

# Aerial Supervision



## Log Book

Name: \_\_\_\_\_

Fire Seasons: \_\_\_\_\_

2008 Version





Aerial Supervision Mission Log			
Date	Fire Name		Location (City/State)
	Fire Number (s)		Mission Position
Pilot			ASM      ATGS
			(    )      (    )
			Total Flight Time
Resources:	#	Type	Description of Events
ASM			
Lead			
Airtankers			
SEATS			
Helicopters			
Jumpships			
Media			
Other			
Complexity Level:		Region:	Agency:
Missions to Date:		Flight Time to Date:	

## ATGS MISSION EVALUATION

<b>Name:</b>		<b>Date:</b>		# Evaluation Fires _____ (Taskbook)
Trainee:    Y        N		Check Ride:   Y        N		# Missions this Fire _____
<b>Incident Name:</b>				# Missions Active ATGS Role:
<b>Incident Location:</b>				Fuel Model(s):
<b>Type of Incident:</b>				
____ Prescribed Fire		____ Initial Attack (A, B, C)		____ Initial/Extended Attack (D+)
____ Large Fire (pre-containment)		____ Large Fire (controlled)		____ Other:
<b>Complexity Elements:</b> ____ TFR    ____ Urban Interface    ____ MOA/MTR    ____ International				
<b>Complexity Level:</b> ____ Low    ____ Medium        ____ High				
<b>Aviation Resources This Mission (number):</b>				
____ Type 1 Helicopters	____ Type 1 Airtankers	____ Lead/ASM/HLCO		
____ Type 2 Helicopters	____ Type 2 Airtankers	____ Media Aircraft		
____ Type 3 Helicopters	____ Type 3 Airtankers	____ Recon/Beaver Ops.		
____ Rappel Helicopters	____ Type 4 Airtankers (SEATS)	____ CL-215/415		
____ Military (ANG) Heli	____ MAFFS/AFFS	____ Smokejumpers		
<b>Evaluation Criteria:</b>	<b>1</b>	<b>2</b>	<b>3</b>	<b>Remarks</b>
1. Pre-mission preparation/tasks				
2. Enroute procedures				
3. Air space entry				
4. Establish ATGS control				
5. Implementing strategy/tactics				
6. Resource tracking				
7. Communications Management				
8. Multi-task management				
9. Air space management				
10. Air/ground safety hazards				
11. Situational awareness				
12. Intelligence gathering/reporting				
13. Directing water/retardant drops				
14. Interfacing with Lead/ASM				
15. Responding to emergencies				
16. Relief ATGS/Ops briefing				
17. Other				
<b>Focus Areas – Next Mission:</b>				
A.				
B.				
C.				
<b>Remarks:</b>				
<b>Evaluator/Check Airman Name:</b>				

Evaluation Criteria: 1 = Deficient; 2= Minimally Acceptable Performance; 3 = Proficient

## ASM/ATS Competency Training/Proficiency Check

**Name:** \_\_\_\_\_ **Position:** \_\_\_\_\_ **Date:** \_\_\_\_\_

**Aircraft Type:** \_\_\_\_\_ **N#:** \_\_\_\_\_ **Flight Time:** \_\_\_\_\_ **Location:** \_\_\_\_\_

**Crew Position:** ATS Trainee **Type Check:** ATS Trainee **Training:** Recurrent Annual Initial

**Grade all applicable items:** (+) Satisfactory (-) Unsatisfactory **Unsatisfactory marks require comments in the remarks section.**

	ATS	Trainee			ATS	Trainee	
<b>Pre-Flight</b>				<b>Tactics (low level)</b>			
Crew brief				Personnel location			
AC and radio setup				Separation			
Preparation/organization				Situational awareness			
Fire order information				Inter-cockpit commo			
				Over target			
<b>Enroute</b>				Drop evaluation			
Use of time							
Knowledge of the environment				<b>CRM</b>			
Air to ground commo				Teamwork			
				Judgement			
<b>Tactics/Recon</b>				Emergency procedures			
approaching the incident				Verbal skills			
Scouting the area				Non-verbal skills			
Hazard Identification				Risk analysis			
Risk mitigation							
Approach and Exit				<b>Other</b>			
<b>General Flight</b>							
Use of checklists							
Aircraft instrument knowledge							
Procedures							

**Remarks:**

**Results of Checkride:** Approved Not Approved

**Check Airman Name (print)** \_\_\_\_\_ **Check Airman Signature** \_\_\_\_\_

**Trainee/ATS Name (print)** \_\_\_\_\_ **Trainee/ATS Signature** \_\_\_\_\_

## SEAT PILOT MISSION DOCUMENTATION LOG

Pilot Name:		Company Name:	
Aircraft Make / Model:	Tanker #:	ATGS Name:	Other Aviation Resources Assigned:
Fire Name:	Location:	Mission Type: <input type="checkbox"/> IA <input type="checkbox"/> Extended Attack <input type="checkbox"/> IMT <input type="checkbox"/> Other:	Number of Missions:
Comments:			

Pilot Name:		Company Name:	
Aircraft Make / Model:	Tanker #:	ATGS Name:	Other Aviation Resources Assigned:
Fire Name:	Location:	Mission Type: <input type="checkbox"/> IA <input type="checkbox"/> Extended Attack <input type="checkbox"/> IMT <input type="checkbox"/> Other:	Number of Missions:
Comments:			

Pilot Name:		Company Name:	
Aircraft Make / Model:	Tanker #:	ATGS Name:	Other Aviation Resources Assigned:
Fire Name:	Location:	Mission Type: <input type="checkbox"/> IA <input type="checkbox"/> Extended Attack <input type="checkbox"/> IMT <input type="checkbox"/> Other:	Number of Missions:
Comments:			

Pilot Name:		Company Name:	
Aircraft Make / Model:	Tanker #:	ATGS Name:	Other Aviation Resources Assigned:
Fire Name:	Location:	Mission Type: <input type="checkbox"/> IA <input type="checkbox"/> Extended Attack <input type="checkbox"/> IMT <input type="checkbox"/> Other:	Number of Missions:
Comments:			

# ATGS AIRCRAFT DAILY COST SUMMARY

Date \_\_\_\_\_ Aircraft N# \_\_\_\_\_ Contractor \_\_\_\_\_

Contract# \_\_\_\_\_ Flight Invoice# \_\_\_\_\_

Incident Name \_\_\_\_\_ Incident Number \_\_\_\_\_

ATGS'S Name \_\_\_\_\_ Home Unit \_\_\_\_\_

**HRS**  **RATE**  
Flight Time  X  = \_\_\_\_\_

**HRS**  **RATE**  
Guaranteed  X  = \_\_\_\_\_

**HRS**  **RATE**  
Standby  X  = \_\_\_\_\_

**No. of Crewmen**  **RATE**  
RON Cost  X  = \_\_\_\_\_

Misc Cost  = \_\_\_\_\_

**TOTAL COST** = \_\_\_\_\_

## COMMENTS



## Aviation Lessons Learned Report

<b>Reported by (optional)</b>	<b>Name:</b>
<b>Email:</b>	<b>Phone:</b>
<b>Organization:</b>	
<b>Date:</b>	<b>Time:</b>
<b>Mission type (retardant, longline, buckets, etc) :</b>	
<b>Kinds of aircraft involved (SEAT, helicopter, leadplane, etc):</b>	
<b>Event location:</b>	
<b>Hazard encountered:</b>	
<b>Mitigation:</b>	
<b>Lessons learned and recommendations:</b>	
<b>Fax to Joe Bates at (208) 387-5199</b>	

## Airtanker Briefing Checklists

<b>Initial Tanker Briefing</b>	
FTA Entry Location and Altitude	
Altimeter	
Your Altitude	
\Other Aircraft and Respective Altitudes	
Portion of Load	
Coverage Level	
General Hazards	
<b>Tactical Briefing</b>	
Target Description	
Objective	
Specific Hazards	
Aircraft in Drop Area and Separation Method	
Drop Clearance	
<b>Departure Briefing</b>	
Drop Evaluation	
Reload Instructions	
Confirm Flight Following	
Other	

## Aerial Supervision Transition Checklist

<b>Current strategy and tactics</b>	
<b>Priorities</b>	
<b>Division locations and breaks</b>	
<b>Hazards</b>	
<b>Helibase/helispot locations</b>	
<b>Dipsites</b>	
<b>Other landmarks</b>	
<b>Ground contacts</b>	
<b>Confirm command, tactical, air to ground, and victor frequencies</b>	
<b>Tankers assigned, locations, assignments, rotation, reload bases, retardant effectiveness</b>	
<b>Planned tanker missions</b>	
<b>Helicopters assigned, locations, assignments, mission types,</b>	
<b>Helicopter fuel and flight time status</b>	
<b>Planned helicopter missions</b>	
<b>Aerial supervision assigned: Lead/ASM, HLCO: Location, assignments, and fuel status</b>	
<b>Transition times: (ATGS/Lead/ASM)</b>	

**Notes:**



# Initial Fire Size Up

**Location:** Latitude \_\_\_\_\_ Longitude \_\_\_\_\_

**Are any structures threatened?**  No  Yes (Specify):

**Spread Potential:**

- 1) Low      2) Moderate      3) High      4) Extreme

**Character of Fire:**

- 1) Smoldering      3) Running      5) Torching      7) Spotting  
2) Creeping      4) Spotting      6) Crowning      8) Erratic

**Slope at Head of Fire:**

- 1) 0-25%      2) 26-40%      3) 41-75%      4) >76%

**Position on Slope:**

- 1) Ridge Top      4) Middle 1/3 of Slope      7) Valley Bottom  
2) Saddle      5) Lower 1/3 of Slope      8) Mesa/Plateau  
3) Upper 1/3 of Slope      6) Canyon Bottom      9) Flat or Rolling

**Fuel Type:**

- 1) Grass      2) Brush      3) Timber      4) Logging Slash

**Wind Speed:** \_\_\_\_\_ MPH

**Wind Direction:**

- 1) North      4) East      6) South      8) West      10) Erratic

**Does the fire constitute any control problems?**  No  Yes (Specify):

**Are additional resources needed?**  No  Yes (Specify):

**Hazard(s):**