford SC-KMP (678) 320-3000	SACC, Atlanta, GA
Team 3:	Linda Kelly TN-BSP (678) 320-3000	SACC, Atlanta, GA
Team 4:	Chuck Shoemake AR-FSP (678) 320-3000	SACC, Atlanta, GA

69.4 Burned Area Emergency Response (BAER) Teams

DOI BAER Teams are comprised of personnel from the Bureau of Indian Affairs, Bureau of Land Management, National Park Service, Fish and Wildlife Service, and Forest Service. DOI-BAER Teams may be dispatched to any DOI wildfire incident or where other federal lands are involved. DOI-BAER Teams should be requested at least ten (10) days prior to the anticipated containment of the fire.

A. BAER Team Rotation

There are two (2) teams nationally – the Southern Team and the Northern Team. Both teams are available throughout the calendar year. Below are the two (2) Team Leaders and their first response areas by Geographic Area. Eastern and Southern Areas will follow the external mobilization procedures for any DOI-BAER Team request.

IT IS THE RESPONSIBILITY OF THE TEAM LEADER TO ENSURE THE AVAILABILITY OF ALL TEAM MEMBERS.

<u>Southern Team</u>:

Dave Smith, FWS (503) 808-2720	WA-HFR	NWCC, Portland, OR
Response Areas:	SW, WB, SO	

Northern Team:
Erv Gasser, NPS WA-PNP NWCC, Portland, OR
(503) 808-2720
Response Areas: NW, NR, RM, NO, EB, AK

B. BAER Team Mobilization

During Preparedness Levels 1 – 3, the ordering unit will coordinate directly with the appropriate National BAER Team Leader. During National Preparedness Levels 4 and 5, BAER Team assignments will be coordinated through the NMAC.

1. Internal Mobilization

If the BAER Team Leader is located in the requesting Geographic Area, the GACC may mobilize the team internally. The GACC will notify NICC of the commitment.

a. Requests for Teams will be placed using an Overhead Group request in ROSS. If needed, additional team members will be ordered through normal dispatch channels.

b. The BAER Team Leader will contact the Requesting Unit to ascertain the anticipated values at risk, workload, and type of team members required. The National BAER Team Dispatch Prioritization Criteria will be used to determine the appropriateness of response.

c. The BAER Team Leader, through established ordering channels, will notify the GACC of the names assigned to the Group roster and the team members' home unit.

d. Any BAER Team members located within the ordering Geographic Area and identified by the Team Leader may be mobilized by the GACC.

e. BAER Team members that are located in other Geographic Areas will be ordered through established ordering channels to NICC. Team members will be ordered individually by name request and identified by home unit and Geographic Area.

2. External Mobilization

If the BAER Team Leader is NOT located in the requesting Geographic Area, the GACC will process the order to NICC. All orders will be processed through established ordering channels from the Requesting Unit through the GACC to NICC.

a. Requests for Teams will be placed using an Overhead Group request in ROSS.

b. NICC will notify the BAER Team Leader through established dispatch ordering channels.

c. The BAER Team Leader will contact the Requesting Unit to ascertain the anticipated values at risk, workload, and type of team members required. The National BAER Team Dispatch Prioritization Criteria will be used to determine the appropriateness of response.

(1) The BAER Team Leader, through established ordering channels, will notify the requesting unit of the names assigned to the Group roster and the team members' home unit and Geographic Area. NICC will order teams through established ordering channels.

(2) Any Group roster positions not used will be cancelled with the ordering GACC.

C. BAER Team Demobilization

1. BAER Team members will be released through established ordering channels.

69.5 National Park Service All-Risk Incident Management Team

There is one (1) NPS All-Risk Incident Management Team for National use. This team is available throughout the calendar year. Call-up time for the Team Leader and members is eight (8) hours.

A. All-Risk Incident Management Team Mobilization

1. All resource orders will be processed through established ordering channels from the Requesting Unit through the GACC to NICC.

2. Teams are requested using an Overhead Group request in ROSS.

3. NICC will notify the All-Risk Incident Commander through established ordering channels.

4. The All-Risk Incident Commander will contact the Requesting Unit to ascertain the anticipated workload and number of team members required.

5. The All-Risk Incident Commander, through their established ordering channels, will notify the requesting unit of the names assigned to the Group, the team members' home unit and Geographic Area.

6. Any Group roster positions not used will be cancelled with the ordering GACC.

B. All-Risk Incident Management Team Demobilization

1. All-Risk Incident Management Team members will be released through established ordering channels.

69.6 Interagency Fire Use Management Teams (FUMTs)

These interagency teams are also available to assist with the management of wildland fires. Additional information can be found at the following web site: http://www.fireuse.org.

A. FUMT National Rotation

Team rotation will be on a one (1) week basis. All members on the on-call team are expected to be available for the duration of their on-call period or to arrange for a substitute ahead of time. The rotation will change on Mondays at 2400 Mountain Time. The seasonal availability for all teams will commence at 0001 on the first Tuesday of April and run through 2400 on the last Monday of October. It is the responsibility of the Incident Commander to ensure the availability of the team members. Rotation schedule will be posted at http://www.nifc.gov/news/nicc.html.

During National Preparedness Level 4 and 5 or once four (4) teams or more are assigned, the NMAC will manage all team assignments. The Interagency Fuels Committee Representative is responsible for briefing the NMAC to assure the national prioritization and that critical reserve needs can be met.

The NIFC retains the authority to adjust the National Rotation when necessary to achieve team experience objectives.

B. FUMT Team Mobilization

When Areas have exhausted FUMT Teams internally, the GACC will place orders for FUMT Teams through established ordering channels to NICC.

1. Teams are requested by using an Overhead Group request in ROSS.

2. NICC will mobilize the on-call FUMT Team through established ordering channels based on the National Rotation.

3. The FUMT Incident Commander, through their established ordering channels, will notify the GACC of the names assigned to the Group and the team members' home unit.

4. Any FUMT Team members located within the Geographic Area and identified by the Team Leader will be mobilized by the GACC.

5. FUMT Team members that are located in other Geographic Areas will be ordered through established ordering channels to NICC. Team members will be ordered individually by name request (or ROSS Group roster) and identified by home unit and Geographic Area.

C. FUMT Demobilization

All FUMT members will be released through established ordering channels.

69.7 Interagency Fire Use Modules

Fire Use Modules provide skilled and mobile personnel for prescribed fire management and Wildland Fire Use (WFU). The core module for mobilization will be a minimum of leader, plus three (3). Typically, dispatch is leader, plus six (6), but is at the requestor's discretion to specify exactly what they need. For the FS modules listed, the current configuration is leader, plus nine (9).

A. There are seventeen (17) modules available nationally (9 NPS, 6 FS, 1 BLM, and 1 FWS).

NPS – Intermountain	Kim Thomas – Coordinator

(406) 329-4880

Bandelier Module	SWCC, Albuquerque, NM (505) 842-3473
Saguaro Module	SWCC, Albuquerque, NM (505) 842-3473
Yellowstone Module	NRCC, Missoula, MT (406) 329-4880
Zion Module	EGBCC, Salt Lake City, UT (801) 531-5320

NPS – Midwest — Doug Alexander – Coordinator
(402) 221-4994

Black Hills Module	RMCC, Broomfield, CO (303) 275-5700
Buffalo River Module	SACC, Atlanta, GA (678) 320-3000

NPS – Southeast — Doug Wallner – Coordinator
(215) 597-7140

Great Smoky Module	SACC, Atlanta, GA (678) 320-3000
Cumberland Gap Module	SACC, Atlanta, GA (678) 320-3000

NPS – Pacific West — John Kraushaar – Coordinator
(415) 427-1370

Whiskeytown Module	NOCC, Redding, CA (916) 246-5354

FS – Stanislaus NF — Gary Cones – Coordinator
(209) 532-3671 x 215

Summit Module	SCC, Riverside, CA (909) 276-6721
Calaveras Module	SCC, Riverside, CA

(909) 276-6721

MiWuk Module — SCC, Riverside, CA
(909) 276-6721

FS – Inyo NF — Jeff Powers – Coordinator
(760) 924-5514

Mammoth Module — SCC, Riverside, CA
(909) 276-6721

FS – Eldorado NF — Darcy Parker – Coordinator
(530) 333-5583

Iron Mountain Module — SCC, Riverside, CA
(909) 276-6721

FS – Lewis and Clark NF — Brad MacBratney – Coordinator
(406) 466-5341

Lewis & Clark Module — NRCC, Missoula, MT
(406) 329-4880

BLM – Unaweep FUM — Ross Oxford – Coordinator
(970) 244-3119

Unaweep Module — RMCC, Broomfield, CO
(303) 275-5700

FWS – Balcones Canyonlands NWR
Carl Schwope – Coordinator
(512) 267-9087

Balcones Module — SACC, Atlanta, GA
(678) 320-3000

B. Fire Use Module Mobilization

1. Internal Mobilization

If a Fire Module is located in the requesting Geographic Area, the GACC may mobilize the module internally. There are local unit agreements to share Fire Use Modules between bordering units in different Geographic Areas. (See Fire Use Modules, Operations Guide at the following web site: http://www.fireuse.org.)

a. Modules will be requested using an Overhead Group in ROSS.

b. When the Module Leader receives the request, they will contact the Ordering Unit to discuss mobilization logistics, need for crew vehicles, specific support equipment required, travel options, delivery point, and check-in requirements during mobilization.

2. External Mobilization

If the Fire Use Module is NOT located in the requesting Geographic Area, the GACC will process the order to NICC. All resource orders will be processed through established ordering channels from the Requesting Unit through the GACC to NICC.

a. Modules will be requested using an Overhead Group in ROSS.

b. NICC will order the Fire Use Module through established ordering channels.

c. When the Module Leader receives the request, they will contact the Ordering Unit to discuss mobilization logistics, need for crew vehicles, specific support equipment required, travel options, delivery point, and check-in requirements during mobilization.

d. Any request numbers (ROSS roster positions) not used will be cancelled with the Ordering Unit.

C. Fire Use Module Demobilization

Fire Use Module members will be released through established ordering channels.

69.8 National Fire Prevention Education Teams

Fire Prevention Education Teams provide skilled and mobile personnel for fire prevention education activities. The core module for mobilization will be a minimum of Team Leader plus two.

Additional resources may be requested if the situation dictates. The requesting unit (host) can request a team configuration based on their needs.

A. Fire Prevention Education Team Rotation

1. A National Fire Prevention Education Team will be on-call in a 24 hour call status and available for 14 day assignments. This team has a 72 hour report time when mobilized.

2. There is also an "Available Team" which will move to the on-call status when the on-call team is mobilized.

3. The local unit will request the team through established ordering channels to NICC.

4. The assigned National Fire Prevention Education Team Coordinator is available to take the initial request information and to confirm the configuration of the team to NICC as needed.

5. The team will normally consist of a Fire Prevention Education Team Leader (PETL), Fire Prevention Education Team Member (PETM) and either an Information Officer 1 or 2 or THSP – Public Affairs.

B. National Fire Prevention Education Mobilization

When Areas have exhausted the capability to provide fire prevention education personnel internally, GACCs will place orders for National Fire Prevention Education Teams through established ordering channels to NICC.

1. Teams will be requested using a Group request in ROSS. Requests will be placed with NICC through established ordering channels.

2. NICC will notify the National Team Coordinator for confirmation of the on-call team members and proceed with mobilization.

3. The National Coordinator, through established ordering channels will provide the number of team members required, and the names and home unit of the team members who will be assigned to the team roster.

C. National Fire Prevention Education Team Demobilization

National Fire Prevention Education Teams will be released through established channels.

D. National Fire Prevention Education Team Coordinators

1. The Firehouse
   1030 Gettysburg #105
   Clovis, CA 93612

2. Harry "Punky" McClellan
   559-323-1756 – phone
   559-307-4977 – cell
   559-323-4128 – fax
   email: hrpunky@aol.com

3. Riley McClellan
   559-323-1756 – phone
   559-213-2564 – cell
   559-323-4128 – fax
   email: riley1@thefirehouseinc.com

National Fire Prevention Education Team Web Site:

www.firepreventionteams.us

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CHAPTER 70

Equipment/Supplies

CHAPTER 70 – EQUIPMENT/SUPPLIES

71 National Interagency Radio Support Cache (NIRSC)

For a complete listing of NIRSC telecommunications components, refer to the 2004 National Incident Radio Support Cache User's Guide, NFES #0968, or the NWCG Fire Supplies and Equipment Catalog, Part 1, NFES #0362.

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72 National Contract Mobile Food Services and National Contract Mobile Shower Facilities

For a complete listing of the Schedule of Items and contract specifications for the National Contract Mobile Food Service Units and National Contract Mobile Shower Facilities, refer to the 2005 National Contract Mobile Food Services publication, NFES #1276, and the 2005 National Contract Mobile Shower Facilities publication, NFES #2729. This information can also be found at the following web site: http://www. fs.fed.us/fire/contracting.

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73 National Contract Mobile Commissary Services

For a complete listing of the Schedule of Items and contract specifications for the National Contract Mobile Commissary Services, please refer to the 2005 National Contract Mobile Commissary Services Contract.

This document is available from:

USDA Forest Service, Contracting
3833 South Development Avenue
Boise, ID 83705
(208) 387-5347

This can also be found at the following web site:
http://www.fs.fed.us/fire/contracting/commissary/commissary.htm.

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74 Atmospheric Theodolite Meteorological Unit (ATMU) (NFES #1836)

Atmospheric Theodolite Meteorological Units (ATMUs) will be requested on a Supply Order through established ordering channels. Mobilization of ATMUs is not automatic. They will be mobilized only upon request from the Incident Meteorologist.

Twenty-five (25) ATMUs are available at the National Interagency Support Caches for response to wildland fires and other projects requiring National Weather Service property. For ATMU component description, please refer to the NWCG Fire Supplies and Equipment Catalog, Part 1, NFES #0362.

ATMU Cache Locations:

Area	Cache Location	ATMU
SW	Prescott, AZ (Prescott Fire Cache)	AZ-01, AZ-02
	Silver City, NM (Silver City Fire Cache)	NM-01, NM-02
NO	Redding, CA (NO Fire Cache)	CA-01, CA-03, CA-05, CA-07
SO	Ontario, CA (SO Fire Cache)	CA-02, CA-04, CA-06
RM	Lakewood, CO (RM Fire Cache)	CO-01, CO-02
GB	Boise, ID (GB Fire Cache)	ID-01, ID-02, ID-03, ID-04, ID-05, ID-06
SA	London, KY (SA Fire Cache)	KY-01, KY-02
EA	Grand Rapids, MN (EA Fire Cache)	MN-01
NR	Missoula, MT (NR Fire Cache)	MT-01, MT-02, MT-03

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75 Fire/Project Remote Automatic Weather Stations, (FRAWS – NFES #5869 / PRAWS – NFES #5870)

Requests for FRAWS/PRAWS will be placed with NICC through established ordering channels on Supply Orders. Any necessary technicians, vehicles, or air transportation required for mobilization and demobilization will be coordinated through NIFC. As availability of equipment and associated technician support will depend on a variety of factors, prior phone coordination with the National Interagency Fire Center Remote Weather/Fire Weather Support Unit (RSFWSU) at (208) 387-5726 is recommended. The requesting agency must contact the NIFC Remote Sensing Fire Weather Support Unit prior to ordering to determine a specific PRAWS configuration. Upon release from the incident, the FRAWS or PRAWS will be returned to NIFC.

Approximately 35 FRAWS and 65 PRAWS are cached at the RSFWSU for response to wildland fires and other projects requiring environmental monitoring. For specific use and description, refer to the NWCG Fire Supplies and Equipment Catalog, Part 1, NFES #5869/5870.

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76 Engines and Water Tenders

The table below lists the NWCG type standards for engines and water tenders. Please use these types requesting engines and water tenders.

NWCG Engine Types

COMPONENTS	STRUCTURE ENGINES		WILDLAND ENGINES				
	1	2	3	4	5	6	7
Pump Rating							
minimum flow (gpm)	1000+	250+	150	50	50	30	10
at rated pressure (psi)	150	150	250	100	100	100	100
Tank Capacity Range (gal)	400+	400+	500+	750+	400-750	150-400	50-200
Hose (feet)							
2.5 inch	1200	1000	?	?	?	?	?
1.5 inch	400	500	500	300	300	300	?
1 inch	?	?	500	300	300	300	200
Ladders	48'	48'	?	?	?	?	?
Master Stream (GPM)	500	?	?	?	?	?	?
Personnel (minimum)	4	3	3	3	3	2	2

NWCG Water Tender Types

COMPONENTS	WATER TENDER TYPES		
	1	2	3
Tank Capacity (gallons)	5000+	2500+	1000+
Pump Capacity (GPM) *	300+	200+	200+
Off Load Capacity (GPM)	300+	200+	200+
Max Refill Time (minutes)	30	20	15

*Portable Pump Acceptable

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CHAPTER 80

Aircraft

CHAPTER 80 – AIRCRAFT

81 NIFC Aircraft and Contract Large Transport Aircraft

NIFC Aircraft are National Interagency Resources.

81.1 NIFC Aircraft – FS

Daily Aircraft	Per Hour	Flight Rate (For)
N144Z – Cessna Citation	$ 602	$ 1,327
N148Z – King Air 200	$ 448	$ 733

A Fixed Operating Rate (FOR) is charged for all non-FS administrative flights. It is not charged to any user if the mission is for fire suppression. Forest Service administrative flights do not pay the FOR. For further information, contact the FS National Aviation Operations at NIFC.

Rates are subject to change.

PERFORMANCE

N144Z Cessna Citation

- Block speed – 370 kts.
- Fuel – Jet.
- Endurance for infrared missions (2 Pilots, 1 Technician) 4.5 Hours (with reserves
- Maximum take-off weight – 14,800 lbs.
- Runway – Hard surface, minimum 4,000 feet @ sea level
- Passenger configuration – 6 passengers + baggage.

N148Z King Air 200 (Cargo Door)

- Block speed – 240 kts.
- Fuel – Jet
- Endurance for infrared missions (2 Pilots, 1 Technician) 4 Hours (with reserves
- Maximum take-off weight – 12,500 lbs.
- Runway – Hard surface, minimum 4,000 feet @ sea level
- Passenger configuration – 6-8 passengers + baggage
- Cargo configuration – 2,000 lbs. (1 Pilot), 2 + 30 hour endurance (with reserves).

81.1.1 Airborne Thermal Infrared (IR) Fire Mapping and Detection

A. Capabilities and Limitations:

1. Infrared Scanners:

a. Infrared energy can penetrate smoke and haze, but is limited by clouds and fog. Infrared energy follows a line-of-sight path.

b. For best results, imagery should be taken between the hours of 1000-1400 and between one (1) hour after sunset and one (1) hour before sunrise. Imagery flights can be made at other times, but expect degradation in fire detection.

2. Infrared Aircraft:

a. All infrared aircraft can air drop imagery. The final decision for a drop will be left to the Pilot-in-Command and only when positive air-to-ground communications has been established.

b. Aircraft normally require a 5,000 foot, hard-surfaced, lighted runway. A 28-volt, 1,000 amp ground power unit (GPU) should be provided for aircraft starting.

81.2 NIFC Large Transport Contract Aircraft

Aircraft	Flight Rate Per Hour	Daily Availability	Passenger Seating

Contract not awarded at this time.

82 Tactical Aircraft

82.1 Lead Planes – FS

Region 1	
Region 2	
Region 3	N133Z
Region 4	N104Z, N146Z
Region 5, North	N153Z, N155Z
Region 5, South	N152Z
Region 6	N165Z
Region 8	N181Z, N182Z

82.2 Aerial Supervision Aircraft – BLM

The BLM has five (5) Exclusive-Use Contract U-21 twin-engine turboprop aircraft.

N30W
N32P
N37H
N38V
N39Q

82.3 Air Tactical Avionics Typing

Required Equipment	Type 1	Type 2	Type 3	Type 4
Aeronautical VHF-AM radio transceivers	2 each	2 each	2 each	2 each
Aeronautical VHF-FM radio transceivers	2 each	1 each	1 each	
Panel Mounted GPS	1 each	1 each		
Handheld GPS			1 each	1 each
Separate audio control systems for pilot and ATGS	X	X	X	
Audio/mic jacks with PTT capability in a rear seat connected to co-pilot/ATGS's audio control system	X	X	X	
Intercommunication System	X	X	X	
Plug for auxiliary VHF-FM portable radio or one additional VHF-FM transceiver	X	X		
Accessory Power Source				X
Portable Air Attack Kit				X

82.4 Smokejumper Aircraft

AK	Contract Dornier 228 3 Contract Casa 212s
EB	N141Z – DHC-6 N142Z – DC-3T N143Z – DHC-6
NO	N175Z – Shorts 330 N376AS DC-3T
NR	N115Z – DC-3T N179Z – Shorts 330 Contract Dornier 2 Contract DHC-6
NW	N173Z – Shorts 330 N178Z – Shorts 330 Contract Casa 212
WB	N49SJ – DHC-6 3 Contract DHC-6

83 Federal Airtankers – 2005

The primary mission of federally contracted large fixed-wing airtankers is initial attack operations.

The NICC will prioritize and allocate federal airtankers by positioning them in areas of current or predicted high wildfire activity in accordance with the NMAC Preparedness Strategy, 2005.

There will be no assigned bases. Administrative base management personnel and scheduled pilot days off will be determined after contract award.

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84 Helicopters – Exclusive Use

84.1 Type 2 Exclusive Use Helicopters – 2005

AREA	BASE	AGENCY	VENDOR	AC TYPE	DATES (APPROX.)
AK	Fairbanks	BLM	Agrotors	B212	5/31 - 7/14
AK	Fairbanks	BLM	Evergreen	B212	5/31 - 8/28
AK	Fairbanks	BLM	Temsco	B212	5/31 - 8/28
EB	Price Valley	FS	TBD	TBD	5/28 - 9/04
EB	Price Valley	FS	Heliquest	TBD	6/03 - 9/30
EB	Lucky Peak	FS	TBD	TBD	6/11 - 9/28
NO	Quincy	FS	Kachina	B212	6/05 - 9/16
NO	Big Hill	FS	Helimax	B214	6/15 - 10/01
NO	Chester	FS	ERA	B212	6/15 - 10/15
NO	Trinity	FS	TBD	TBD	6/10 - 10/15
NO	Scott Valley	FS	TBD	TBD	6/01 - 9/23
NW	Sled Springs	FS	TBD	TBD	6/10 - 9/25
SO	Chilao	FS	TBD	TBD	6/10 - 11/02
SO	Apple Valley	BLM	Rogers	B212HP	5/20 - 9/16
So	Bakersfield	BLM	Kachina	B212HP	5/19 - 9/15
SO	Bald Mountain	FS	Rogers	B212	6/01 - 10/15
SO	Heaps Peak	FS	TBD	TBD	6/02 - 11/01
SO	Ramona	FS	TBD	TBD	5/28 - 11/13
SO	Trimmer	FS	TBD	TBD	6/15 - 10/10
SO	Kernville	FS	Kachina	B212	5/24 - 10/18
SO	Peppermint	FS	Kachina	B212TBD	5/24 - 10/10
SO	Santa Ynez	FS	TBD	TBD	6/15 - 10/08

84.2 Type 2 National Use Helicopters – 2005

AREA	BASE	AGENCY	VENDOR	AC TYPE	DATES (APPROX.)
EB	Boise	FS	Southern	B205A1++	7/15 - 10/12
EB	Ogden	FS	Agrotors	B212HP	7/12 - 10/13
NR	Missoula	FS	Helijet	B205A1++	7/13 - 10/11
NR	Dillon	FS	TBD	TBD	7/16 - 10/12
NW	Wenatchee	FS	Worldwind	B205A1++	7/02 - 9/29
NW	John Day	FS	Worldwind	B205A1++	7/-3 - 9/30
RM	Durango	FS	River City	B205A1++	7/01 - 8/29
SW	Sedona	FS	Agrotors	B212HP	5/16 - 7/11

84.3 Type 1 Exclusive Use Helicopters, Standard Category – 2005

AREA	BASE	AGENCY	VENDOR	AC TYPE	DATES (APPROX.)
SO	Arroyo Grande	FS	Pacific	S61	6/01 - 11/01

84.4 Type 1 Exclusive Use Helicopters, Limited Category – 2005

AREA	BASE	AGENCY	VENDOR	AC TYPE	DATES (APPROX.)
EA/RM	Ely/Jeffco	FS	Erickson	S64	5/17 8/17
SO	French Valley	FS	Heavylift	S54	7/15 - 10/12
SO	Van Nuys	FS	Erickson	S64	7/15 - 10/12
NW	Legrande	FS	HTS	S54	7/15 - 10/12
SO	San Bernardino	FS	Heavylift	S54	7/15 - 10/12
SW	Prescott	FS	TBD	TBD	5/15 - 7/01

APPENDIX

APPENDIX

Appendix 1 – Acronym Guide

The following acronyms are used throughout the National Mobilization Guide:

AD	Administratively Determined
AFF	Automated Flight Following
AMD	Aviation Management Directorate
AMRS	All-Hazards Meteorological Response System
APT	Administrative Payment Team
ARA	Aircraft Rental Agreement
ASAT	Aviation Safety Assistance Team
ASMI	Aerial Supervision Module
ATD	Actual Time of Departure
ATMU	Atmospheric Theodolite Meteorological Unit
BAER	Burned Area Emergency Response
BIA	Bureau of Indian Affairs
BLM	Bureau of Land Management
BNML	Battalion Military Liaison
BPA	Blanket Purchase Agreement
CDO	Communications Duty Officer
COMC	Communications Coordinator
COML	Incident Communication Unit Leader
COP	Chief-of-Party
COR	Contracting Officer Representative
COTR	Contracting Officer Technical Representative
CREP	Crew Representative
CRM	Crew Resource Management
CWN	Call When Needed
DASP	Disaster Assistance Support Program
DCO	Defense Coordinating Officer
DFO	Disaster Field Office
DMS	Dispatch Messaging System
DOI	Department of Interior
EERA	Emergency Equipment Rental Agreement
EFTR	Emergency Firefighter Time Report
ESF	Emergency Support Function
EST	Emergency Support Team
ETA	Estimated Time of Arrival

ETD	Estimated Time of Departure
ETE	Estimated Time Enroute
FAA	Federal Aviation Administration
FAR	Federal Aviation Regulations
FAST	Fire and Aviation Safety Team
FBO	Fixed Base Operator
FEMA	Federal Emergency Management Agency
FFAST	Federal Fire and Aviation Safety Team
FMO	Fire Management Officer
FOG	Field Operations Guide
FOR	Fixed Operating Rate
FRP	Federal Response Plan
FRS	Family Radio Service
FRAWS	Fire Remote Automatic Weather Station
FS	Forest Service
FUMT	Fire Use Management Team
FWS	Fish and Wildlife Service
GACC	Geographic Area Coordination Center
GMAC	Geographic Multi-Agency Coordinating Group
GPU	Ground Power Unit
GSA	General Services Administration
HCWN	Helicopter Manager Call When Needed
HSPD	Homeland Security Presidential Directive
HUDC	Host Unit Dispatch Center
IA	Initial Attack
IARR	Interagency Resource Representative
IBA	Incident Business Advisor
ICS	Incident Intelligence Summary
IHC	Interagency Hotshot Crew
IMET	Incident Meteorologist
IMSR	Incident Management Situation Report
INRP	Initial National Response Plan
IQCS	Incident Qualification Certification System
IR	Infrared
IRIN	Infrared Interpreter
ISO	Incident Support Organization
ISOG	Interagency SEAT Operations Guide
MAC	Multi-Agency Coordinating Group
MAFFS	Modular Airborne Firefighting Systems
MCAD	Military Crew Advisor

MOU	Memorandum of Understanding
NASF	National Association of State Foresters
NCO	National Contracting Officer
NFES	National Fire Equipment System
NICC	National Interagency Coordination Center
NIFC	National Interagency Fire Center
NIMS	National Incident Management System
NIRSC	National Incident Radio Support Cache
NISCC	National Interagency Supply Cache Coordinator
NMAC	National Multi-Agency Coordination Group
NPS	National Park Service
NRP	National Response Plan
NWCG	National Wildfire Coordinating Group
NWS	National Weather Service
O	Overhead
OFDA	Office of Foreign Disaster Assistance
OSHA	Occupational Safety & Health Administration
PAX	Passengers
POE	Point of Entry
PPE	Personal Protective Equipment
PRAWS	Project Remote Automatic Weather Station
RAO	Regional Aviation Officer
ROC	Regional Operations Center
ROSS	Resource Order Status System
SEAT	Single Engine Air Tanker
STLM	Strike Team Leaders - Military
TFR	Temporary Flight Restriction
THSP	Technical Specialist
USA	United States of America
USFA	United States Fire Administration
UTF	Unable to Fill
VICC	Virginia Interagency Coordination Center
VOR	VHF Omnidirectional Range Navigation System
WFU	Wildland Fire Use
WUI	Wildland Urban Interface

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