**Local Dispatch Center (2023)**

**Checklist #9**

| **Location:** |       |
| --- | --- |
| **Date:**MM/DD/YY |       |
| **Respondent:**First, Last |       |
| **Reviewed by:**First, Last |       |

**For the National Preparedness Review, you will need to have the following items available for review:**

| **CHECKLIST ITEM #** | **DOCUMENTATION** |
| --- | --- |
| 1 | Center MOU or interagency agreement |
| 2 | Completed operating plan |
| 4 | Center manager delegation of authority |
| 14 | Center mobilization guide/dispatch operating plan |
| 16 | Continuity of operations plan (COOP) |
| 17 | Reference materials |
| 19 | Medical emergency plan |
| 30 | Aviation flight hazard maps, military operating areas sectionals, etc. |
| 31 | *NWCG Aviation Mishap Response Guide* *and Checklist* (or equivalent) |
| 41 | Expanded dispatch operating plan |
| 49 | Referenced items |
| 58 | Employee incident qualification cards (Red Cards) |
| 59, 61 | Employee training records |
| 62 | Employee driving authorization forms and defensive driving documentation |
| 63 | Risk assessments  |
| 64 | Documentation of tailgate safety session |
| 67 | Documents listed |
| 72 | Required PPE – FOR PERSONNEL WITH FIRELINE QUALIFICATIONS ONLY |
|  | [*Interagency Standards for Fire and Fire Aviation Operations*](https://www.nifc.gov/standards/guides/red-book)  |

| **CHECKLIST ITEM #** | **CHECKLIST REFERENCES** |
| --- | --- |
| 57 | [Employee Orientation Checklist](https://www.nifc.gov/standards/blm-preparedness-review)  |

**ADMINISTRATIVE**

***Key Code: E = Exceeds Standard, M = Meets Standard, NI = Needs Improvement, NR = Not Reviewed***

| **ITEM** | **DESCRIPTION** | **CODE****(E/M/NI/NR)** | **REMARKS** |
| --- | --- | --- | --- |
| 1 | A current memorandum of understanding (MOU) or interagency agreement is in place.*[RB Ch 8, Ch 19]* |  |  |
|  | a. Signed by all center cooperators |       |       |
|  | b. Reviewed annually |       |       |
| 2 | A center operating plan has been reviewed, updated, and approved prior to fire season and defines:*[RB Ch 8, Ch 19]* |  |  |
|  | a. The roles and responsibilities of each interagency partner’s fiscal and infrastructure support responsibilities. |       |       |
|  | b. Administrative oversight/support groups involved with the coordination center. |       |       |
|  | c. Clear fiscal reimbursement procedures and interagency funding procedures. |       |       |
|  | d. Center’s organizational charts. |       |       |
|  | e. Communication protocols for local and geographic area cooperating agencies, including briefings, planned meetings, and conference calls. |       |       |
|  | f. Procedures for incident management team mobilization and closeout. |       |       |
|  | g. Supporting documentation, such as any local initial attack or fire and aviation agreements for units serviced by the center. |       |       |
| 3 | Adequate Staffing*[RB Ch 19]* |  |  |
|  | a. Supervisory positions identified in the centers organizational charts are filled and are advising all agency FMOs/board of directors of center activities. |       |       |
|  | b. Other personnel recruitment/hiring is complete and staffing levels reflect budget allocations. |       |       |
| 4 | Center manager has a signed delegation of authority providing an adequate level of operational authority from all participating agencies.*[RB Ch 19]* |  |  |
|  | a. Includes appropriate supervisory authority |       |       |
|  | b. Includes a process for completing employee performance evaluations |       |       |
| 5 | Where appropriate, a delegation of authority from the center manager to staff is completed and identifies roles and responsibilities for acting center manager, coordinator on duty, floor supervisor, and/or internal duty officer.*[RB Ch 19]* |       |       |
| 6 | Supervisors are familiar with administrative issues and prepare proper documents as required. |  |  |
|  | 1. Time and attendance/fire time reports
 |       |       |
|  | 1. Travel vouchers/per diem forms
 |       |       |
|  | 1. Accident/injury reporting (CA1/CA2/CA16)/ECOMP
 |       |       |
|  | 1. Credit card purchases and records
 |       |       |
|  | 1. Fleet gas cards
 |       |       |
| 7 | Each BLM employee has reviewed and signed an Employee Performance Appraisal Plan (EPAP) for the current season.*[370 DM 430]* |       |       |
| 8 | Extended staffing and specific action plans are approved for predicted activity, high fire danger, and request for duty extension of resources by local fire managers or the GACC. [*RB Ch 10, Ch 19*] |       |       |
| 9 | Dispatch staff trained in and follows center procedures for:*[RB Ch 19]* |  |  |
|  | 1. Interagency Resource Ordering Capability (IROC)
 |       |       |
|  | 1. Computer-Aided Dispatch (CAD)
 |       |       |
|  | 1. Initial attack dispatcher
 |       |       |
|  | 1. Aircraft dispatcher
 |       |       |
|  | 1. FireCode
 |       |       |
|  | 1. Wildland Fire Decision Support System (WFDSS)
 |       |       |
|  | 1. Automated Flight Following (AFF)
 |       |       |
|  | 1. Cross-training between functions, initial attack, aircraft, logistics support, intelligence, etc.
 |       |       |
| 10 | Individual development plans (IDP) for BLM employees are in place for dispatch center employees (IDPs are required for supervisors and optional for non-supervisors).*[370 DM 410]* |       |       |
| 11 | IROC[<https://famit.nwcg.gov/applications/IROC/documents>] |  |  |
|  | 1. Resources are current and a process is in place to status appropriately.
 |       |       |
|  | 1. Current contracts and agreements are entered in IROC as appropriate.
 |       |       |
|  | 1. Resource naming conventions meet national standards.
 |       |       |
|  | 1. Standards are identified and utilized for IROC operations.
 |       |       |
|  | 1. Personnel are identified and trained in use of COGNOS reports and/or Query Studio and other analytical reports.
 |       |       |
|  | 1. Selection areas are set appropriately for ordering between approved dispatch centers.
 |       |       |
|  | 1. Rosters for resources are developed and maintained per established channels.
 |       |       |
| 12 | Fire records archiving and documentation meet agency standards.*[RB Ch 11]* |       |       |
| 13 | Procedures are in place for recording key events, and other information in a format accessible to all personnel (e.g., COD notes, shift briefs).*[RB Appendix P]* |  |  |
|  | 1. Information is kept at each functional desk.
 |       |       |
|  | 1. Information is shared between personnel.
 |       |       |
|  | 1. Information is archived.
 |       |       |
| 14 | Current local mobilization guide/dispatch operating plan is established and utilized.*[RB Ch 19]* |  |  |
|  | 1. Dispatch daily office routine and checklist established.
 |       |       |
|  | 1. Resource tracking and statusing system established for initial attack resources.
 |       |       |
|  | 1. Resource statusing system established for resources available for within unit and off unit assignments.
 |       |       |
|  | 1. Contains minimum required elements identified in Red Book appendix P
 |       |       |
| 15 | Trigger points are established to determine staffing levels for:*[RB Appendix P]* |  |  |
|  | 1. Requesting resources after closest forces have been exhausted using established agreements/mob guide criteria.
 |       |       |
|  | 1. Callout of other local fire specialists, support personnel, casual hire employees, etc.
 |       |       |
|  | 1. Call-out procedures for public affairs fire information officers based on identified agency requirements.
 |       |       |
| 16 | A current continuity of operations plan (COOP) is in place, and identifies:*[RB Ch 19]* |  |  |
|  | 1. Centers required to maintain communication with resources or aircraft identifies procedures to maintain and/or transfer communications in the event of a possible loss of radios and/or telecommunications equipment.
 |       |       |
|  | 1. Back-up computer system (other agency, DSL, etc.)
 |       |       |
|  | c. Ability to maintain operational capability by reverting to alternative processes or backup system when any mission essential information technology system becomes unavailable (e.g., IROC, FireCode, flight following, computer-aided dispatch, fire intelligence reporting systems) |       |       |
|  | d. Notification procedures in place for COOP activation. |       |       |
|  | e. Pre-identified alternate location with adequate supplies |       |       |
|  | 1. Dispatch center is designated as an emergency facility that meets the requirements of applicable building codes and NFPA standards for communications centers.
 |       |       |
| 17 | Reference materials are available (most current version). Can be hard copy or electronic, but must be accessible during loss of network connectivity, COOP, etc.*[RB Ch 19, Appendix P]* |  |  |
|  | a. *National Interagency Mobilization Guide* |       |       |
|  | b. Geographic area mobilization guide |       |       |
|  | c. IROC information  |       |       |
|  | d. *Interagency Standards for Fire and Fire Aviation Operations* |       |       |
|  | e. *WIMS User Guide*  |       |       |
|  | f. *Interagency Situation Report User’s Guide* |       |       |
|  | g. *ICS – 209 Program User’s Guide* |       |       |
|  | h. *North American Emergency Response Guidebook (DOT)*  |       |       |
|  | i. *NWCG Standards for Helicopter Operations*  |       |       |
|  | j. Aircraft identification/recognition/ capability guide |       |       |
|  | k. *NWCG Airtanker Base Directory* |       |       |
|  | l. *NWCG Standards for Airtanker Base Operations* |       |       |
|  | m. *NWCG Standards for Aerial Supervision*  |       |       |
|  | n. *Interagency Smokejumper Operations Guide* |       |       |
|  | o. National retardant contract  |       |       |
|  | p. National call-when-needed helicopter contract |       |       |
|  | q. *NWCG Standards for Airspace Coordination* |       |       |
|  | r. Military/National Guard Operating Plan (if applicable) |       |       |
|  | s. Aviation safety plans  |       |       |
|  | t. AP1B (access through NIFC FTP site) |       |       |
|  | u. Frequency guides (access through NIFC FTP site) |       |       |
|  | v. National regional/state/local aviation plans |       |       |
|  | w. Local airport, SEAT base, air tanker base, helibase and smoke jumper base locations |       |       |
|  | x. Fire danger operating plan (FDOP) or other preparedness operating plan. A FDOP or FDAD or FWOAD is required in sage grouse areas. *[RB Ch 10]* |       |       |
|  | y. Current fire danger PocketCards or seasonal trend analysis *[RB Ch 10]* |       |       |
|  | z. Fire management plan *[RB Ch 9]* |       |       |
|  | aa. Mutual aid/initial attack agreements |       |       |
| 18 | Standardized incident and communication center protocols identified in the “Medical Incident Report” section of the *IRPG*.[*RB Ch 7]* |       |       |
| 19 | A current medical emergency plan that identifies medical evacuation options, local/county/state/federal resource capabilities, capacities, ordering procedures, cooperative agreements, role of dispatch centers, and key contacts or liaisons is in place, and contains standardized communication center protocols.*[RB Ch 7, Ch 19]* |       |       |

**INITIAL ATTACK**

***Key Code: E = Exceeds Standard, M = Meets Standard, NI = Needs Improvement, NR = Not Reviewed***

| **ITEM** | **DESCRIPTION** | **CODE****(E/M/NI/NR)** | **REMARKS** |
| --- | --- | --- | --- |
| 20 | Pre-planned dispatch plan established and procedures (CAD, run cards, etc.) understood by initial attack dispatcher(s). *[RB Ch 10, Ch 19]* |       |       |
| 21 | Established radio operations procedures are in place and personnel understand frequency authorization and use protocols.*[RB Ch 19]* |       |       |
| 22 | Radio user has access to the SAFENET and SAFECOM reporting systems.*[RB Ch 7, Ch 16]* |       |       |
| 23 | Maps depicting initial attack response areas, land ownership, jurisdictional and protection boundaries, hazards, and resource concerns are posted/available.*[RB Ch 19]* |       |       |
| 24 | CAD and GIS products are current and functioning, and a CAD/GIS administrator/POC is identified.*[RB Ch 19]* |       |       |
| 25 | Initial attack reference material (most current version). Can be hard copy or electronic, but must be accessible during loss of network connectivity, COOP, etc. |  |  |
|  | a. Vehicle/structure fire guidelines  *[RB Ch 11]* |       |       |
|  | b. Protocols for ordering and use of area supported air ambulances *[RB Ch 7]* |       |       |
|  | c. *WildCAD (CAD) User’s Guide* |       |       |

**AIRCRAFT AND AVIATION MANAGEMENT**

***Key Code: E = Exceeds Standard, M = Meets Standard, NI = Needs Improvement, NR = Not Reviewed***

| **ITEM** | **DESCRIPTION** | **CODE****(E/M/NI/NR)** | **REMARKS** |
| --- | --- | --- | --- |
| 26 | Aircraft availability, authorities, and ordering procedures are established for fire, logistical and administrative flights.*[RB Ch 19]* |       |       |
| 27 | Operational procedures between dispatch center and air tanker base(s) are established.[*RB Ch 19]* |       |       |
| 28 | Air tanker, smokejumper and rappeler use procedures and restrictions are identified.*[RB Ch 19]* |       |       |
| 29 | Air Space*[RB Ch 19]* |  |  |
|  | a. Procedures for ordering and establishing TFRs are in place. |       |       |
|  | b. Military air space (MTR, SUA, MOA), restricted area operating guidelines are in place. |       |       |
|  | c. Ordering procedures are in place with FAA for temporary towers when airports are overloaded. |       |       |
| 30 | Aviation flight hazard maps, military operating areas sectionals, etc., are available.[*RB Ch 19]* |       |       |
| 31 | *NWCG Aviation Mishap Response Guide* *and Checklist (*or equivalent) are complete and updated.*[BLM NAP 5.12]* |       |       |

**INTELLIGENCE**

***Key Code: E = Exceeds Standard, M = Meets Standard, NI = Needs Improvement, NR = Not Reviewed***

| **ITEM** | **DESCRIPTION** | **CODE****(E/M/NI/NR)** | **REMARKS** |
| --- | --- | --- | --- |
| 32 | Protocols in place for monitoring, requesting, and disseminating fire weather forecasts, spot weather forecasts, fire weather watches, red flag warnings and other severe weather events (e.g., severe storm warnings, flash flood warnings, tornado warnings) to firefighters, incident commanders, and field-going personnel.*[RB Ch 19]* |       |       |
| 33 | An individual is identified who knows the location and conditions of RAWS. A current weather station catalog is available.*[RB Ch 10, Ch 19]* |       |       |
| 34 | The center has a person(s) trained in National Fire Danger Rating System or Canadian Forest Fire Danger Rating System (CFFDRS) assigned to data quality assurance responsibilities. |       |       |
| 35 | Seasonal inputs are maintained, including:*[RB Ch 19]* |  |  |
|  | a. Vegetative state |       |       |
|  | b. Fuel moisture values |       |       |
|  | c. Daily state of the weather observations |       |       |
|  | d. Updated breakpoints *[RB Ch 10]* |       |       |
| 36 | Weather data is being archived daily in WIMS.*[RB Ch 19]* |       |       |
| 37 | Coordination/communication with the local NWS forecast office occurs annually prior to fire season and during post-season AARs.*[RB Ch 19]* |       |       |
| 38 | Dispatch center website is maintained with current information.*[RB Ch 19]* |       |       |
| 39 | Process is in place for submission of daily situation report and ICS-209s.*[RB Ch 11, Ch 19]* |       |       |

**EXPANDED DISPATCH/INCIDENT BUSINESS MANAGEMENT**

***Key Code: E = Exceeds Standard, M = Meets Standard, NI = Needs Improvement, NR = Not Reviewed***

| **ITEM** | **DESCRIPTION** | **CODE****(E/M/NI/NR)** | **REMARKS** |
| --- | --- | --- | --- |
| 40 | Expanded dispatch workspace is identified.*[RB Ch 19]* |  |  |
|  | a. Area has adequate office space, including suitable lighting, heating/cooling systems, and security. |       |       |
|  | b. Adequate communications equipment (telephones, fax machines, copiers, and computers) |       |       |
| 41 | An expanded dispatch operating plan is in place.*[RB Ch 19]* |  |  |
|  | a. Provides specific details about when, where, and how to implement an expanded dispatch. |       |       |
|  | b. Logistical support facilities are identified, procured, and available for immediate setup, along with necessary equipment. |       |       |
| 42 | Incident management team mobilization procedures and contacts are identified.*[RB Appendix P]* |       |       |
| 43 | Buying team mobilization procedures and contacts identified.*[RB Appendix P]* |       |       |
| 44 | Incident business coordination and processes identified with agency administrative personnel.*[RB Appendix P]* |       |       |
| 45 | Individuals are trained and established protocols are in place for use of dispatch priority lists (DPLs).*[RB Appendix P]* |       |       |
| 46 | Personnel contact list for:*[RB Appendix P]* |  |  |
|  | a. AD or non-fire personnel support |       |       |
|  | b. Ground support |       |       |
|  | c. Logistics support |       |       |
| 47 | Established local and geographic area cache ordering procedures.*[RB Appendix P]* |       |       |
| 48 | Commercial travel procedures have been established including use of agency corporate card.*[RB Appendix P]* |       |       |
| 49 | Expanded/incident business management plans, guides and reference materials (most current version). Can be hard copy or electronic, but must be accessible during loss of network connectivity, COOP, etc.*[RB Appendix P]* |  |  |
|  | a. Expanded dispatch plan |       |       |
|  | b. Identified staging areas/mobilization centers |       |       |
|  | c. Incident management team briefing package |       |       |
|  | d. Copies of competitive I-BPAs and BPAs/preseason agreements |       |       |
|  | e. Source lists for incident-only sign-ups/EERAs |       |       |
|  | f. Dispatch priority lists (DPLs) |       |       |
|  | g. Service and supply plan *[RB Ch 19]* |       |       |
|  | h. National mobile food services contract |       |       |
|  | i. National mobile shower facilities contract |       |       |
|  | j. *National Incident Radio Support Cache (NIRSC) User’s Guide* |       |       |
|  | k. *NWCG Standards for Interagency Incident Business Management a*nd geographic area supplements |       |       |
|  | l. *National Fire Equipment System* catalog, NFES 0362 |       |       |
|  | m. *Standards for Interagency Hotshot Crew Operations* |       |       |

**FACILITIES AND EQUIPMENT**

***Key Code: E = Exceeds Standard, M = Meets Standard, NI = Needs Improvement, NR = Not Reviewed***

| **ITEM** | **DESCRIPTION** | **CODE****(E/M/NI/NR)** | **REMARKS** |
| --- | --- | --- | --- |
| 50 | Facilities meet the needs of personnel, equipment, and mission responsibilities.*[RB Ch 19]* |  |  |
|  | a. Adequate meeting/briefing space |       |       |
|  | b. Adequate break room is available for employees. |       |       |
|  | c. Space is available for extended staffing, MAC group, additional support positions, etc. |       |       |
| 51 | Radio communication system and equipment meets operational needs.*[RB Ch 15, Ch 19]* |  |  |
|  | a. Adequate number of frequencies |       |       |
|  | b. Frequency recording capability |       |       |
|  | c. Alert tones available |       |       |
| 52 | Radio equipment is serviced by technician annually for preventative maintenance.*[MS-1292, Radio Communications Manual; Radio Users Guide]* |       |       |
| 53 | Copying/computer/GIS systems meet operational needs for quantities and capabilities. Software is compatible with IRM and agency requirements.*[RB Ch 19]* |       |       |
| 54 | Agency contacts are identified, and procedures established for IT support, including after hours and on weekends. |       |       |
| 55 | Dispatch center meets agency standards for:*[RB Ch 19]* |  |  |
|  | a. Dispatch center supervisor |       |       |
|  | b. Assistant dispatch center supervisor |       |       |
|  | c. Dispatch center members |       |       |
|  | d. Minimum dispatch center staffing |       |       |

**QUALIFICATONS AND TRAINING**

***Key Code: E = Exceeds Standard, M = Meets Standard, NI = Needs Improvement, NR = Not Reviewed***

| **ITEM** | **DESCRIPTION** | **CODE****(E/M/NI/NR)** | **REMARKS** |
| --- | --- | --- | --- |
| 56 | Supervisors are familiar with safety reporting processes as required.*[RB Ch 19]* |  |  |
|  | a. Safety Management Information System (SMIS) |       |       |
|  | b. SAFENET reporting |       |       |
|  | c. SAFECOM reporting |       |       |
| 57 | BLM employees have completed the [*Employee Orientation Checklist*](https://www.nifc.gov/standards/blm-preparedness-review).*[RB Ch 19]* |       |       |
| 58 | The Incident Qualifications and Certification System (IQCS) has produced current incident qualification cards (red cards) for all dispatch center employees.*[RB Ch 19]* |       |       |
| 59 | Dispatch center employees have a documentation file for:*[RB Ch 19]* |  |  |
|  | a. Current season training |       |       |
|  | b. Past season fire training |       |       |
|  | c. Certifications and experience (hardcopy or electronic) |       |       |
|  | d. Fire experience |       |       |
|  | e. Position task books initiated appropriate to their training needs. |       |       |
|  | f. Performance evaluations, if required |       |       |
| 60 | Dispatch center has access to training materials and equipment. |       |       |
| 61 | Employees are being provided the following mandatory training as required by position.*[RB Ch 2, Ch 7, Ch 13, Ch 19]* |  |  |
|  | a. RT-130, *Wildland Fire Safety Training Annual Refresher*  |       |       |
|  | b. Work/rest requirements |       |       |
|  | c. Driver duty limitations |       |       |
|  | d. Risk management process |       |       |
|  | e. CPR, if required |       |       |
|  | f. First aid, if required |       |       |
|  | g. Bloodborne pathogens (BBP) |       |       |
|  | h. Risk assessment (RA) |       |       |
|  | i. HAZWOPER – Field Awareness  |       |       |
|  | j. BLM Hazard Communications – GHS |       |       |
|  | k. Defensive driving training |       |       |
|  | l. Any specific training identified by RA |       |       |
| 62 | Each BLM center employee who drives a government vehicle has a current state driver’s license and a BLM form 1112-11 to document authorization to drive government vehicles or to drive private or rental vehicles for government business and is current on defensive driving.*[RB Ch 7]* |       |       |
| 63 | Center has RAs completed for all work practices/projects that have potential hazards.*[RB Ch 7]* |       |       |
| 64 | Center has participated in a documented tailgate safety session weekly or as required (driving, long shifts, center projects). May use “6 Minutes for Safety.”*[RB Ch 7]* |       |       |

**RADIO USERS (Dispatch, Field-going Personnel, Law Enforcement)**

***Key Code: E = Exceeds Standard, M = Meets Standard, NI = Needs Improvement, NR = Not Reviewed***

| **ITEM** | **DESCRIPTION** | **CODE****(E/M/NI/NR)** | **REMARKS** |
| --- | --- | --- | --- |
| 65 | Radio equipment checked/updated annually or as changes occur.*[MS-1292, Radio Communications Manual]* |       |       |
| 66 | The help desk (REMEDY) system used for reporting/managing radio and radio-related issues.*[MS-1292, Radio Communications Manual]* |       |       |
| 67 | Repeater location maps and channel/frequency plans are provided upon request.*[MS-1292, Radio Communications Manual]* |       |       |
| 68 | Radio user training provided at least annually.  *[MS-1292, Radio Communications Manual]* |  |  |
|  | a. Radio training includes use and operation of mobile radios. |       |       |
|  | b. Radio trainings includes operation and use of handheld radios. |       |       |
|  | c. Radio training includes channel/frequency plans. |       |       |
|  | d. Radio training includes user guides.  |       |       |
| 69 | Knowledge of radio programming (if needed, analog/digital, CTCSS/NAC). *[RB Ch 15]* |       |       |
| 70 | Frequency authorization and use issues have been explained to the employee. *[DM 377, MS 1291]* |       |       |
| 71 | Radio User Comments |  |       |

**PERSONAL PROTECTIVE EQUIPMENT (PPE) – FOR PERSONNEL WITH FIRELINE QUALIFICATIONS ONLY**

***Key Code: E = Exceeds Standard, M = Meets Standard, NI = Needs Improvement, NR = Not Reviewed***

| **ITEM** | **DESCRIPTION** | **CODE****(E/M/NI/NR)** | **REMARKS** |
| --- | --- | --- | --- |
| 72 | Required Fireline PPE – FOR PERSONNEL WITH FIRELINE QUALIFICATIONS ONLY |  |  |
|  | 1. Wildland fire boots are a minimum of 8-inch-high, lace-type, exterior-leather work boots with melt-resistant, lug soles; Alaska is exempt from the lug sole requirement.

 *[RB Ch 7]* |       |       |
|  | 1. Fire shelter is M-2002, Forest Service specification 5100-606 compliant.
* Regular size fire shelters are not manufactured prior to 2006.

 *[RB Ch 7]* |       |       |
|  | 1. Helmet meets ANSI Z89.1 or equivalent helmet meeting ANSI Z89.1 type 1, class G or NFPA 1977; chinstrap required.

*[RB Ch 7]* |       |       |
|  | 1. Hearing protection is worn by personnel exposed to a noise level in excess of 85db.
* Includes, but is not limited to, chainsaw operators/fallers, pump operators, helibase and aircraft ramp personnel, and wildland fire chemical mixing personnel

*[RB Ch 7]* |       |       |
|  | 1. Goggles/safety glasses/mesh eyewear
* Positions requiring eye protection are nozzle operator, chainsaw operator/faller, helibase and ramp personnel, wildland fire chemical mixing personnel, and positions and/or activities identified in a JHA/RA and meets ANSI Z87.1 standards.
* Eye protection worn during all chainsaw operations including cleaning and fueling (meeting ANSI Z87.1). Steel mesh goggles are allowed during falling, bucking, and brushing operations. Face shield is only required where face protection is identified in a JHA/RA and must meet ANSI Z87.1.

 *[RB Ch 7; RB Erratum]* |       |       |
|  | 1. Long-sleeved, flame-resistant shirt (yellow recommended) is NFPA 1977 compliant.

 *[RB Ch 7]* |       |       |
|  | 1. Flame-resistant trousers are NFPA 1977 compliant.

 *[RB Ch 7]* |       |       |
|  | 1. Gloves
* Leather or leather/flame-resistant combination
* Flame-resistant flight gloves or NFPA-1977-compliant driving gloves can be used by heavy equipment operators, drivers, and fireline supervisors when not using fireline hand tools.
* For helicopter observation flights, flight gloves (type GS/FRP-2), all-leather gloves (without synthetic liners) are acceptable if they provide the wearer with wrist coverage and finger dexterity, or flame-resistant Nomex® and leather design (conforms to Military Specification MIL-DTL-81188C).

 *[RB Ch 7, 16]* |       |       |
|  | 1. Chainsaw operators wear chaps meeting the USFS Specification 6170-4F, 4G, or newer.
* Swampers wear chaps when the need is demonstrated by a risk analysis considering proximity to the sawyer, slope, fuel type, etc.

 *[RB Ch 7]* |       |       |
|  | 1. Additional PPE as identified by local conditions, Safety Data Sheet, or JHA/RA

 *[RB Ch 7]* |       |       |
|  | 1. Personnel have required PPE and are trained to use safety equipment effectively. *[RB Ch 7]*
 |       |       |