CHAPTER 40 - FIRE AND AVIATION MANAGEMENT POSITION COMPETENCIES

Amendment No.: 5109.17-2007-1

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Duration: This amendment is effective until superseded or removed.

Approved: ROBIN L. THOMPSON
Date Approved: 05/18/2007

Associate Deputy Chief

Posting Instructions: Amendments are numbered consecutively by handbook number and calendar year. Post by document; remove the entire document and replace it with this amendment. Retain this transmittal as the first page(s) of this document. The last amendment to this handbook was 5109.17-2006-6 to 5109.17_40.

New Document 5109.17_40 12 Pages

Superseded Document(s) by Issuance Number and Effective Date 5109.17_40 (Amendment 5109.17-2006-6, 09/20/2006) 11 Pages

Digest:

Clarifies the digest listing changes to Exclusive Use Helicopter Position competencies originally issued in Amendment 5109.17-2006-6.

41.1 - Revises the Hotshot Position competencies in exhibit 01 as follows:

1. Adds "RT-130" Annual Fireline Safety Refresher to all positions.

2. Changes Hotshot Superintendent prerequisite experience from previous position title "Ignition Specialist" now changed to position title "Firing Boss" in accordance with NWCG Wildland Fire Qualifications System Guide, PMS 310-1.
41.2 - Revises the Exclusive Use Helicopter Position competencies in exhibit 01 as follows:

1. Replaces previous refresher course language with "RT" refresher courses, required for certification.

2. Adds “A” courses set out in the Interagency Aviation Training Guide for these positions.

3. Deletes courses which have been removed from the curriculum or are taught in the refresher course.
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41 - FIRE AND AVIATION POSITION COMPETENCIES

The Federal Fire and Aviation Leadership Council has developed the Interagency Fire Program Management Qualifications Standards and Guide, which contains minimum qualification standards for fire and aviation management positions. The Forest Service has determined the following competencies are required to reach full performance in each associated position listed in sections 41.1 and 41.2.

41.1 - Hotshot Position Competencies

41.1 - Exhibit 01

HOTSHOT SUPERINTENDENT

TRAINING: None

PREREQUISITE EXPERIENCE: Task Force Leader AND Incident Commander Type 4 AND Firing Boss

CERTIFICATION: RT-130 Annual Fireline Safety Refresher

PHYSICAL FITNESS: Arduous

*Desired fitness goals also include completing:
1.5-mile run in a time of 10:35 or less AND
Forty sit-ups in sixty seconds AND
Twenty-five push-ups in sixty seconds AND

*Contained in the National Interagency Hotshot Operations Guide (FSM 5108). These fitness goals are desired in hotshot positions; however, they are not required.
41.1 - Exhibit 01--Continued

**HOTSHOT ASSISTANT SUPERINTENDENT/CAPTAIN**

**TRAINING:** None

**CERTIFICATION:** RT-130 Annual Fireline Safety Refresher

**PREREQUISITE EXPERIENCE:** Strike Team Leader (Crew) AND Incident Commander Type 4

**PHYSICAL FITNESS:** Arduous

*Desired fitness goals also include completing:
1.5-mile run in a time of 10:35 or less AND
Forty sit-ups in sixty seconds AND
Twenty-five push-ups in sixty seconds AND

*Contained in the National Interagency Hotshot Operations Guide (FSM 5108). These fitness goals are desired in hotshot positions; however, they are not required.
**41.1 - Exhibit 01--Continued**

**HOTSHOT SQUAD LEADER**

**TRAINING:** None

**CERTIFICATION:** RT-130 Annual Fireline Safety Refresher

**PREREQUISITE EXPERIENCE:** Single Resource Boss (Crew), Trainee and Incident Commander Type 5

**PHYSICAL FITNESS:** Arduous

*Desired fitness goals also include completing:
  1. 1.5-mile run in a time of 10:35 or less AND
  2. Forty sit-ups in sixty seconds AND
  3. Twenty-five push-ups in sixty seconds AND
  4. Four chin-ups (>170 lbs. body weight)
  5. Five chin-ups (135-170 lbs. body weight)
  6. Six chin-ups (110-134 lbs. body weight)
  7. Seven chin-ups (<110 lbs. body weight)

*Contained in the National Interagency Hotshot Operations Guide (FSM 5108). These fitness goals are desired in hotshot positions; however, they are not required.*
HOTSHOT SENIOR FIREFIGHTER

TRAINING: None

CERTIFICATION: RT-130 Annual Fireline Safety Refresher

PREREQUISITE EXPERIENCE: Advanced Fire Fighter/Squad Boss
AND
Incident Commander Type 5

Desirable skills which may include:
Class C Faller
OR
Emergency 1st Responder
OR
Helicopter Crewmember

PHYSICAL FITNESS: Arduous

*Desired fitness goals also include completing:
1.5-mile run in a time of 10:35 or less
AND
Forty sit-ups in sixty seconds
AND
Twenty-five push-ups in sixty seconds
AND
Four chin-ups (>170 lbs. body weight)
Five chin-ups (135-170 lbs. body weight)
Six chin-ups (110-134 lbs. body weight)
Seven chin-ups (<110 lbs. body weight)

*Contained in the National Interagency Hotshot Operations Guide (FSM 5108). These fitness goals are desired in hotshot positions; however, they are not required.
41.1 - Exhibit 01—Continued

HOTSHOT CREWMEMBER

TRAINING: None

CERTIFICATION: RT-130 Annual Fireline Safety Refresher

PREREQUISITE EXPERIENCE: Satisfactory position performance as a Firefighter Type 2

PHYSICAL FITNESS: Arduous

*Desired fitness goals also include completing:
1.5-mile run in a time of 10:35 or less
AND
Forty sit-ups in sixty seconds
AND
Twenty-five push-ups in sixty seconds
AND
Four chin-ups (>170 lbs. body weight)
Five chin-ups (135-170 lbs. body weight)
Six chin-ups (110-134 lbs. body weight)
Seven chin-ups (<110 lbs. body weight)

*Contained in the National Interagency Hotshot Operations Guide (FSM 5108). These fitness goals are desired in hotshot positions; however, they are not required.
41.2 - Exclusive Use Fire Helicopter Position Competencies

41.2 - Exhibit 01

EXCLUSIVE-USE FIRE HELICOPTER CREW SUPERVISOR

TRAINING:

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<th>Level</th>
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<td>S-390 Introduction to Wildland Fire Behavior Calculations</td>
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<td>L-380 Fireline Leadership</td>
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</table>

CERTIFICATION:

| RT-130 Annual Fireline Safety Refresher |
| RT-372 Helicopter Manager Workshop (every other year) |

PREREQUISITE EXPERIENCE:

One season’s experience as Exclusive-Use Assistant Helicopter Crew Supervisor

OR

Call-when-needed Helicopter Manager

AND

Helibase Manager 2 (T)

AND

Incident Commander, Type 4

PHYSICAL FITNESS:

Arduous
41.2 - Exhibit 01—Continued

EXCLUSIVE-USE ASSISTANT FIRE HELICOPTER CREW SUPERVISOR

TRAINING: Level 1 S-371 Helibase Manager  
S-372 Interagency Helicopter Manager

Level 3 Regional Aviation Contract Administration

I-300 Intermediate Incident Command System  
L-380 Fireline Leadership Cockpit Resource Management

CERTIFICATION: RT-130 Annual Fireline Safety Refresher  
RT-372 Helicopter Manager Workshop (every other year)

PREREQUISITE EXPERIENCE: One season’s experience as Exclusive Use  
Helicopter Crewmember

AND  
Incident Commander Type 4

AND  
Helicopter Boss, Single Resource

OR  
Helicopter Manager - Call-When-Needed

AND  
Helibase Manager (1 to 3 Helicopters) (T)

AND  
Satisfactory position performance as a Helicopter Manager

AND  
Experience in Aviation Contract Administration

PHYSICAL FITNESS: Arduous
41.2 - Exhibit 01—Continued

EXCLUSIVE-USE FIRE HELICOPTER SQUAD LEADER

TRAINING:

- Level 3 Regional Aviation Contract Administration
- I-200 Basic Incident Command System
- S-200 Initial Attack Incident Commander
- S-215 Fire Operations In The Urban Interface
- S-230 Crew Boss
- S-234 Ignition Operations
- S-260 Interagency Incident Business Management
- S-270 Basic Air Operations
- S-371 Helibase Manager

CERTIFICATION:

- RT-130 Annual Fireline Safety Refresher
- RT-271 Helicopter Crewmember Refresher (must complete refresher or serve as an instructor)

PREREQUISITE EXPERIENCE:

- Advanced Fire Fighter/Squad Boss
  AND
- One season experience as an exclusive use fire Helicopter Crewmember
  AND
- Incident Commander Type 5
  AND
- Desired experience in Contract Administration

PHYSICAL FITNESS:

- Arduous
### 41.2 - Exhibit 01--Continued

#### EXCLUSIVE-USE FIRE HELICOPTER CREWMEMBER

| TRAINING: | Level 1 | A-219 Helicopter Transport of External Cargo  
| | | S-271 Interagency Helicopter Training  
| | Level 3 | S-131 Advanced Firefighter  
| | | S-133 Look Up, Look Down, Look Around  
| | | S-211 Portable Pumps and Water Use  
| | | S-212 Wildfire Power Saws  
| CERTIFICATION: | RT-130 Annual Fireline Safety Refresher  
| | | RT-271 Helicopter Crewmember Refresher (every year)  
| PREREQUISITE EXPERIENCE: | Firefighter Type 2  
| | AND | Satisfactory position performance as a Helicopter Crewmember  
| PHYSICAL FITNESS: | Arduous |