

Chapter 2

TRAINING PLAN



LESSON PLAN OUTLINE

PROGRAM: SMOKEJUMPER

LESSON: TRAINING PLAN

OBJECTIVES: To provide a comprehensive overview of training and performance requirements for specific areas of smokejumper activity.

INTRODUCTION: This unit is intended to provide instructors, supervisors, and trainees with an insight into the elements required of smokejumper training in critical areas of operation. For detailed lesson plan outlines, it will be necessary to refer to specific subject units of the Training Guide.

I. SMOKEJUMPER TRAINING PLANS

A. Initial Smokejumper Training (4 1/2 to 5 weeks)

1. Orientation

- a. Forest Service organization and regulations
- b. General Unit information
- c. Training program
- d. Safety
- e. Physical Fitness Test

2. Parachute Jumping Techniques

- a. Pre-jump training
- b. Parachute landing simulator
- c. Exit tower

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- d. Letdown simulator
 - e. Aircraft mockup
 - f. Aircraft procedures
 - g. In-flight emergencies
 - h. FS-14 parachute maneuvering
 - i. Parachute manipulation simulator
- 3. Physical fitness
 - 4. Firefighting skills and fireline safety
 - 5. Emergency medical/first aid training.
 - 6. Tree climbing/parachute and cargo retrieval.
 - 7. Practical parachute jumping experience.
 - a. Parachuting skills evaluation system.
 - b. Minimum of 15 initial training jumps to qualify.
Refer to the practical jump experience section of the training guide or the Forest Service Smokejumper Operations Guide.

B. Refresher Smokejumper Training (1 to 2 Weeks)

- 2. Mandatory pre-jump training
 - a. Parachute landing simulator
 - b. Exit Tower
 - c. Letdown simulator
 - d. Emergency procedures
 - e. First Aid/CPR
 - f. Review video and classroom discussion of parachute handling characteristics of the FS-14 parachute.

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- g. Practical jump experience
 - 1. Recurrency on parachute type
 - 2. Currency on unfamiliar parachute type
 - 3. Standards to certify on type

C. Smokejumper Spotter Training

1. Policies

- a. 5700 Manual direction
- b. Federal Aviation Regulations

2. Safety

- a. Pre jump safety checks
- b. Aircraft procedures
- c. Spotters role in aircraft emergencies
- d. Administrative responsibilities
- e. Crew Resource Management training

3. Navigation

- a. Geography
- b. Aeronautical charts and maps
- c. Aircraft instruments and navigation aids.

4. Spotter and Paracargo Training

- a. Refer to Chapter 7 of the Forest Service Smokejumper Operations Guide and the Spotter/Cargo Training Sections of the Smokejumper Training Guide.
- b. Classroom training.
 - 1. Review the Professional Smokejumper Spotter video.

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2. Lead spotter conduct refresher from Spotter chapter in the training guide.
 - c. Jump spot selection.
 - d. Procedures for dropping and interpreting the streamers.
 - e. Practical training for new spotters.
 - f. Radio operation and communications.
 - g. Fire staffing/Incident Commander selection.
 - h. Paracargo dropping. *Refer to the Forest Service Operations Guide and the training guide.
 - i. Spotter performance documentation (task book) and certification.
 - j. Mixed load spotting procedures.
 - k. Recurrency spotter training.

It is the responsibility of each smokejumper training unit to ensure that a good comprehensive training plan is developed for each phase of smokejumper training. The training plan should adhere to the guidelines in this training manual to ensure that each smokejumper receives the necessary training to enable the jumper to effectively and safely work in the smokejumping environment.

Performance levels are based on satisfactory completion of performance based elements of each unit.

D. Smokejumper Incident Commander Path

The following is an example of smokejumper training minimums for the Incident Command System for smokejumpers by target year. Each base should use this as a guide in developing base specific training paths for their individual jumpers, however, this guide should be used as a national minimum for forest service smokejumpers.

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Fire Positions by Smokejumper Experience Year

Smokejumper/Remote Fires

Class A – C Incidents

<u>Actual Use</u>	<u>Target</u>
1 st Year – Firefighter/Squad Boss (FFT 1)	Squad Boss
GS-6 (2 – 3 yrs – Crew Boss Initial Attack IC (Type 4)	ICT 4
GS-6 (4+ years) – Initial Attack IC (Type 3) Strike Team Leader	Crew Boss STL/TFL
GS-7 Squad leader – Crew Boss Initial Attack IC (Type 3) Division Group Supervisor	Division Group Sup.
GS-8/9 Foreman – Initial Attack IC (Type 3) Division Group Supervisor Operations Section Chief	ICT 3 ATGS-T ATGS

Non-Core Target Positions

Year 1 – 4	Helicopter Crew Member (HECM) Field Observer (FOBS) Dozer Boss (DOZB) Firing Boss (FIRB) Felling Boss (FELB)
Year 5+	Air Tactical Group Supervisor (ATGS) Helibase Manager (HEB2) Situation Unit Leader (SITL) Resource Unit Leader (RESL) Fire Behavior Analyst (FBAN)

Smokejumper Training Minimums by Year

<u>Year</u>	<u>Target</u>
1 –	Standard Initial Training Standards for Survival, Lookup, Look Down, Look Around, Fire Shelter = 8 hours ICS – Basic ICS –200
	FFT 1/Squad Boss

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- 2 - Standard Refresher Training ICT 4
Additional 40 hours in – Fire Supervisor
and IA IC = 32 hr.
Review – Standards for Survival, Lookup,
Look Down, Look Around, Fire Shelter,
Fire Behavior = 8 hours.
- Recommended additional training
S-260 Fire Business Management Principles
S-290 Intermediate Fire Behavior
- 3 - Standard Refresher Training
Fire Refresher = 8 hours, Additional 40 hrs
in one of the following:
S-290 Intermediate Fire Behavior
S-234 Firing Methods and Procedures
S-270 Basic Air Operations
- 4 - Standard Refresher Training Crew Boss
Fire Refresher = 8 hours, Additional 40 hrs
in one of the following:
S-270 Basic Air Operations
S-230 Crew Boss (Single Resource)
- 5 - Standard Refresher Training STL
Fire Refresher = 8 hours, Additional 40 hrs
in one of the following:
S-336 Fire Suppression Tactics
S-390 Fire Behavior Calculations
- 6 - Standard Refresher Training Div Group
Fire Refresher = 8 hours, Additional 40 hrs
in one of the following:
S-330 Task Force/Strike Team Leader
- 7 - Standard Refresher Training
Fire Refresher = 8 hours, Additional training
in: S-339 Division/Group Supervisor
I-375 Air Support Group Supervisor