

1 Chapter 02  
2 BLM Wildland Fire and Aviation Program  
3 Organization and Responsibilities

4  
5 Introduction

6 This document states, references, or supplements policy for Bureau of Land  
7 Management (BLM) Fire and Aviation Program Management. The standards  
8 provided in this document are based on current Department of Interior (DOI) and  
9 Bureau policy, and are intended to provide fire program guidance. The intent is to  
10 ensure safe, consistent, efficient, and effective fire and aviation operations. This  
11 document will be reviewed and updated annually.

12  
13 ~~Office of~~ Fire and Aviation

14 The ~~Bureau of Land Management Office of~~ BLM Fire and Aviation  
15 ~~(OF&A Directorate (FAD))~~ consists of ~~an Assistant~~ Director (~~OF&AAD~~), Deputy  
16 ~~Assistant~~ Director (~~Boise~~ BODAD), Deputy ~~Assistant~~ Director  
17 (~~Washington~~ WODAD), Fire Operations ~~Group Manager, Division Chief,~~  
18 Aviation ~~Group Manager~~ Division Chief, Planning and Resources ~~Group~~  
19 ~~Manager~~ Division Chief, Support Services ~~Group Manager~~ Division Chief, Budget  
20 and Evaluation Chief, External Affairs ~~Group Manager, Division Chief, National~~  
21 ~~Radio Communication Division Chief, and~~ Equal Employment Opportunity  
22 Manager, ~~and the International Program Manager.~~

23  
24 Program Manager Responsibilities

25  
26 ~~Assistant~~ Director, ~~Office of~~ Fire and Aviation

27 Develops policies and standards for firefighting safety, training, and for the  
28 prevention, suppression, and use of wildland fires on Bureau lands.

29 Provides guidance to State Directors on the use of prescribed fire and fuels  
30 management to achieve hazardous fuels reduction and resource management  
31 objectives.

32 Integrates fire and aviation management procedures into natural resource  
33 management.

34 Establishes position competencies, standards, and minimum qualifications for  
35 Fire Management Officers, Fire Management Specialists, and leaders based on  
36 federal interagency standards recommended by the National Fire and Aviation  
37 Executive Board.

38 Implements the interagency Fire Program Analysis (FPA) process and develops  
39 procedures and standards for the distribution of program resources.

40 Reviews and evaluates state fire and aviation management programs.

41 Represents the ~~Bureau of Land Management~~ BLM in the coordination of overall  
42 fire and aviation management activities at National Interagency Fire Center  
43 (NIFC), on intra- and interagency fire committees, groups, and working teams.

44 In conjunction with Federal Fire Directors, establishes priorities for assignment  
45 of critical resources during wildland fire emergencies.

- 1 Initiates or participates in Boards of Review concerning actions taken on selected  
2 wildland fires.
- 3 Negotiates cooperative agreements and/or modifications of existing national level  
4 agreements to improve fire and aviation management activities on bureau lands.
- 5 Reviews funding requests for severity, hazardous fuel reduction, and emergency  
6 rehabilitation of bureau lands damaged by wildland fires; makes determinations  
7 on funding levels and recommends approval to the Director, ~~Bureau of Land~~  
8 ~~Management~~ BLM.
- 9 Serves as designated contact for the United States Department of the Treasury for  
10 the certification and revocation of Certifying Officers and Assistant Disbursing  
11 Officers (CO/ADO) and Designated Officials for emergency incident payments.
- 12
- 13 Fire Operations ~~Group Manager~~  
14 Division Chief
- 15 Serves as the principal technical expert on fire operations to the Assistant  
16 Director, ~~OF&A~~ Deputy Assistant Director (FA) and to the BLM State Fire  
17 Programs.
- 18 Provides the Assistant Director, ~~OF&A~~, and the Deputy Assistant Director (FA)  
19 technical advice, operational oversight, and leadership in all aspects of fire  
20 operations.
- 21 Performs annual fire program preparedness reviews. Evaluates compliance with  
22 policies, objectives, and standards. Assesses operational readiness and provides  
23 technical assistance to solve identified problems. Performs other operations  
24 reviews as required /requested.
- 25 Assists the Assistant Director, ~~OF&A~~ and Deputy Assistant Director (FA), in the  
26 formulation and establishment of national policies and programs pertinent to  
27 wildland fire preparedness, suppression, shared national resources, safety,  
28 training, and equipment.
- 29 Serves as the BLM technical expert on national interagency mobilization and  
30 utilization of fire suppression resources.
- 31 Develops national plans, standards, and technical guides for the BLM and  
32 interagency fire management operations.
- 33 Develops and implements safety programs, accident investigation procedures,  
34 and safety trend analyses.
- 35
- 36 Aviation ~~Group Manager~~  
37 Division Chief
- 38 Serves as principal aviation advisor to the Assistant Director, ~~Office of Fire and~~  
39 Aviation Deputy Assistant Director (FA), other staffs, states, and to the DOI.
- 40 Identifies and develops bureau aviation policies, methods and procedures, as well  
41 as standardized technical specifications for a variety of specialized firefighting  
42 and other missions for incorporation into the directives system.
- 43 Coordinates aviation-related activities between the Washington Office (WO),  
44 states, and with other wildland firefighting, regulatory, investigative, military  
45 agencies, and services.

- 1 Coordinates provision and use of aviation resources with Business Practices,  
2 aviation user staffs at the WO, and state office level.  
3 Represents the BLM at interagency meetings, in interagency committees  
4 developing government-wide aviation policies, requirements, procedures, reports,  
5 and at aviation industry meetings and conventions.  
6 Develops and implements aviation safety programs, accident investigation  
7 procedures, and aviation safety trend analyses.  
8 Plans and conducts reviews and evaluations of state aviation programs.  
9 Plans and conducts technical and managerial analyses relating to the  
10 identification of aviation organization and resources appropriate for agency use,  
11 cost-effectiveness of aviation firefighting, other specialized missions, aircraft  
12 acquisition requirements, equipment developmental needs, and related areas.  
13
- 14 Planning and Resources ~~Group Manager~~  
15 Division Chief  
16 Responsible for the development and implementation of the bureau wide fire  
17 planning program. Provides guidance and assistance in administering the  
18 technical and operational aspects of ~~the Bureau's~~BLM's fire planning program at  
19 the regional and agency levels for the accurate identification of program funding  
20 needs. Checks for accuracy in computations with instructions and policies.  
21 Responsible for the development and coordination of the ~~Bureau's~~BLM's  
22 prescribed fire, fuels management, and fire prevention annual program, and  
23 recommends the distribution of program funds to regions.  
24 Tracks all fuels management fund distributions and prior year carryover funds.  
25 Develops and maintains a national database for fuels management  
26 accomplishments in Indian Trust Lands.  
27 Analyzes hazards and risks in the wildland urban interface using fuels  
28 modification or reduction techniques, and develops recommendations for  
29 bureau-wide application. Examines and analyzes laws and regulations pertaining  
30 to prescribed fire use/fuels management in the wildland urban interface, and  
31 works with top level bureau representatives, states and rural fire districts to  
32 recommend policy which will achieve uniformity.  
33 Serves as the BLM's primary subject matter expert for National Fire  
34 Management Analysis System (NFMAS) fire planning, Personal Computer  
35 Historical Analysis (PCHA), Geographic Information System (GIS), Global  
36 Positioning System (GPS), Lightning Detection System (LDS), Weather  
37 Information Management System (WIMS), prescribed fire software programs,  
38 and provides user training in those applications.  
39
- 40 Support Services ~~Group Manager~~Division Chief  
41 Manage all aspects of the responsibilities and programs under the jurisdiction of  
42 NIFC for the benefit of the BLM and cooperating agencies.  
43 Directs the accomplishment of the approved operating budget, exercising  
44 appropriate control to assure program quality goals are met according to  
45 established standards.

- 1 Interprets departmental and bureau policies and directives as they affect NIFC  
2 programs.  
3 Participates in the ~~bureau~~BLM-wide and interagency task force activities as a  
4 leader or member.  
5 Responsible for the NIFC Site and Facilities Management, Business Practices,  
6 Human Resources, and Information Resource Management.  
7 Is a focal point and frequent spokesperson for the bureau and the national level  
8 management, assures a public awareness of bureau programs and coordinates  
9 with key officials in affected federal agencies, states, and occasionally with other  
10 entities such as: foreign governments, private individuals, private organizations,  
11 vendors, suppliers, transportation groups, airlines, and others.  
12 Supports the implementation of the ~~Bureau's~~BLM's Automation/Modernization/  
13 Information Resource Management (IRM) initiatives as they apply to  
14 BLM/NIFC.  
15  
16 External Affairs ~~Group Manager~~Division Chief  
17 Responsible for coordination of information between the Departmental Office of  
18 Wildland Fire Coordination to the BLM, BIA, USFWS, NPS, FS, National  
19 Association State Foresters (NASF), and Federal Emergency Management  
20 Agency (FEMA) at NIFC.  
21 Responsible for coordination of the responses to: Office of management and  
22 Budget (OMB), Government Accounting Office (GAO), congressional, political  
23 and other external inquires between agencies and departments, establishing and  
24 maintaining cooperative relationships resulting in quality work products.  
25 Serves as the manager of the External Affairs program for the National  
26 Interagency Fire Center.  
27 Develops recommendations pertaining to External Affairs aspects for BLM Fire  
28 and Aviation policies.  
29 Initiates External Affairs policies and procedures pertaining to Fire and Aviation  
30 for adoption at the department level in conjunction with other departments and  
31 agencies.  
32 Serves as personal and direct representative of the ~~Assistant~~ Director, ~~Office of~~  
33 Fire and Aviation at various meetings and functions with members of congress  
34 and staff, state governors and legislatures, officials of local, state and federal  
35 agencies, major private corporations, public and private interest groups, and  
36 foreign governments.  
37 Serves as External Affairs expert and consultant to the ~~Assistant~~ Director, ~~Office~~  
38 ~~of~~ Fire and Aviation on a wide variety of issues and policies of controversial  
39 nature, providing analysis and advice on public reaction to major policy and  
40 program issues.  
41 Coordinate with legislative affairs on proposed legislation regarding FA.  
42  
43  
44 Equal Employment Opportunity Manager (EEO)

1 Manages the Equal Employment Opportunity (EEO) program in accordance with  
2 legal, regulatory, and policy requirements.  
3 Manages and directs the Counseling Program, and Alternative Dispute  
4 Resolution (ADR) programs, in accordance with Equal Employment Opportunity  
5 Commission (EEOC) regulations and BLM policy as well as for other NIFC  
6 agencies.  
7 Advises managers and aggrieved persons of employee rights and responsibilities,  
8 procedural options and timeframes in conflict situations, formulates proposed  
9 resolutions.  
10 Negotiates with managers, aggrieved persons and their representatives to  
11 informally resolve EEO matters, and executes final settlement agreements.  
12 Manages the Affirmative Employment Program (AEP).  
13 Develops and maintains the accessibility program for the disabled, required under  
14 Section 504 of the Rehabilitation Act of 1973, as amended, and the Americans  
15 with Disability Act (ADA of 1990).  
16 Conducts analyses to evaluate progress in meeting equal employment opportunity  
17 program goals.  
18 Administers training activities for the organization.  
19 Provides managers and supervisors with guidance and advice on issues related to  
20 EEO/civil rights program activities.  
21 Represents the organization in meetings with public and private groups,  
22 universities, minority and women's organizations, other DOI components, and  
23 other federal agencies.

24  
25 ~~International Program Coordinator~~

26 ~~Defines the mission, goals, and objectives of the BLM Office of Fire and~~

27 ~~Aviation International Program (IP).~~

28 ~~Develops and updates written guidelines for Internal Affairs and manages the~~  
29 ~~program on a day-to-day basis.~~

30 ~~Is the primary liaison between BLM and departmental level offices (Policy,~~  
31 ~~Management and Budget, External and Inter-governmental Affairs, and the~~  
32 ~~Solicitor's Office) on Fire and Aviation's IP activities.~~

33 ~~Initiates, plans, and coordinates the preparation of letters of invitation, necessary~~  
34 ~~visas and clearances, prepares agendas, and presents briefings to high level~~  
35 ~~international visitors brought to the United States through the IP.~~

36 ~~Collaborates in the formulation of interagency fire management and fire~~  
37 ~~suppression program activities in order to identify and promote domestic "best~~  
38 ~~practices" for potential use in the international fire management environment.~~

39 ~~Advises the Director and other senior managers within the Office of Fire and~~  
40 ~~Aviation on issues related to BLM involvement in all risk disasters such as~~  
41 ~~wildfire, other natural disasters, and terrorism.~~

42 ~~Identifies qualified BLM employees for international disaster assistance support~~  
43 ~~and international assignments.~~

44 ~~Coordinates the interagency relationship with the Forest Service's Disaster~~  
45 ~~Assistance Support Program (DASP), the U.S. Agency for International~~

Development's Office of Foreign Disaster Assistance (OFDA), and manages the Memorandum of Understanding (MOU) between DASP and BLM. Provides leadership in developing disaster management coordination mechanisms, procedures, methodologies, and written guidelines for use during international disaster response activities with DASP, OFDA, the Department of Defense, UN relief organizations, and humanitarian relief organizations. Performs as both the National Military Logistics Coordinator and the International Logistics Coordinator during National Preparedness Levels 4 and 5. National Radio Communications Division (WO-410)

The National Radio Communications Division (NRCD) provides national leadership and policy development for national level cooperative agreements and memorandums of understanding with cooperators and partners to achieve radio interoperability, system sharing, and other areas of mutual interest. Provides support regarding the national radio contracts (GSA, DOI, etc.) to evaluate conventional P-25 radio equipment requirements. Coordinates national level interagency sharing initiatives and develops long term national overarching radio system plans to share radio backbone and mountaintop facilities, frequencies and equipment with federal, state and local cooperators. Process radio frequency authorizations (RFAs), and performs 5-year radio frequency reviews to ensure compatible operation and optimal use of the limited frequency spectrum resources. Leads/participates in meetings and represent the bureau's radio interests with established federal, state, and local technical advisory groups. Manage bureau-wide radio equipment tracking systems, life cycle replacement planning, and equipment replacement budget procedures. Develops national policies and guidance for the BLM related to OSHA and other federal laws and standards. Utilizes the BLM CASHE Audit program to ensure communication site inspections and facility assessments conducted every five years in coordination with WO-360. Leads the development of national training programs concerned with the standardization, control, operation, testing and repair of communications programs. Responsible for reviews and investigation or reports related to safety issues with radio equipment. Works with the National Safety Manager (WO-740) in establishing radio related safety training. Develops safety handbooks and leads risk assessments analysis associated with the National Radio Communications Program. Responsible for radio telecommunication systems security and ensures strong security encryption needs are established.

#### State Director

The State Director is responsible to the Assistant Director of BLM for fire management programs and activities within their state. The State Director will meet the required elements outlined in the Interagency Fire Program Management Qualifications Standards and Guide and ensure training is completed to support delegations to line managers and principal actings.

- 1 District/Field Manager
- 2 The District/Field Manager is responsible to the State Director for the safe and
- 3 efficient implementation of fire management activities within their unit. This
- 4 includes cooperative activities with other agencies or landowners in accordance
- 5 with delegations of authorities. The District/Field Manager and their principal
- 6 acting will meet the required elements outlined in the Management Performance
- 7 Requirements for Fire Operations below.
- 8
- 9
- 10 Management Performance Requirements for Fire Operations

PERFORMANCE REQUIRED	<del>OF&amp;A-FA</del> Directorate	State Director /Associate	District /Resource Area Manager	Field Manager
Ensures that Fire Management Plans (FMP) reflects the agency commitment to firefighter and public safety, while utilizing the full range of fire management activities available for ecosystem sustainability.	X	X	X	X
Develops fire prevention, fire suppression, and fire use standards that are compliant with agency fire policies.	X	X	X	X
Ensures use of fire funds is in compliance with department and agency policies.	X	X	X	X
Ensures that incident responses will be based on current and approved Resource Management Plans (RMP) and FMPs.		X	X	X
Attends the Fire Management Leadership Course. Ensure that personnel delegated fire program responsibilities have completed the Fire Management Leadership Course.			X	X

PERFORMANCE REQUIRED	<del>OF&amp;A-FA</del> Directorate	State Director /Associate	District /Resource Area Manager	Field Manager
Provides a written Delegation of Authority to FMOs that gives them an adequate level of operational authority. If fire management responsibilities are zoned, ensure that all appropriate Agency administrators have signed the delegation.		X	X	X
Ensures that only trained, certified fire and non-fire personnel are available to support fire operations at the local and national level.	X	X	X	X
Ensures that master agreements with cooperators are valid and in compliance with agency policy, and that attached Annual Operating Plans are current.	X	X	X	X
Personally visits at least one wildland and one prescribed fire each year.			X	X
Annually convenes and participates in pre-and post season fire meetings.	X	X	X	X
Reviews critical operations and safety policies and procedures with fire and fire aviation personnel.		X	X	X
Ensures timely follow-up to fire management program reviews.	X	X	X	X
Ensures that fire and fire aviation preparedness reviews are conducted annually in all unit offices. Personally participate in at least one review annually.	X	X	X	X

PERFORMANCE REQUIRED	<del>OF&amp;A-FA</del> Directorate	State Director /Associate	District /Resource Area Manager	Field Manager
Ensures that investigations are conducted for incidents with potential, entrapments, and serious accidents as per <del>agency policy</del> , the standards in Chapter 18.	X	X	X	X
Provides a written delegation of authority, WFSA, and an Agency Administrator Briefing to Incident Management Teams.		X	X	X
Ensures that resource advisors are identified, trained and available for incident assignment. Refer to Resource Advisors Guide for Wildland Fire PMS 313, NFES 1813, Jan 2004.			X	X
Attends post fire closeout on Type 1 and Type 2 fires. (Attendance may be delegated.)		X	X	X
Ensures that a Wildland Fire Implementation Plans (WFIP) are completed, implemented and updated daily for all fires managed as wildland fire use.		X	X	X
Ensures that trespass actions are initiated and documented to recover cost of suppression activities, land rehabilitation, and damages to the resource and improvements for all human-caused fires where liability can be determined, as per "Fire Trespass Handbook" H-9238-1.		X	X	X

PERFORMANCE REQUIRED	OF&A-FA Directorate	State Director /Associate	District /Resource Area Manager	Field Manager
Ensures compliance with National and State Office policy for prescribed fire activities. Provides periodic reviews of the prescribed fire program.	X	X	X	X
Ensures that Prescribed Fire Plans are approved and meet agency policies.		X	X	X
Ensures that the Prescribed Fire Plan has been reviewed and recommended by a qualified technical reviewer who was not involved in the plan preparation.			X	X
Ensures that a policy has been established to review and sign the go-no/go checklist.			X	X
Ensures Unit Safety Program is in place, has a current plan, has an active safety committee, <del>and that</del> includes the fire program.	X	X	X	X
Annually updates and reviews the Agency Administrator's Guide to Critical Incident Management (NFES 1356)	X	X	X	X
Ensure that current fire and weather information is posted and available for all employees.			X	X

1  
 2 State Office  
 3 The State Fire Management Officer (SFMO) provides leadership for their agency  
 4 fire and fire aviation management program. The SFMO is responsible and  
 5 accountable for providing planning, coordination, training, technical guidance,  
 6 and oversight to the state fire management programs. The SFMO also represents  
 7 the State Director on interagency geographic coordination groups and Multi-  
 8 Agency Coordination (MAC) groups. The SFMO provides feedback to  
 9 Districts/Field Offices on performance requirements.

1 District/Field Office

2 The District/Field Office Fire Management Officer (FMO) is responsible and  
3 accountable for providing leadership for fire and fire aviation management  
4 programs at the local level. The FMO determines program requirements to  
5 implement land use decisions through the Fire Management Plan (FMP) to meet  
6 land management objectives. The FMO negotiates interagency agreements and  
7 represents the District/Field Office Manager on local interagency fire and fire  
8 aviation groups.

9  
10 Manager's Oversight

11 Agency administrators are required to personally visit an appropriate number of  
12 fires each year. Appendix A contains information to support the Agency  
13 administrators during these visits.

14  
15  
16  
17  
18 ~~After Action~~ Post Incident Review

19 Appendix B the "Managers Supplement for ~~After Action~~ Post Incident Review"  
20 emphasizes the factors that are critical for ensuring safe and efficient wildland  
21 fire suppression, and provides examples for managers to use in their review of  
22 incident operations and incident commanders.

23  
24 Requirements for fire management positions are outlined in the Interagency Fire  
25 Program Management Qualifications Standards and Guide (IFPM) Standard. The  
26 supplemental Qualification Standard for professional GS-0401 Fire Management  
27 Specialist positions, approved by the Office of Personnel Management, is also  
28 included in the IFPM Standard. The Interagency Fire Program Management  
29 Qualification Standards and Guide can be found in its' entirety on the IFPM  
30 website: <http://www.ifpm.nifc.gov>.

31  
32 Training for Acting Agency Administrators

33 Agency administrators and their actings must complete one of the following  
34 courses within two years of being appointed to a designated management  
35 position.

36 National- Fire Management Leadership

37 Geographic- Local Fire Management Leadership

38  
39 Either class is acceptable but the national course is preferred.

40  
41 Experience requirements for positions in Alaska Fire Service, Oregon and  
42 California (O&C) Districts, NIFC, national office, and other fire management  
43 positions in units and state/regional offices will be established as vacancies occur,  
44 but will be commensurate with the position's scope of responsibilities. The  
45 developmental training to fully achieve competencies should be addressed in an  
46 IDP within a defined time period.

1  
2 Fire Management Staff Performance Requirements for Fire Operations

PERFORMANCE REQUIRED	State FMO	District/Zone FMO	Field Office/Resource Area FMO
Establishes and manages a safe, effective, and efficient fire program.	X	X	X
Ensures that the Fire Management Plan (FMP) reflects the agency commitment to firefighter and public safety, while utilizing the full range of fire management activities available for ecosystem sustainability. (Federal Wildland Fire Management Plan 2001 [FWFMP])	X	X	X
Provides the expertise and skills to fully integrate fire and fire aviation management into interdisciplinary planning efforts.	X	X	X
Ensures that only trained and qualified personnel are assigned to fire and fire aviation duties.	X	X	X
Ensures completion of a Job Hazard Analysis (JHA)/Risk Assessment for fire and fire aviation activities so mitigation measures are taken to reduce risk.		X	X
Ensures compliance with work/rest guidelines during all fire and fire aviation activities.	X	X	X
Ensures that the fire and fire aviation management employees understand their role, responsibilities, authority, and accountability.	X	X	X
Organizes trains, equips, and directs a qualified work force. Establishes and implements performance review process.	X	X	X
Develops, implements, evaluates, and documents fire and fire aviation training to meet current and anticipated needs.	X	X	X
Ensures fire and fire aviation policies are understood, implemented, and coordinated with other agencies as appropriate.	X	X	X

PERFORMANCE REQUIRED	State FMO	District/ Zone FMO	Field Office/ Resource Area FMO
Monitors fire suppression activities to recognize when complexity levels exceed program capabilities. Increases managerial and operational resources to meet the need.	X	X	X
Monitors fire season severity predictions, fire behavior, and fire activity levels. Takes action to ensure safe, efficient, and effective operations.	X	X	X
Ensures that master agreements with cooperators are valid and in compliance with agency policy, and that attached Annual Operating Plans are current.	X	X	X
Develops, maintains and implements current operational plans. (e.g., dispatch, preparedness, prevention).		X	X
Ensures use of fire funds is in compliance with department and agency policies.	X	X	X
Ensures that fire severity funding is requested, used, and documented in accordance with agency standards (Interagency Standards for Fire and Fire Aviation Operations, Chapter <a href="#">910</a> ).	X	X	X
Reviews and approves appropriate overtime authorization requests for personnel providing fire suppression coverage during holidays, special events, and abnormal fire conditions.		X	X
Ensures a process is established to communicate fire info to public, media, and cooperators.	X	X	X
Annually convenes and participates in pre-and post season fire meetings. Specifically address management controls and critical safety issues.	X	X	X
Oversees pre-season preparedness review of fire and fire aviation program.	X	X	X
Initiates, conducts, and/or participates in fire program management reviews and investigations.	X	X	X
Personally participates in periodic site visits to individual incidents and projects.		X	X

PERFORMANCE REQUIRED	State FMO	District/ Zone FMO	Field Office/ Resource Area FMO
Utilizes the Incident Complexity Analysis appendix F & G to ensure the proper level of management is assigned to all incidents.	X	X	X
Ensures that transfer of command occurs as per appendix D on incidents.		X	X
Ensures that incoming personnel and crews are briefed prior to fire and fire aviation assignments.		X	X
Ensures an accurate and defensible Wildland Fire Situation Analysis (WFSA) is completed and updated daily for all fires that escape initial attack.	X	X	X
Ensures that a Wildland Fire Implementation Plan (WFIP) is completed, approved, and certified daily for all fires managed for Wildland Fire Use objectives.	X	X	X
Works with cooperators, groups, and individuals to develop and implement processes and procedures for providing fire safe communities within the wildland urban interface.	X	X	X
Ensures that trespass actions are initiated and documented to recover cost of suppression activities, land rehabilitation, and damages to the resource and improvements for all human-caused fires where liability can be determined, as per H-9238-1.	X	X	X
Ensures training for fire cause determination and fire trespass.	X	X	X
Ensures compliance with National and State Office policy for prescribed fire activities. Provides periodic reviews of the prescribed fire program.	X	X	X
Annually updates and reviews the Agency Administrator's Guide to Critical Incident Management. (NFES 1356)	X	X	X
Ensures that fire season severity predictions, weather forecasts, fire behavior predictors, and fire activity levels are monitored and communicated daily to all employees (hard copy, web page, email, radio, or fax).		X	X

PERFORMANCE REQUIRED	State FMO	District/ Zone FMO	Field Office/ Resource Area FMO
Uses current National and Local Mobilization Guides and ensures that national, geographic and local mobilization standards are followed.	X	X	X
Complies with established property control/management procedures.	X	X	X

- 1  
2 Delegation of Authority  
3  
4 Delegation for State Fire Management Officers  
5 In order to effectively perform their duties, a SFMO must have certain authorities  
6 delegated from the State Director. This delegation is normally placed in the state  
7 office supplement to agency manuals. This delegation of authority should include  
8 the following roles and responsibilities:  
9 Serve as the State Director's authorized representative on geographic area  
10 coordination groups, including MAC groups.  
11 Coordinate and establish priorities on uncommitted fire suppression resources  
12 during periods of shortages.  
13 Coordinate logistics and suppression operations statewide.  
14 Relocate agency pre-suppression/suppression resources within the state/region  
15 based on relative fire potential/activity.  
16 Correct unsafe fire suppression activities.  
17 Direct accelerated, aggressive initial attack when appropriate.  
18 Enter into agreements to provide for the management, fiscal, and operational  
19 functions of combined agency operated facilities.  
20 Suspend prescribed fire activities when warranted.  
21 Give authorization to hire Emergency Firefighters in accordance with the DOI  
22 Pay Plan for Emergency Workers.  
23 Approve emergency fire severity funding expenditures not to exceed the agency's  
24 annual authority.  
25 Appendix C provides a sample "Delegation of Authority".  
26  
27 Safety Officer  
28 Safety and occupational health program responsibilities are interwoven  
29 throughout Bureau program areas, including fire management. Safety of our  
30 employees lies within every level of the organization and program  
31 implementation can have a direct impact on firefighting personnel. To ensure  
32 that program requirements are met, the following checklist shall be utilized.  
33  
34 Safety Responsibilities to the Fire Program

PERFORMANCE REQUIRED	State Safety Manager	District/Zone Safety Manager	Unit Fire Management Officer	Field/Resource Area Manager
A Unit Safety Plan, addressing general safety and health program management, has been approved by the Agency Administrator.		X	X	X
A work place hazard/risk assessment has been completed for non suppression related fire activities.		X		
An individual has been designated as the Unit Safety Officer.	X			X
Maintains a working relationship with all facets of the fire organization including outstations.		X	X	
A safety committee or group which includes fire representation is organized to monitor safety and health concerns and activities.		X	X	X
Written safety and health programs required by OSHA are in place and being implemented to include fire personnel.	X	X		
Employees are being provided mandatory safety and health training.		X	X	<del>X</del>
Fire safety programs (e.g., SAFENET, 6 Minutes for Safety, Safety Alerts) are known and being utilized.			X	
Safety publications are available to all fire employees (e.g., Incident Response Pocket Guide, 1112-2 Manual, Fireline Handbook 410-1).			X	

PERFORMANCE REQUIRED	State Safety Manager	District/Zone Safety Manager	Unit Fire Management Officer	Field/Resource Area Manager
Procedures are in place to ensure Interagency Standards for Fire and Fire Aviation Operations is being followed.			X	
Procedures are in place to monitor WCT results and ensure medical examination policies are followed.			X	
Material Safety Data Sheets (MSDS) are present, accessible, and available for all hazardous materials used and stored in the work area.		X	X	
Special projects risk assessments are completed and crew briefings are given prior to beginning work.		X	X	
Procedures are in place to purchase non-standard equipment as identified in the JHA/Risk Assessment process, and to ensure compliance with consensus standards (e.g., ANSI, NIOSH) for PPE.	X	X		X
PPE <del>is being</del> supplied, <u>is</u> serviceable, and being utilized.		X	X	
Ensures tailgate safety meetings are held and documented.			X	
Monitors and reviews wildland fire activities to ensure adherence to agency safety policy.		X	X	
Procedures are in place for reporting unsafe and unhealthful working conditions.		X		X

PERFORMANCE REQUIRED	State Safety Manager	District/Zone Safety Manager	Unit Fire Management Officer	Field/Resource Area Manager
Accident reporting procedures are documented and supervisors are trained in the use of Safety Management Information System (SMIS).	X	X		X
Injury data is monitored and reviewed to determine trends affecting the health and welfare of employees.	X	X		
General facility and work areas inspections are conducted to ensure requirements are met per 29 CFR 1910.	X	X		

- 1
- 2 Employee Responsibility
- 3 All employees, cooperators, contractors, and volunteers who participate in
- 4 wildland fire operations have the duty to treat one another with respect and to
- 5 maintain a work environment free of misconduct and harassment.
- 6
- 7 Misconduct includes but is not limited to: alcohol misuse, driving while
- 8 intoxicated, the use of illegal drugs, hazing, insubordination, disregard for
- 9 policies and procedures and the destruction or theft of government property.
- 10
- 11 Harassment is coercive or repeated, unsolicited and unwelcome verbal
- 12 comments, gestures or physical contacts and includes retaliation for confronting
- 13 or reporting harassment.
- 14
- 15 Harassment and misconduct will not be tolerated under any circumstances and
- 16 will be dealt with in the strictest of terms. We must all take responsibility for
- 17 creating and ensuring a healthy and safe work environment. Employees who
- 18 experience or witness harassment, misconduct or any inappropriate activity
- 19 should report it to the proper authority immediately.
- 20
- 21 Examples of harassment and misconduct
- 22 Physical conduct - Unwelcome touching, standing too close, looking up and
- 23 down, inappropriate or threatening staring or glaring, obscene, threatening, or
- 24 offensive gestures.
- 25 Verbal or written misconduct - Inappropriate references to body parts; derogatory
- 26 or demeaning comments, jokes, or personal questions; sexual innuendoes;
- 27 offensive remarks about race, gender, religion, age, ethnicity, or sexual

- 1 orientation, obscene letters or telephone calls, catcalls, whistles or sexually  
2 suggestive sounds.
- 3 Visual or symbolic misconduct - Display of nude pictures, scantily-clad, or  
4 offensively-clad people; display of offensive, threatening, demeaning, or  
5 derogatory symbols, drawings, cartoons, or other graphics; offensive clothing or  
6 beverage containers, bumper stickers, or other articles.
- 7 Hazing - Hazing is considered a form of harassment. "Hazing" is defined as "any  
8 action taken, or situation created intentionally, to produce mental or physical  
9 discomfort, embarrassment, or ridicule".
- 10 Alcohol - The use of alcohol during any work period is strictly prohibited. The  
11 performance of job duties while under the influence of alcohol is prohibited.
- 12 Underage personnel alcohol use is prohibited at all times.

### 13 14 BLM Mobile Fire Equipment Policy

#### 15 16 Introduction

17 The following section represents a general overview of the BLM Mobile Fire  
18 Equipment Policy. The policy can be found in it's entirety on the BLM  
19 Equipment Development Website at:  
20 <http://web.blm.gov/internal/fire/EquipDev/index.htm>

#### 21 22 Policy and Guidance

23 The BLM fire equipment program includes the design, development, and  
24 acquisition of specialized wildland fire equipment suitable to meet the full range  
25 of fire management requirements. The design and development is accomplished  
26 through the analysis of performance needs required by BLM Field Units, and  
27 working with industry to produce prototypes for testing and eventually  
28 production units. Acquisition of equipment is accomplished primarily through  
29 contracting. The BLM fire equipment program balances state-of-the-art  
30 technology with overall cost efficiency to provide maximum safety for personnel  
31 while effectively meeting its fire management needs.

32  
33 It is agency policy to maintain each piece of fire equipment at a high level of  
34 performance and in a condition consistent with the work it has been designed to  
35 perform. This shall be accomplished through application of a uniform preventive  
36 maintenance program, timely repair of components broken or damaged while on  
37 assignment, and in accordance with all agency fiscal requirements. Repairs shall  
38 be made and parts replaced, as identified, to keep the equipment functional and in  
39 top operating condition.

40  
41 BLM mobile fire equipment is not to be altered or modified without approval of  
42 the BLM National Fire Equipment Committee.

#### 43 44 Equipment Groups

45 There are three levels of Fire Equipment Committees: National, State, and  
46 Interagency. Fire equipment Committees address the broad spectrum of

equipment subjects and make recommendations. State Committees will report to the respective State Fire Management Officer. The National Fire Equipment Committee (NFEC) will report to the Fire Operations Group (FOG). Equipment committees should invite other agency equipment leads to share ideas, transfer technology and coordinate efforts.

#### Equipment Development

The BLM has established a fire equipment development process to ensure that any new fire equipment or technologies meet or exceed established performance standards. All new fire equipment will follow this development process and will be tested and evaluated under actual field conditions prior to being made available for general ordering.

#### BLM Equipment Development Unit

The BLM maintains the Fire Equipment Development Unit (EDU) located at NIFC. This unit is responsible for the development, ordering, inspection, receiving and distribution of new fire equipment that will meet or exceed the minimum performance standards established by the BLM National Fire Equipment Committee. The EDU website is located at: <http://web.blm.gov/internal/fire/EquipDev/index.htm>.

#### Standardization

Standardization of fire equipment aides in the ability to produce equipment that effectively meets the user's needs at the lowest possible cost with the least impact on fire programs. Standardization also contributes to the ability to provide effective, consistent and quality training to the BLM Fire Program workforce. The BLM National Fire Equipment Committee has the responsibility to approve and establish the minimum performance standards for all BLM specific fire equipment.

#### Deficiency Reporting

The BLM Fire Equipment Improvement/Deficiency Reporting System (IDRS) is used to collect improvement suggestions and deficiency reports for all BLM fire equipment. The reporting system enables the BLM Equipment Development Unit (EDU) to build a comprehensive database to document problems, identify trends, and establish priorities for development and modification of new and existing equipment.

Field Offices submit reports for problems encountered with BLM fire equipment. Reports may also be submitted for suggestions of improvement. Submitted reports receive immediate attention and the sender receives verification of receipt. The EDU will follow-up with the submitting Field Office to correct the deficiency or work to incorporate the improvement suggestion.

1 IDRS can be found under “Improvement/Deficiency Report” on the BLM  
2 Equipment Development Website at:  
3 <http://web.blm.gov/internal/fire/EquipDev/index.htm>.

#### 4 Acquisition

5 The Working Capital Fund (WCF) life cycle for each class of vehicle and  
6 available funds in the WCF will determine when fire vehicles are to be replaced.  
7 Fire equipment acquisition is done by submitting an order to the EDU. The EDU  
8 will work with the ordering Unit, the WCF, Contracting, the vendor and other  
9 pertinent parties to fill the order.

#### 11 Funding

12 Procurement of nonstandard equipment with fire management funds, when  
13 standard equipment is available, must have written approval by the Operations  
14 Division Chief of the BLM Fire and Aviation Directorate and the State Fire  
15 Management Officer. Most fire vehicles are funded through the WCF. Other  
16 types of fire equipment are funded through the normal budget process at the State  
17 and local level. Special projects may be funded in a variety of ways including  
18 through the Fire and Aviation Directorate, special project allocations, available  
19 mid or year end funds, State or local funding, Interagency agreement, or through  
20 the WCF.

#### 22 BLM Fire Equipment Ordering Guide

23 The BLM Fire Equipment Ordering Guide lists standard fire equipment, outside  
24 the cache system, that is available for ordering by BLM units. This equipment  
25 has been approved by the EDU, NFEC and WCF as the current standard. The  
26 guide contains current model fire apparatus, support vehicles, and equipment.  
27 The guide can be found on the Equipment Development website at:  
28 <http://web.blm.gov/internal/fire/EquipDev/index.htm>

#### 30 Equipment Modification/Retrofitting

31 Any major retrofit, change or addition to BLM fire equipment requires  
32 submission of a proposal to the BLM National Fire Equipment Committee  
33 (NFEC). The NFEC in conjunction with the BLM Equipment Development Unit  
34 will consider and approve/disapprove any such proposals. Minor changes or add-  
35 ons may be approved through the EDU.

#### 37 Working Capital Fund

38 The BLM Working Capital Fund (WCF) is managed by the BLM Vehicle Fleet  
39 Manager at the Denver Service Center. Replacement of fire vehicles that have  
40 reached the end of their service life and certain maintenance expenditures are  
41 managed through the WCF. Vehicle replacement and maintenance is  
42 accomplished with funds that are paid into the WCF over the life of the vehicle.  
43 The WCF collects funds through Fixed Ownership Rates (FOR) and Use Rates.

#### 45 Property Transfer/Replacement

46 **Release Date: January 20072008**

1 Surplus, early turn-ins, and transfer fire vehicles may be transferred to another  
2 area for continued service with the approval of the State Fire Management  
3 Officer and the WCF Manager. In these instances, the vehicle remains in the  
4 same class, and the FOR and use rates will continue to be charged to the unit  
5 acquiring the vehicle. Field Offices wishing to dispose of fire engine equipment  
6 prior to the normal replacement date may do so. In these instances, no future  
7 replacement is automatically provided and there is no accrued credit for the FOR  
8 collected on that unit prior to disposal. Field offices acquiring this type of  
9 equipment continue payment of the FOR and use rates.

#### 10 Conversions

11 Offices in possession of fire engine equipment due for replacement have the  
12 option of replacing that equipment with vehicle(s) of another class. The change  
13 in NUS must be consistent with the approved FMP (conversion of two light  
14 engines to one heavy engine). The Operations Division Chief of the BLM Fire  
15 and Aviation Directorate, State Fire Management Officer and WCF Manager  
16 must provide written approval. Sufficient contributions through the FOR or other  
17 funds to make up any difference in cost are required.

#### 18 BLM Firefighter Organization

##### 19 Introduction

20 Firefighters operate within the Incident Command System (ICS), which is a  
21 component of the National Interagency Incident Management System (NIIMS).  
22 In the ICS, firefighters are either assigned as single resource overhead  
23 (individuals assigned to specific supervisory positions) or as members of an  
24 organized unit. These units include:

25 Hand Crews - Vehicle mobile firefighters that specialize in the use of hand tools,  
26 chainsaws, portable pumps and ignition devices for tactical operations. Hand  
27 crew types include Interagency Hotshot Crews (IHCs), Type 1 Crews, Type 2  
28 Initial Attack Crews, and Type 2 Crews.

29 Engine Crews - Engine mobile firefighters that specialize in the use of engines  
30 for tactical operations.

31 Helitack - Helicopter mobile firefighters that specialize in the use of helicopters  
32 for tactical and logistical operations.

33 Smokeyjumpers - Fixed wing aircraft and parachute mobile firefighters that  
34 specialize in the use hand tools, chainsaws, and ignition devices for tactical  
35 operations.

36 The individuals within these units are trained to provide different levels and types  
37 of tactical, logistical, and managerial capability. Operational standards are:

##### 38 BLM Firefighter Priority for Use

39 Initial attack on lands for which the BLM has suppression responsibility.

40 Other fire suppression/management assignments on BLM lands.

41 Other fire suppression/management assignments on other agency lands.

1 [All risk incidents.](#)

2  
3 [BLM Firefighter General Non-Fire Training Requirements](#)

	<a href="#">One-Time Training</a>	<a href="#">Recurring Training</a>	<a href="#">Annual Training</a>
<a href="#">All Firefighters</a>	<a href="#">First Responder Awareness Level (Hazardous Materials) Bloodborne Pathogen</a>	<a href="#">First Aid/CPR (every 2 years) Defensive Driving (every 3 years)</a>	<a href="#">RT-130 Annual Fireline Safety Training Do What’s Right/EEO HazMat Refresher</a>

4  
5 [BLM Firefighter Mandatory Physical Fitness Standards](#)

6 [The Wildland Fire Qualifications System Guide \(PMS 310-1\) establishes physical fitness standards for NWCG sanctioned firefighters. These standards are assessed using the Work Capacity Tests \(WCT\). Information on the WCT is located in Chapter 13 of this publication.](#)

7  
8  
9  
10  
11 [BLM Firefighter Target Physical Fitness Standards](#)

12 [These are voluntary targets. They are not mandatory. These targets are established to provide BLM firefighters a common standard against which to gauge their physical fitness level. BLM firefighters are encouraged to try to meet or exceed these standards.](#)

16  
17  
18  
19  
20  
21

	<a href="#">Age 20-29</a>	<a href="#">Age 30-39</a>	<a href="#">Age 40-49</a>	<a href="#">Age 50 &amp; Up</a>
<a href="#">1.5 Mile Run</a>	<a href="#">11:58</a>	<a href="#">12:25</a>	<a href="#">13:05</a>	<a href="#">14:43</a>
<a href="#">Sit-Ups (1 minute)</a>	<a href="#">40</a>	<a href="#">36</a>	<a href="#">31</a>	<a href="#">26</a>
<a href="#">Push-Ups (1 minute)</a>	<a href="#">33</a>	<a href="#">27</a>	<a href="#">21</a>	<a href="#">15</a>

22  
23 [The guide below may be used to adjust the 1.5 mile run times to compensate for altitude differences:](#)

24

<a href="#">Altitude in feet</a>	<a href="#">1.5 mile run time adjustment</a>
<a href="#">0 – 5,000</a>	<a href="#">No adjustment</a>
<a href="#">5,000 – 6,000</a>	<a href="#">Add 30 seconds</a>
<a href="#">6,000 – 7,000</a>	<a href="#">Add 40 seconds</a>
<a href="#">7,000 – 8,000</a>	<a href="#">Add 50 seconds</a>

25  
26 [BLM Hand Crew Standards \(all crew types\)](#)

**Release Date: January 20072008**

Language - CRWB and FFT1: must be able to read and interpret the language of the crew as well as English.

Flight Weight - 5100 pounds

Personal gear - Sufficient for 14 day assignments

Physical fitness - Arduous, all positions

Required Equipment & PPE - Fully equipped as specified in the: Interagency Standards for Fire and Fire Aviation Operations (Red Book)

BLM Crew Typing Standards

<u>Crew Type</u>	<u>IHC</u>	<u>Type 1</u>	<u>Type 2IA</u>	<u>Type 2</u>
<u>Crew Size</u>	<u>Minimum 18 Maximum 25</u>	<u>Minimum 18 Maximum 20</u>	<u>Minimum 18 Maximum 20</u>	<u>Minimum 18 Maximum 20</u>
<u>Leadership Qualifications</u>	<u>1-Supt. 1-Assist Supt 3 Squad Leaders See quals chart below</u>	<u>1-CRWB 1-ICT4 3-ICT5</u>	<u>1 CRWB 3 ICT5</u>	<u>1 CRWB 3 FFT1</u>
<u>Incident Management Capability</u>	<u>Operate up to 3 independent squads w/ T4 and T5 command capability</u>	<u>Operate up to 3 independent squads w/ T5 command capability</u>	<u>Operate up to 3 independent squads with T5 command capability</u>	<u>Operate as single crew in full crew configuration</u>
<u>Crew Experience</u>	<u>80% of the crewmembers must have at least 1 season experience in fire suppression</u>	<u>80% of the crewmembers must have at least 1 season experience in fire suppression</u>	<u>60% of the crewmembers must have at least 1 season experience in fire suppression</u>	<u>40% of the crewmembers must have at least 1 season experience in fire suppression</u>
<u>Crew Utilization</u>	<u>National Shared Resource</u>	<u>Local unit control</u>	<u>Local unit control</u>	<u>Local unit control</u>
<u>Communication</u>	<u>7 programmable handheld radios, 1programmable mobile radio in each truck</u>	<u>5 programmable handheld radios</u>	<u>4 programmable handheld radios</u>	<u>4 programmable handheld radios</u>
<u>Training</u>	<u>40 hours annual training prior to</u>	<u>40 hours Basic firefighter</u>	<u>40 hours Basic firefighter</u>	<u>40 hours Basic firefighter</u>

	<u>assignment.</u>	<u>training OR 4 hours annual fireline fresher training prior to assignment.</u>	<u>training OR 4 hours annual fireline fresher training prior to assignment.</u>	<u>training OR 4 hours annual fireline fresher training prior to assignment.</u>
<u>Logistics</u>	<u>Squad level agency purchasing authority</u>	<u>Crew level agency purchasing authority</u>	<u>Crew level agency purchasing authority</u>	<u>No purchasing authority</u>
<u>Transportation</u>	<u>Own transportation</u>	<u>Own transportation</u>	<u>Need transportation</u>	<u>Need transportation</u>
<u>Works together 40 hours/week</u>	<u>Yes</u>	<u>Yes</u>	<u>No</u>	<u>No</u>

1  
 2 BLM Interagency Hotshot Crews  
 3 BLM IHCs, and IHC (IA), carry 18-25 firefighters and are used primarily for  
 4 wildfire suppression, fuels reduction, and other fire management duties. They are  
 5 capable of performing self-contained initial attack suppression operations, and  
 6 commonly provide incident management capability at the Type 3 or 4 level.  
 7 BLM IHCs, and IHC (IA), meet all IHC certification standards stated in the  
 8 National Hotshot Crew Operating Guide.

9  
 10 BLM Interagency Hotshot Crews (Initial Attack)  
 11 BLM IHC (IA) are BLM Hotshot Crews which meet all interagency standards for  
 12 an IHC program and have enhanced IA capabilities and responsibilities for BLM  
 13 lands. The focus of these crews will be IA on BLM lands and their utilization  
 14 will be through the national Fire Aviation Directorate (Division of Fire  
 15 Operations). Initial attack fire suppression will be prioritized for these crews  
 16 above all other duties, with the exception of life and property protection. These  
 17 crews will maintain their suppression proficiency by being utilized for the full  
 18 range of incident assignments through the coordination system. However they  
 19 will be reassigned and dedicated to BLM initial attack fire suppression  
 20 assignments as determined by agency needs.

21  
 22 BLM IHC Locations

<u>State</u>	<u>Crew</u>	<u>Location</u>
<u>AK</u>	<u>Chena</u>	<u>Fairbanks</u>
	<u>Midnight Sun</u>	
<u>CA</u>	<u>Diamond Mountain</u>	<u>Susanville</u>
	<u>Kern Valley</u>	<u>Bakersfield</u>
<u>ID</u>	<u>Snake River</u>	<u>Pocatello</u>

<u>MS</u>	<u>Jackson</u>	<u>Jackson</u>
<u>NV</u>	<u>Silver State</u>	<u>Carson City</u>
<u>OR</u>	<u>Vale</u>	<u>Vale</u>

BLM IHC (IA) Locations

<u>State</u>	<u>Crew</u>	<u>Location</u>
<u>CO</u>	<u>Craig</u>	<u>Craig</u>
<u>NV</u>	<u>Ruby Mountain</u>	<u>Elko</u>
<u>UT</u>	<u>Bonneville</u>	<u>Salt Lake City</u>

BLM IHC Training and Qualification Requirements

<u>Position</u>	<u>IQCS Min.</u>	<u>Fire Training</u>
<u>Crewmember</u>	<u>FFT2</u>	<u>I-100 Intro to ICS</u> <u>S-130 Firefighter Training</u> <u>L-180 Human Factors on the Fireline</u> <u>S-190 Intro to Wildland Fire Behavior</u>
<u>Lead Crewmember</u>	<u>FFT1</u> <u>ICT5</u>	<u>All the above plus:</u> <u>S-211 Portable Pumps and Water Use</u> <u>S-212 Chain Saws</u> <u>S-131 Firefighter Type 1</u> <u>S-270 Basic Air Operations</u>
<u>Squad Leader</u>	<u>FFT1</u> <u>ICT5</u>	<u>All the above plus:</u> <u>S-200 Initial Attack IC</u> <u>S-215 Fire Ops in the WUI</u> <u>S-230 Crew Boss Single Resource</u> <u>S-234 Ignition Operations</u> <u>S-260 Incident Business Management</u> <u>S-290 Intermediate Fire Behavior</u> <u>I-200 Basic ICS</u>
<u>Assistant Superintendent</u>	<u>STCR</u> <u>ICT4</u>	<u>All the above plus:</u> <u>I-300 Intermediate ICS</u> <u>S-330 Task Force/Strike Team Leader</u> <u>S-390 Intro to Fire Behavior Calculations</u> <u>L-280 or equivalent</u>
<u>Superintendent</u>	<u>TFLD</u> <u>ICT4</u> <u>FIRB</u>	<u>All the above.</u>

1  
2  
3 BLM IHC Initial Ordering  
4 BLM IHC will status themselves with their local dispatch center in accordance  
5 with local policies and procedures.  
6 BLM IHC will be assigned by their dispatching GACCs in accordance with  
7 geographic area policies and procedures.  
8 BLM IHC have the local unit option of traveling with 25 personnel when on  
9 incident assignments. BLM IHC superintendents will obtain prior approval from  
10 the dispatching GACC when the assignment requires fixed wing transport and the  
11 crew size is greater than 20.  
12  
13 BLM IHC Pre-position/Reassignment  
14 The FA Division of Fire Operations will pre-position/reassign BLM IHCs to  
15 meet BLM national priorities according to the following procedure:  
16 BLM IHCs will be statused and assigned according to established coordination  
17 system procedures.  
18 The FA Division of Fire Operations will track BLM IHC status.  
19 FA fire Ops, in consultation with the State Fire Operations Specialist of the BLM  
20 IHC in question, will provide the Chief, Division of Fire Operations, a  
21 recommendation for pre-position/reassignment.  
22 The Chief, Division of Fire Operations will make the final decision based on  
23 current and predicted fire activity and national BLM priorities.  
24 FA fire ops will relay the Division Chief's decision to NICC and follow up with  
25 an immediate call to the state fire operations specialist.  
26 NICC will process that order through normal channels in such a manner as to  
27 have the crew reassigned within 3 hours of NICC receiving the order.  
28 BLM IHC crews which are committed to incidents that have extended  
29 containment dates, are in mop-up/rehab, or are staging crews will be prioritized  
30 for pre-position/reassignment.  
31  
32 Local Unit Process for Requesting BLM IHC support  
33 BLM units needing IHC support for current and predicted IA will submit an oral  
34 request to their State Fire Operations Specialist.  
35 The State Fire Operations Specialist will forward approved requests to FA  
36 Division of Fire Operations.  
37 FA fire ops will determine BLM IHC availability and submit a pre-  
38 position/reassignment recommendation to the Chief, Division of Fire Operations,  
39 as per the above procedure.  
40  
41 BLM IHC Status Reporting System  
42 BLM IHCs will report status through the BLM IHC Status Reporting System.  
43 BLM IHC superintendents will regularly update the system by contacting the  
44 BOI SMJ Duty Officer with any change in crew status and/or current utilization  
45 when on assignment.  
46 The BOI SMJ duty officer is available 24 hours, seven days per week at

800-925-8307 (work hours)

208-387-5426 (work hours)

208-850-5144 (after hours)

BLM IHC status will be posted at <http://www.nifc.gov/smokejumper/smjrppt.php>

#### BLM Engines

BLM engines carry 2-6 firefighters and are used primarily for wildfire suppression, fuels reduction, and other fire management duties. They are capable of performing self-contained initial attack suppression operations, and can generally provide single resource incident management capability up to the Type 4 level.

#### Fire Engine Maintenance Procedure and Record (FEMPR)

The FEMPR will be used to document periodic maintenance on all engines. Apparatus safety and operational inspections will be performed at the intervals recommended by the manufacturer and on a daily and post-fire basis as required. All annual inspections will include a pump gpm test to ensure the pump/plumbing system is operating at desired specifications. The FEMPR can be found at:

[http://www.blm.gov/nifc/st/en/prog/fire/training/fire\\_training/projects/enop.html](http://www.blm.gov/nifc/st/en/prog/fire/training/fire_training/projects/enop.html)

#### BLM Engine Typing

BLM engines are typed according to the following interagency standards stated in the NWCG Fireline Handbook (PMS 410-1):

<u>Components</u>	<u>Structure Engines</u>		<u>Wildland Engines</u>				
	<u>1</u>	<u>2</u>	<u>3</u>	<u>4</u>	<u>5</u>	<u>6</u>	<u>7</u>
<u>Pump Rating</u>							
<u>Min. Flow (GPM)</u>	<u>1000+</u>	<u>250+</u>	<u>150</u>	<u>50</u>	<u>50</u>	<u>30</u>	<u>10</u>
<u>At rated pressure (PSI)</u>	<u>150</u>	<u>150</u>	<u>250</u>	<u>100</u>	<u>100</u>	<u>100</u>	<u>100</u>
<u>Tank Capacity Range (Gallons)</u>	<u>400+</u>	<u>400+</u>	<u>500+</u>	<u>750+</u>	<u>400-750</u>	<u>150-400</u>	<u>50-200</u>
<u>Hose, 2.5" (feet)</u>	<u>1200</u>	<u>1000</u>					
<u>Hose, 1.5" (feet)</u>	<u>400</u>	<u>500</u>	<u>500</u>	<u>300</u>	<u>300</u>	<u>300</u>	
<u>Hose, 1" (feet)</u>			<u>500</u>	<u>300</u>	<u>300</u>	<u>300</u>	<u>200</u>
<u>Ladders</u>	<u>48'</u>	<u>48'</u>					
<u>Master Stream (GPM)</u>	<u>500</u>						

<u>Personnel (Minimum)</u>	<u>4</u>	<u>3</u>	<u>3</u>	<u>2</u>	<u>2</u>	<u>2</u>	<u>2</u>
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1 BLM Engine Minimum Staffing Requirements

2 All BLM engines will meet these staffing standards on every assignment. BLM  
 3 engines operating with more than 3 firefighters will always have a fully qualified  
 4 ENOP (other than the captain). Chase vehicles are considered part of the engine  
 5 staffing.

<u>BLM WCF Vehicle Class</u>	<u>NWCG Type Class</u>	<u>Engine Captain</u>	<u>Engine Operator</u>	<u>Engine Crewmember</u>
<u>625 Unimog</u>	<u>4</u>	<u>1</u>	<u>1</u>	<u>1</u>
<u>626 Unimog</u>	<u>4</u>	<u>1</u>	<u>1</u>	<u>1</u>
<u>650 Hummer</u>	<u>6</u>	<u>1</u>		<u>1</u>
<u>662 Light</u>	<u>6</u>	<u>1</u>		<u>1</u>
<u>663 Light</u>	<u>6</u>	<u>1</u>		<u>1</u>
<u>664 Enhanced Light</u>	<u>6</u>	<u>1</u>		<u>1</u>
<u>665 Interface</u>	<u>3</u>	<u>1</u>		<u>2</u>
<u>667 Heavy Engine</u>	<u>4</u>	<u>1</u>		<u>2</u>
<u>668 Super-heavy Tactical Engine</u>	<u>4</u>	<u>1</u>	<u>1</u>	<u>1</u>
<u>668 Super-heavy Tactical Tender</u>	<u>2 (Tender)</u>	<u>1</u>		<u>1</u>

7 BLM Engine - Fire Training and Qualification Standards

<u>Position</u>	<u>IQCS</u>	<u>Training</u>
<u>Crewmember</u>	<u>FFT2</u>	<u>I-100 Intro to ICS</u> <u>S-130 Firefighter Training</u> <u>L-180 Human Factors on the Fireline</u> <u>S-190 Intro to Wildland Fire Behavior</u>
<u>Engine Operator</u>	<u>FFT1</u> <u>ENOP</u>	<u>All the above plus:</u> <u>BLM Engine Operator Course (ENOP)</u> <u>S-131 Firefighter Type 1</u> <u>S-133 Look Up/Down/Around</u> <u>S-211 Pumps and Water Use</u> <u>S-212 Wildfire Power Saws</u> <u>L-280 Followership to Leadership</u>
<u>Engine Captain</u>	<u>ENGB</u> <u>ICT5</u>	<u>All the above plus:</u> <u>I-200 Basic ICS</u> <u>S-200 Initial Attack Incident Commander</u> <u>S-215 Fire Ops in the Wildland/Urban Interface</u> <u>S-230 Crew Boss (Single Resource)</u> <u>S-231 Engine Boss (Single Resource)</u> <u>S-234 Ignition Operations</u> <u>S-260 Incident Business Management</u>

		<a href="#">S-270 Basic Air Operations</a> <a href="#">S-290 Intermediate Fire Behavior</a>
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BLM Engine - Driver Training and Qualification Requirements

<u>Position</u>	<u>Initial Training</u>	<u>Refresher Training</u>
<u>Crewmember</u>	<u>BLM Engine Driver Orientation and Defensive Driving</u>	<u>BLM Engine Driver Orientation* (annual) and Defensive Driving (every 3 years)</u>
<u>Engine Operator and Engine Captain</u>	<u>BLM (ENOP) Engine Operator Course and CDL Permit (GVW 26,000 or greater) and Defensive Driving</u>	<u>BLM Engine Driver Refresher (annual) and Defensive Driving (every 3 years)</u>
<u>WCF class 650 and 668 drivers</u>	<u>WCF class 650 and 668 driver and maintenance training **</u>	

\* S-216 Driving for the Fire Service or the BLM Engine Operator Course will satisfy this refresher training requirement.

\*\* WCF class 650 and 668 driver and maintenance training will be conducted by the FAD Division of Fire Operations Equipment Development Unit annually. Travel, per-diem, vehicle operating charges and fuel costs directly related to this training will be covered by the EDU; base 8 salary and overtime costs will be covered by the students' home unit.

BLM engine training courses can be found at: [http://www.blm.gov/nifc/st/en/prog/fire/training/fire\\_training.html](http://www.blm.gov/nifc/st/en/prog/fire/training/fire_training.html)

All hands-on components of engine driver training courses will be conducted on the specific vehicle or vehicle type that the driver will be using.

BLM Engine Ordering

BLM engines will status themselves with their local dispatch center in accordance with local policy and procedure.

Availability of BLM engines for off unit assignments rests with the local unit fire management.

BLM units needing engines from off their own unit for support will contact their state operations with a request.

State operations will contact the FA or other BLM state office operations with the request.

1 Equivalent courses that satisfy driver training requirements, such as the National  
2 Safety Council sanctioned Emergency Vehicle Operator Course (EVOC), will be  
3 approved in writing by FAD Fire Operations on a case-by-case basis.

#### 4 BLM Smokejumpers

5 BLM Smokejumpers operate in teams of 2-8 firefighters and are used primarily  
6 for wildfire suppression, fuels reduction, and other fire management duties. They  
7 are capable of performing self-contained initial attack suppression operations,  
8 and commonly provide single resource incident management capability at the  
9 Type 3 level. The primary locations of the BLM smokejumper bases are Boise,  
10 Idaho and Fairbanks, Alaska.

#### 11 BLM SMJ Operations

12 BLM smokejumper operational and administrative procedures are located in the  
13 Interagency Smokejumper Operations Guide (ISOG), the BLM Ram-Air  
14 Training Manual (RATM), the Boise Smokejumpers User Guide, the Alaska Fire  
15 Service Operational Procedures, Policies, and Guidelines, and other pertinent  
16 agreements and operating plans.

#### 17 BLM SMJ Coordination & Dispatch

18 Smokejumpers are a national shared resource and are ordered according to  
19 geographic area or national mobilization guides. Specific information on the  
20 coordination, dispatch, ordering, and use of BLM smokejumpers can be found in  
21 the BLM Boise Smokejumpers User Guide, and in the Alaska Fire Service  
22 Operational Procedures, Policies, and Guidelines. Contact BLM smokejumpers  
23 in Boise at (208) 387-5426 or in Alaska at (907) 356-5540 for these publications.

#### 24 BLM SMJ Equipment

25 BLM smokejumpers use aircraft approved by the interagency Smokejumper  
26 Aircraft Screening and Evaluation Board (SASEB). All aviation operations will  
27 be performed according to established agency policies and procedures.

28 BLM smokejumpers use the Smokejumper Ram-Air Parachute System  
29 exclusively. All abnormalities in personnel parachute equipment and procedures  
30 will be reported through the Malfunction and Abnormality Reporting System  
31 (MARS). All parachuting operations will be performed according to established  
32 agency policies and procedures. All modifications to and deviations from  
33 established standards will be reported, documented, and approved through the  
34 BLM SMJ Modification Documentation (MODOC) process.

#### 35 BLM SMJ Training

36 To ensure proficiency and safety, smokejumpers complete annual training in  
37 aviation, parachuting, fire suppression, administration, and safety. Experienced  
38 jumpers receive annual refresher training in these areas. First year smokejumpers  
39 undergo a rigorous four week long smokejumper training program. Candidates  
40 are evaluated to determine:

Level of physical fitnessAbility to learn and perform smokejumper skillsAbility to work as a team memberAttitudeAbility to think clearly and remain productive in a stressful environmentBLM Smokejumper Training and Qualification Standards

<u>Position</u>	<u>IOCS Target</u>	<u>SMJ Trng. Target</u>
<u>Dept Managers</u>	<u>T1 and T2 C&amp;G, FUMA</u>	
<u>Spotter</u>	<u>ICT3, DIVS, ATGS RXB2, SOFR</u>	<u>Senior Rigger</u>
<u>Lead Smokejumper</u>	<u>STLD, TFLD FOBS</u>	
<u>Smokejumper</u>	<u>ICT4, CRWB, FIRB</u>	
<u>Rookie Smokejumper</u>	<u>ICT5, FFT1 FEMO</u>	

BLM Smokejumper Physical Fitness Standards

<u>National SMJ Standard</u>	<u>BLM SMJ Target Standard</u>
<u>1.5 mile run in 11:00 minutes or less</u>	<u>1.5 mile run in 9:30 or less, or 3 mile run in 22:30 minutes or less</u>
<u>45 sit-ups</u>	<u>60 sit-ups</u>
<u>25 push-ups</u>	<u>35 push-ups</u>
<u>7 pull-ups</u>	<u>10 pull-ups</u>
<u>110 lb pack-out over 3 miles over level terrain in 90 minutes or less</u>	<u>110 lb pack-out over 3 miles over level terrain in 90 minutes or less</u>
<u>Successful completion of the WCT at an arduous rating</u>	<u>Successful completion of the WCT at an arduous rating</u>

BLM Operational Duty Officer (ODO)

Each BLM unit Fire Management Officer will perform the duties of an ODO or will provide a delegated ODO for their units during any period of predicted incident activities. ODOs responsibilities may be performed by any individual with a signed Delegation of Authority from the local agency administrator. Qualifications for the ODO will be identified within the Unit Annual Operating Plan. The required duties for all BLM ODOs are:

- Monitor unit incident activities for compliance with BLM safety policies.
- Coordinate and set priorities for unit suppression actions and resource allocation.
- Keep unit agency administrators, suppression resources, and Information Officers informed of the current and expected situation.
- Plan for and implement actions required for future needs.
- Document all decisions and actions.

- 1 ODOs will provide operational oversight of these requirements as well as any
- 2 unit specific duties assigned by the local fire managers through the local unit fire
- 3 operating plan. ODOs will not fill any ICS incident command functions
- 4 connected to any incident. In the event that the ODO is required to accept an
- 5 incident assignment, the FMO will ensure that another qualified and authorized
- 6 ODO is in place prior to the departure of the outgoing ODO.