FMB Memorandum No. 25-001
Date: 16 April 2025

TO: Fire Management Board Members

FROM: Ed Christopher, Chair, Fire Management Board

SUBJECT: Errata to the *Interagency Standards for Fire and Fire Aviation Operations* (January 2025)

The fire and aviation directors of the Bureau of Land Management, U.S. Forest Service, U.S. Fish and Wildlife Service, National Park Service, and Bureau of Indian Affairs have directed the Interagency Standards for Fire and Fire Aviation Operations Group (ISOG) to annually revise, publish, and distribute the federal *Interagency Standards for Fire and Fire Aviation Operations*, also known as the "Red Book." The 2025 Red Book was issued on January 15, 2025.

As needed, the ISOG provides updates and corrections to the Red Book by issuing an errata statement. This document provides errata to the 2025 Red Book. Corrections to the *Interagency Standards for Fire and Fire Aviation Operations* (January 2025) will be incorporated into the electronic version.

Global Changes
- Broken weblinks, when identified, will be corrected throughout the year.
- Removed all text regarding Do What's Right training in chapter 2 (BLM), chapter 3 (NPS), chapter 4 (FWS), and bullet in chapter 13 for BLM/NPS/FWS.
- Changed document title from Interagency Smokejumper Operations Guide (ISMOG) to Standards for Smokejumper Operations.

Front cover colored red.

Page 10, BLM chapter, remove bullet for "Fire Operations Division Chief (FA-300)" regarding:

- Certifies Area Command and Complex Incident Management Command and General Staff position task books and red cards for the national and Washington offices.

Page 17, BLM chapter, in block 2, remove text and insert:
Ensure Fire Management Plan (FMP) is reviewed annually and maintained or revised to meet content requirements provided in the H-9211-1 Fire Planning Handbook and the BLM FMP Template available at the time of the FMP's signature. Ensure annual reviews are completed and signed using BLM's FMP Annual Review Checklist provided in the BLM FMP Template.

Page 54, NPS chapter, under heading "Delegation of Authority," subheading "Delegation for Regional Fire Management Officers," remove text in the last bullet and insert:

- Ensure smoke impacts to the public and fire personnel are addressed by ensuring that Air Resource Advisors (ARA, technical specialist) are ordered to work as part of IMTs to the

maximum extent practicable for wildfires classified as having Type 1 Incident Complexity in NWCG Wildland Fire Risk and Complexity Assessment, PMS 236. Ensure assignment of ARAs as part of IMTs for Type 2 Incident Complexity fires (as per Public Law 116-9, the Dingell Act, 2019, when appropriate to address smoke impacts" (https://www.congress.gov/116/plaws/publ9/PLAW-116publ9.pdf). Ensure measures to protect public health from the adverse health impacts of wildland fire smoke through monitoring of smoke and communication of potential impacts from smoke is considered for all wildfires (Wildland Fire and Air Quality Coordination Secretarial MOU between USDA, DOI, EPA and CDC (https://www.usda.gov/sites/default/files/documents/usda-epa-doi-cdc-mou.pdf). Additionally, all wildfires should consider ordering an Air Resource Advisor to work as part of IMTs when concerns regarding public health, transportation safety, or personnel safety issues from smoke are elevated.

Page 69, FWS chapter, remove Prevention of Sexual Harassment (POSH) training requirement from table "Agency Permanent, Career Seasonal, and Temporary Firefighter Firefighters," and "Administratively Determined (AD) and EFF Required Training."

Page 103, under heading "Policy," FWS bullet, remove text from the bullet regarding:

- *241 FW 7, Firefighting; 241 FW 4, Risk Management*

Page 106-107, under subheading "General Driving Policy," insert FWS bullet:

- **FWS –** *Supervisors authorize drivers using FWS Form 3-2267. More information is available in 321 FW 1 Authorization, Training, and Safety Requirements for Motor Vehicle/Equipment Operators.*

Page 150, under subheading "Type 3 Incident Command," insert text as the third paragraph:

Reference the 2025 National Interagency Standards for Resource Mobilization, chapter 20, for type 3 IMT standards when mobilizing across geographic area boundaries. A local unit may assign ad hoc type 3 organizations appropriately configured to the incident.

Page 152, under heading "Wildland Fire Decision Support System," insert the following text directly below the heading:

Disclaimer: The Wildland Fire Decision Support System (WFDSS) platform was updated and replaced by WFDSS NextGen on March 26, 2025. Updates to terminology and application processes with WFDSS NextGen is being developed and will be released in the 2026 version of the Red Book. Information about WFDSS NextGen can be found at: https://wfdss.firenet.gov/help/Content/Home.htm

Page 173, under heading "Incident Qualification Card," add second sentence to the BLM bullet regarding:

- *BLM – State fire management officers (SFMO) will certify position task books and incident qualification cards for area command, and complex command and general staff positions. SFMOs cannot sign their own incident qualification card.*

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Page 174, under heading "RT-130, Wildland Fire Safety Training Annual Refresher (WFSTAR)," add BLM bullet at the end of the section regarding:

- **BLM –** The hands-on fire shelter proficiency drill must be performed, as required by qualification, by each participant in person, not virtually. An individual qualified as a unit instructor (or higher) must monitor the completion of the proficiency drill per the *NWCG Standards for Course Delivery,* PMS 901-1.

Page 216, remove heading "Multi-Engine Water Scoopers" and associated text, and insert:

Water Scoopers

Single Engine Water Scoopers

Single engine water scoopers such as the AT-802F are fixed-wing, turbo-prop aircraft with amphibious floats and are categorized as a type 4 water scooper. Units ordering single engine water scoopers will need to verify there is a qualified manager on-site. Single engine water scoopers may only be managed remotely for 24 hours to allow time for assigned SEMG/ATBM or Amphibious Water Scooper Manager (AWSM) to relocate to the aircraft's operating location. Single engine scoopers engaged in delivering retardant will need to have an appropriate ATBM or SEMG on-site. Single engine scoopers delivering water enhancers will need to follow agency policy and contract as well as only delivering those products that are approved on the QPL, and at the proper mix ratios. Refer to the *NWCG Standards for Water Scooping Operations* ([PMS 518](#)).

Multi Engine Water Scoopers

FS-contracted, multi engine water scoopers are turbo-prop, amphibious aircraft that are ordered as type 3 multi-engine airtankers (Water Scooper) and are national resources. Geographic areas administering these aircraft will make them available for initial attack and extended attack fires on a priority basis. A qualified Amphibious Water Scooper Manager (AWSM) will need to be ordered by the unit requesting water scoopers and will need to be on site to coordinate water scooper operations, logistics, contract administration, and water-body assessment.

FS-contracted, multi engine water scoopers, by contract, shall not use retardant, foam, or gels.

Page 218, under heading "Policy," subheading "Fuels Management," remove existing text in bullets and insert:

- Firefighter and public safety are the top priority.
- Describe what is minimally acceptable for prescribed fire planning and implementation. Agencies may choose to provide more restrictive standards and policy direction but must adhere to these minimums.
- Provide common language and unified direction or guidance for federal agency manuals, directive handbooks, and guidelines to be issued as agency policy.
- Develop single unit, multiple units, and programmatic plans where the intent is to ignite a unit or units with active perimeter control.
- Plan for long-duration, landscape-scale prescribed fires, where the intent is to ignite portions of the unit and allow fire to move across the project area over time that may require supplemental information and analysis.

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- Ensure that risk management is incorporated into all prescribed fire planning and implementation.
- Support safe, carefully planned, and cost-efficient prescribed fire operations.
- Support use of prescribed fire to reduce wildfire risk to communities, municipal watersheds, and other values, and to benefit, protect, maintain, sustain, and enhance natural and cultural resources.
- Support use of prescribed fire to restore natural ecological processes and functions, and to achieve land-management objectives.

Page 218, under heading "Policy," subheading "Fuels Management," remove text in the BLM-specific bullet referencing, "Manual Section 9214."

Page 218, under heading "Reporting Fuels Management Accomplishments," remove associated text and insert:

The Interior Fuels and Post-fire Reporting System (IFPRS) is the Department of the Interior national System of Record (SOR) for submitting estimated and completed fuels management actions. These actions include treatments and activities where the system tracks accomplishments of the fuels program as the authoritative data. Data are used for reporting performance and accountability for all agencies in the DOI. USDA FS fuels management accomplishments are entered into the FS Activity Tracking System (FACTS) as the official system of record for tracking and reporting.

Information on FACTS can be found at https://fsweb.nrm.fs.fed.us/.

Page 219, under heading "Reporting Fuels Treatment Effectiveness Monitoring":

Remove text in BLM-specific bullet referencing, "Manual Section 9214."

Remove text in NPS-specific bullet referencing, "*Documenting Hazardous Fuels Reduction Program Treatment Effectiveness Memorandum, 10/09/2012.*"

Page 219, under heading "Reporting Planned Fuels Treatments Burned in a Wildfire," remove the BLM and NPS-specific bullets and insert:

- ***BLM/NPS –****Acres burned in a wildfire may be reported in IFPRS as a "wildfire" treatment type if the following criteria have been met:*
  - *The area burned was in a preexisting IFPRS treatment unit.*
  - *The National Environmental Policy Act (NEPA) is complete.*
  - *The planned objectives associated with the treatment were accomplished.*
  - *Line/Fuels Manager approves the determination and notifies the State/Regional Fuels Program Manager to ensure reporting.*

Page 219-220, under heading "Reporting of Wildfire Acres That Meet Resource Management Objectives":

Removed references to NFPORS and inserted IFPRS.

Added NPS to the bullet regarding, "Reporting will take place in InFORM."

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Removed text from the BLM bullet regarding, "Reference the BLM Fuels Management and Community Assistance handbook H-9214-1."

Page 228, under heading "Wildland Fire Accident Investigation Process," remove FS-specific text in bullet under the heading and insert:

- *FS –*The FS does not use the SAI process but may assist other agencies in an SAI for incidents involving the FS interests or personnel. FS aviation accidents and incidents utilize the FS aviation mishap investigation process. The FS's response to serious accidents includes the FLA which may be used for unintended outcomes of all types and the CRP reserved for coordination and response to FS serious accidents. Current versions of the Learning From Unintended Outcomes and CRP guides can be found on the LLC's website (https://lessons.wildfire.gov/).

Page 229-230, under heading "Wildland Fire Serious Accident Investigation Process," remove FS-specific text in bullet under the heading and insert:

- *FS –*The FS does not use the SAI process but may assist other agencies in an SAI for incidents involving the FS interests or personnel. FS aviation accidents and incidents utilize the FS aviation mishap investigation process. The FS's response to serious accidents includes the FLA which may be used for unintended outcomes of all types and the CRP reserved for coordination and response to FS serious accidents. Current versions of the Learning From Unintended Outcomes and CRP guides can be found on the LLC's website (https://lessons.wildfire.gov/).

Page 231, under subheading "Serious Accident Investigation Team Composition," remove FS from the bullet regarding the Interagency Serious Accident Investigation training course:

- *BLM/FWS – This training is required every 5 years to retain currency.*

Page 232, under subheading "Serious Accident Investigation Final Report," remove subheading and all associated text and insert:

Serious Accident Investigation Report
Within 60 calendar days of the incident, the SAIT will produce a final accident investigation report and a management evaluation report and forward to the DASHO through the agency fire director(s).
- **Accident Investigation Report** (**AIR**) – The AIR contains a brief summary or background of the event and facts based only on examination of technical and procedural issues related to equipment and tactical fire operations. The AIR does not contain opinions, conclusions, or recommendations. Names of injured personnel are not to be included in this report; positions may be referenced. Post-accident actions (emergency response attribute to survival of a victim, etc.) should be included in this report. AIRs will be submitted to LLC by the respective agency's fire safety/risk management leads. Submissions should be sent to any LLC staff member at https://lessons.wildfire.gov/about-us.
- **Management Evaluation Report (MER)** – The MER is intended for internal use only and explores management policies, practices, procedures, and personal performance related to

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the accident. The MER categorizes findings identified in the AIR and provides recommendations to prevent or reduce the risk of similar accidents.

<u>Page Appendix K-1, under "Wildland Fire Decision Support System" chapter heading, insert:</u>

Disclaimer: The Wildland Fire Decision Support System (WFDSS) platform was updated and replaced by WFDSS NextGen on March 26, 2025. Updates to terminology and application processes with WFDSS NextGen is being developed and will be released in the 2026 version of the Red Book. Information about WFDSS NextGen can be found at https://wfdss.firenet.gov/help/Content/Home.htm.

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