

**FSH 5109.17 - FIRE AND AVIATION MANAGEMENT QUALIFICATIONS HANDBOOK  
CHAPTER 30 - EQUIVALENCY COURSES**

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### 31 - APPROVED EQUIVALENCY COURSES

As set out in section 22.3, the Forest Service has identified a process for evaluating a course for National Wildfire Coordinating Group (NWCG) course equivalency. Following evaluation by a Regionally appointed equivalency course Evaluation Team, findings and recommendations are submitted to the NWCG Training Working Team for consideration and approval as equivalency courses.

The NWCG Training Working Team has determined the courses listed in exhibit 01 to be equivalent to the identified NWCG course. Persons who have successfully completed the identified equivalency course do not need to attend the NWCG course.

#### 31 - Exhibit 01

<u>NWCG Approved Curriculum</u>	<u>Approved Equivalency Course(s)</u>
Facilitative Instructor (M-410)	National Fire Protection Association (NFPA) 1041, Fire Service Instructor I
Introduction to Fire Effects (RX-310)	Successful Completion of Technical Fire Management
Fire Suppression Tactics (S-336)	Successful Completion of:  Single Resource Boss (S-230, 1996 Version or later) <b>AND</b> Fire Operations in the Urban Interface (S-215) <b>OR</b> Task Force/Strike Team Leader (S-330) <b>AND</b> Fire Operations in the Urban Interface (S-215)
S-580 Advanced Fire Use Applications	Managing Wildland Fire for Resource Benefits (offered in Region 1). Equivalent for Fire Use Manager 2 only.

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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**

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#### **HOTSHOT SUPERINTENDENT**

<b><u>TRAINING:</u></b>	None
<b><u>PREREQUISITE EXPERIENCE:</u></b>	Task Force Leader <b>AND</b> Incident Commander Type 4 <b>AND</b> Ignition Specialist Type 2
<b><u>PHYSICAL FITNESS:</u></b>	Arduous  *Desired fitness goals also include completing: 1.5-mile run in a time of 10:35 or less <b>AND</b> Forty sit-ups in sixty seconds <b>AND</b> Twenty-five push-ups in sixty seconds <b>AND</b> 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. These fitness goals are desired in hotshot positions; however, they are not required.

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**HOTSHOT ASSISTANT SUPERINTENDENT/CAPTAIN****TRAINING:**

None

**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**

Four chin-ups (&gt;170 lbs. body weight)

Five chin-ups (135-170 lbs. body weight)

Six chin-ups (110-134 lbs. body weight)

Seven chin-ups (&lt;110 lbs. body weight)

**\*Contained in the National Interagency Hotshot Operations Guide. These fitness goals are desired in hotshot positions; however, they are not required.**

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**HOTSHOT SQUAD LEADER****TRAINING:**

None

**PREREQUISITE EXPERIENCE:**

Single Resource Boss (Crew), Trainee

**AND**

Incident Commander Type 5

**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 (&gt;170 lbs. body weight)

Five chin-ups (135-170 lbs. body weight)

Six chin-ups (110-134 lbs. body weight)

Seven chin-ups (&lt;110 lbs. body weight)

\*Contained in the National Interagency Hotshot Operations Guide. These fitness goals are desired in hotshot positions; however, they are not required.

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**41.1 - Exhibit 01--Continued**

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**HOTSHOT SENIOR FIREFIGHTER**

**TRAINING:**

None

**PREREQUISITE EXPERIENCE:**

Advanced Fire Fighter/Squad Boss

**AND**

Incident Commander Type 5

Desirable skills which may include:

Class C Faller

**OR**Emergency 1<sup>st</sup> 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 (&gt;170 lbs. body weight)

Five chin-ups (135-170 lbs. body weight)

Six chin-ups (110-134 lbs. body weight)

Seven chin-ups (&lt;110 lbs. body weight)

\*Contained in the National Interagency Hotshot Operations Guide. These fitness goals are desired in hotshot positions; however, they are not required.

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**HOTSHOT CREWMEMBER****TRAINING:**

None

**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 (&gt;170 lbs. body weight)

Five chin-ups (135-170 lbs. body weight)

Six chin-ups (110-134 lbs. body weight)

Seven chin-ups (&lt;110 lbs. body weight)

\*Contained in the National Interagency Hotshot Operations Guide. These fitness goals are desired in hotshot positions; however, they are not required.

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## 41.2 - Exclusive Use Fire Helicopter Position Competencies

### 41.2 - Exhibit 01

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#### EXCLUSIVE-USE FIRE HELICOPTER CREW SUPERVISOR

##### TRAINING:

- LEVEL 1** I-300 Intermediate Incident  
Command System
- LEVEL 2** S-301 Leadership and  
Organizational  
Development  
**OR**  
Fireline Leadership
- LEVEL 3** Aviation Conference and  
Education (ACE)  
S-300 Incident Commander  
Extended Attack  
S-378 Air Tactical Group  
Supervisor  
S-390 Introduction to Wildland  
Fire Behavior Calculations

##### CERTIFICATION:

Attendance at a Helicopter Manager  
Workshop every other year

##### PREREQUISITE EXPERIENCE:

Exclusive-Use Assistant Helicopter Crew  
Supervisor  
**OR**  
Call-when-needed Helicopter Manager  
**AND**  
Helibase Manager 2 (T)  
**AND**  
Experience in Aviation Contract  
Administration  
**AND**  
Satisfactory performance as an exclusive use  
Helicopter Crewmember

##### PHYSICAL FITNESS:

Arduous

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**41.2 - Exhibit 01--Continued**

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**EXCLUSIVE-USE ASSISTANT FIRE HELICOPTER CREW SUPERVISOR**

**TRAINING:**

**LEVEL 1** S-371 Helibase Manager  
\*S-372 Interagency Helicopter  
Manager

**LEVEL 2** S-281 Supervisory Concepts and  
Techniques

**OR**

Forest Service Corporate Training  
Practical Leadership Skills for  
New First-Line Supervisors

**LEVEL 3** Regional Aviation Contract  
Administration Aviation  
Conference and Education  
(ACE)

I-300 Intermediate Incident  
Command System

S-301 Leadership and  
Organizational  
Development

**OR**

Fireline Leadership

**CERTIFICATION:**

Attendance at a Helicopter Manager  
Workshop every other year

**PREREQUISITE EXPERIENCE:**

Incident Commander Type 4

**AND**

Satisfactory position performance as a  
Helicopter Manager

**AND**

Experience in Aviation Contract  
Administration

**PHYSICAL FITNESS:**

Arduous

\*S-372 Interagency Helicopter Manager is in the initial states of course development.  
Anticipated release of the course materials will be in 2003 or 2004.

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**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

**PREREQUISITE EXPERIENCE:**

Advanced Fire Fighter/Squad Boss  
**AND**  
Helicopter Crewmember  
**AND**  
Incident Commander Type 5  
**AND**  
Desired experience in Contract  
Administration

**PHYSICAL FITNESS:**

Arduous

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**41.2 - Exhibit 01--Continued**

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**EXCLUSIVE-USE FIRE HELICOPTER CREWMEMBER**

**TRAINING:**

**LEVEL 1** 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  
S-281 Supervisory Concepts and  
Techniques

**OR**

Forest Service Corporate Training  
Practical Leadership Skills for  
New First-Line Supervisors

**PREREQUISITE EXPERIENCE:**

Firefighter Type 2

**AND**

Satisfactory position performance as a  
Helicopter Crewmember

**PHYSICAL FITNESS:**

Arduous

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