

# **2014 ISOG**

## **SUMMARY OF CHANGES**

The following is a brief summary of the significant changes that were made to the 2014 Interagency Single Engine Air Tanker Operations Guide (ISOG). All changes made to the document will be italicized in the 2014 revision. The ISOG should be posted to the National SEAT Web Site by the 1<sup>st</sup> of April. Hard copies should be available through the Great Basin Cache Supply Office by the middle of May. Order NFES #1844

Changes: (Page numbers reference the 2014 version of the ISOG).

- Changed all reference of AMD to OAS (Office of Aircraft Services).
- Removed all reference of variable term contracts.
- Removed all language referencing Aerial Task Force and Chapter 10.
- Regrouped SEMG kit items, added laptop, Safecomms, Task Orders List.
- Changed language regarding span of control, clarified that SEMG can administratively manage 3 SEATs, however must plan for increase in operations and or complexity and may require additional personnel. Included matrix as Appendix A. Recommended Best Practices for Minimum Staffing levels. (Pg. 4 Chapter 2, Personnel IV. C)
- Changed management of SEAT at Large Airtanker Base. Previously stated SEMG must be present, now gives authority to ATBM to manage SEATs at their base. (Pg. 4-5 Chapter 2, Personnel IV. C)
- Removed language about a SEMG trainee duties and management at alternate sites. This used to allow a trainee to manage remote operations. We now suggest that a qualified manager be present and duties of SEMG apply to any SEMG trainee resulting in deleting trainee duties to be consistent with other guides. (Pg. 4 Chapter 2, Personnel IV. D)
- Consolidated SEMG duties and responsibilities. (Pg. 5-8 Chapter 2, Personnel, IV. E)
- Removed that a qualified SEMG can manage up to 3 SEMG trainees. This was discussed as it depends on complexity and experience level. There is no NWCG language defining this.
- Removed and clarified language about SEMG duties at Established Large Airtanker Bases. (Pg. 8 Chapter 2, Personnel IV. F)
- Updated SEMG training and experience and will now reference the 310-1. (Pg. 8 Chapter 2, Personnel IV. G)
- Changed and removed language pertaining to SEMG dress code. Added PPE section to chapter 7. (Pg. 9 Chapter 2, Personnel IV. H)

- Rearranged SEMG kit and mandatory forms section. (Pg. 9 Chapter 2, Personnel IV. I)
- Added section on SEMG Decertification (Pg. 10 Chapter 2, Personnel IV. J)
- Clarified Field SECO Duties (Pg. 11 Chapter 2 Personnel, V)
- Added section on Geographic Area SEMG Representative. (Pg. 11 Chapter 2, Personnel VI)
- Removed unnecessary section on introduction to SEAT Operations. (Chapter 3, Operational Planning I)
- Clarified language on Mission Currency Training Flights from must be conducted to may be conducted. (Pg. 16 Chapter 3, Operational Planning III. G)
- Changed title from Flight over Waterways to Fire Chemical Use near Waterways/Sensitive Areas. Also included language for Reporting requirements and tank cleanout, and amphibious aircraft considerations. (Pg. 17 Chapter 3, Operational Planning III. H)
- Included language to include AFF as a tracking method, added to glossary. (Chapter 4, Flight Following/Resource Tracking and Communications II. E)
- Added language to verify frequency use at Base/Ramp. (Pg. 24 Chapter 4, Flight Following/Resource Tracking and Communications V. A)
- Reworded Sterile Cockpit language to conform with AIM 13-01 Air Tanker Roll times: Respecting the sterile cockpit. (Pg. 27 Chapter 4, Flight Following/Resource Tracking and Communications V. G)
- Removed FTA Card, now refer to Airspace Coordination page. <http://www.blm.gov/nifc/st/en/prog/fire/Aviation/Airspace/html>
- Removed Contract specific language referring to avionics requirements. (Chapter 5, SEAT Aircraft Requirements/Capabilities/Limitations III)
- Removed contract language pertaining to SEAT gates/tanks. (Chapter 5, SEAT Aircraft Requirements/Capabilities/Limitations IV)
- Removed language pertaining to “remote airstrips”. (Chapter 6 SEAT Bases and Landing Areas)
- Edited section on operating from established bases. (Chapter 6, SEAT Bases and Landing Areas III)
- Consolidated and changed SEAT Base categories. This will reduce category I-IV and now will only be category I and category II. **Identified that category I SEAT Bases must meet the requirements of the preparedness checklist.** (Pg. 32 Chapter 6, SEAT Bases and Landing Areas V).
- Consolidated Pilot/RAMP Personnel PPE to Chapter 7 Personnel Protective Equipment Requirements. (Pg. 34)

- Added language to paragraph to include units that are utilizing Agency personnel as RTCM and MXMS must be approved by the local Aviation Officer and State Aviation Officer. (Pg. 35 Chapter 8 I. Introduction) Also see appendix A for additional language for program implementation.
- Added SEAT Base support positions and Training Elements – Matrix Appendix A. (Pg. 35 Chapter 8 I. Introduction)
- Moved Refueling SEAT Aircraft from section II, to section IV in Chapter 8. (SEAT Loading and Refueling)
- Clarified procedures on initial Hot Load briefing. (Pg. 36 Chapter 8 SEAT Loading and Refueling )
- Changed language that referenced the retardant loaders and fuelers will remain clear of the loading area until signaled by the Ramp Manger that it is safe to approach the aircraft. Included that the pilot may also signal it is safe to approach as well as the SEMG or FWPT when appropriate. (Pg. 38 Chapter 8 SEAT Loading and Refueling)
- Changed reference of “Ramp Manger” to SEMG/RAMP/FWPT to identify positions that may oversee or be included in ramp operations. (Pg. 38 Chapter 8 SEAT Loading and Refueling)
- Removed Aviation fuel nozzle requirements as it is in the contract. (Chapter 8, SEAT Loading and Refueling C)
- Chapter 9 SEAT Management and Incident Command Coordination – deleted.
- Chapter 10 Aerial task Force – Deleted.
- Added Technical specialist positions to the glossary as well as IABOG. ATIM/RAMP/MXMS/RTCM/RADO
- Added Appendix B – SEAT Operating Plan as an appendix.
- Added Appendix C – SEAT Base Preparedness Checklist (from BLM website).
- Added Appendix D - Airtanker Operations Hand signals Graphic and Instructions (5 pages).

### Summary of Consolidation - SEMG Duties and Responsibilities

Lines referenced are from the 2011 version of the ISOG:

#### Initial Contract Duties:

Lines 1-3 become Complete Pre-Use information and Inspection Sheet.

Lines 4/5/11 became perform as liaison between contractor, airport, and using agency.

Lines 6/7/8/9/10 became conduct initial pilot loader in-briefing. And review base operations plan and SOP's

Moved ensures READ File is available to pilot from administrative to initial contract duties as it is part of the briefing.

**Daily Operational Duties:**

Removed Ensure all elements required for SEAT Base. It was incorporated into Initial Pilot Loader In-briefing.

Incorporated line 16 into 2 as to not be repetitive.

Added communicate aircraft and staffing to dispatch on a daily basis.

Combined 3/4/5/6 into a single statement on mission/daily briefings which is currently #3.

Removed line 7 pertaining to refresher training at low fire activity, because it is in mission currency training. Full refreshers should be done prior to fire season.

Combined lines 8/9/10 into 9<sup>th</sup> statement. Establish communications needs at base of operations and ensures that all base radio equipment is maintained and in working order. Communicate changes in frequencies as necessary.

Removed line 11 that is a Dispatch Duty.

Incorporated line 12 into 13.

Added as a duty - Ensure retardant and water supplies, as well as base logistical needs are adequate for anticipated fire activity.

Removed line 17, Pilot duty and is already captured on daily ops worksheet.

Removed line 18, should already be done by local aviation management.

Removed line 19 and 20.

Removed line 21 as it is a pilot duty and is in the contract.

**Administrative Duties:**

Removed line 4 as it is already done when we complete duty day logs.

Line 4 – We already do this in initial duties/completion of paperwork.

Added duty – Email or Fax Daily Operations Sheets to SECO/PI (if assigned) by 10:00 am MST.

Removed line 8/9 as it is already part of daily paperwork completion.

Removed line 11 as it is a Pilot Duty.

Added Duty - Submitting Safecomms in a timely manner through proper channels.

Removed Misc. duties – already done.

**SEMG Duties at Established Large Airtanker Bases:**

Removed all statements that referenced ATBM duties – title is SEMG duties.

Added statement that authorizes ATBM's to manage SEAT's without presence of SEMG. All administrative duties apply to the ATBM.

Last 3 lines removed – already daily and administrative duties for SEMG.