

FIRE PROTECTION TRAINING GUIDE - FORESTRY PILOT (HELICOPTER)

4020.9

(No. 8 May 1999)

MINIMUM QUALIFICATIONS

Licenses: Possession of a valid Federal Aviation Agency (FAA) Commercial Airman Certificate with rotorcraft-helicopter rating or a valid FAA Airline Transport Pilot's Certificate with a rotorcraft-helicopter rating.

and

Possession of a valid and current Class II Airman's Medical Certificate issued by an FAA authorized medical examiner.

and

Possession of a valid Class 3 California driver's license. Applicants who do not possess this license will be admitted to the examination but must secure the license prior to appointment.

and

Experience: Applicants must have logged at least 2,000 hours of pilot-in-command flying helicopters, which must include the following:

1. At least 500 hours of mountain pilot-in-command helicopter flight time, routinely making landings in mountainous terrain above 4,000 feet MSL.
2. At least 500 hours of turbine helicopter time as pilot-in-command.
3. 250 hours pilot-in-command of helicopters performing low level missions in fire control, map survey, power-line patrol, search and rescue, spray or seeding operations over mountain or forested or comparable military operations.
4. At least 100 hours as pilot-in-command in helicopters carrying sling loads.
5. At least 50 hours as pilot-in-command in helicopters in the past year.

INDIVIDUAL PROFESSIONAL TRAINING - FORESTRY PILOT (HELICOPTER)

| Course | | | Participant Time Frames | | | Prerequisites | Notes |
|--------|-------|----------|-------------------------|-------------|-----------|---------------|-------|
| Title | Hours | Location | When | Requirement | Frequency | | |

JOB REQUIRED

Job Required Within First Year - Forestry Pilot (Helicopter)

| | | | | | | | |
|--|----|----------------|--|--|----------------------------------|-----------------------------------|--------|
| First Responder Operations -Haz-Mat | 16 | Unit | Prior to response to HAZ-MAT incident | Mandated - SARA Title III | Annual - 8 hour | None | (*) |
| Firefighter 1 - Basic | 67 | Unit | Within 1 year of initial hire | CDF Policy | One time training | None | (*) |
| EEO/Workplace Free of Discrimination/Sexual Harassment | 8 | Academy, Unit | 8 hrs during initial year of employment | CDF Policy | 4 hours every 2 years thereafter | None | (*) |
| I-100 Introduction To ICS | 2 | Unit | Within 1 year of initial hire | CDF Policy | One time training | None | (*) |
| I-200 Basic ICS | 12 | Region/Unit | Required prior to filling any ICS position | CDF Policy | One time training | None | (*) |
| Wildland Firefighter Survival -CDF | 8 | Region/Unit | Within 1 year of initial hire | CDF Policy | One time training | None | (*) |
| Defensive Drivers Training | 4 | Unit/Station | Unit Option | SAM - Required for frequent operation of any vehicle on state business | 4 hours every 4 years | Valid California Driver's license | |
| Helitack Training - CDF | 32 | Region/Unit | Prior to first fire season | CDF Policy | One time training | None | |
| New Pilot Transition | 40 | Aviation Mgmt. | Upon Appointment | CDF Policy 8300 Handbook | One time training | None | (*)(1) |
| Annual Recurrent Training, Interagency Checkride & FAA Flight Review | 24 | Aviation Mgmt. | Prior to fire season | FAA/CDF Policy 8300 Handbook | Annual | None | (*)(2) |
| Refresher Emergency Procedures Training | 4 | Region/Unit | Every 90 days | CDF Policy 8300 Handbook | Every 90 days | None | (*)(3) |
| Monthly Refresher Training | 1 | Unit | Monthly | CDF Policy 8300 Handbook | Every 30 days | None | (*)(4) |

218.00 Total Hours Job Required Within First Year - Forestry Pilot (Helicopter)

| Course | | | Participant Time Frames | | | Prerequisites | Notes |
|--------|-------|----------|-------------------------|-------------|-----------|---------------|-------|
| Title | Hours | Location | When | Requirement | Frequency | | |

Job Required Within Second Year - Forestry Pilot (Helicopter)

| | | | | | | | |
|---|---|-------------|--------------|--------------------------|---------------|------|--------|
| Refresher Emergency Procedures Training | 4 | Region/Unit | Ever 90 days | CDF Policy 8300 Handbook | Every 90 days | None | (*)(3) |
| Monthly Refresher Training | 1 | Unit | Monthly | CDF Policy 8300 Handbook | Every 30 days | None | (*)(4) |

77.00 Total Hours Job Required Within Second Year - Forestry Pilot (Helicopter)

Job Required Within Third Year - Forestry Pilot (Helicopter)

| | | | | | | | |
|---|---|-------------|--------------|--------------------------|---------------|------|--------|
| Refresher Emergency Procedures Training | 4 | Region/Unit | Ever 90 days | CDF Policy 8300 Handbook | Every 90 days | None | (*)(3) |
| Monthly Refresher Training | 1 | Unit | Monthly | CDF Policy 8300 Handbook | Every 30 days | None | (*)(4) |

45.00 Total Hours Job Required Within Third Year - Forestry Pilot (Helicopter)

Job Required Within Fourth Year - Forestry Pilot (Helicopter)

| | | | | | | | |
|---|---|-------------|----------------------|--|-----------------------|-----------------------------|--------|
| Defensive Drivers Training | 4 | Unit | Within first 4 years | SAM - Required for frequent operation of any vehicle on state business | 4 hours every 4 years | California Driver's License | |
| Refresher Emergency Procedures Training | 4 | Region/Unit | Ever 90 days | CDF Policy 8300 Handbook | Every 90 days | None | (*)(3) |
| Monthly Refresher Training | 1 | Unit | Monthly | CDF Policy 8300 Handbook | Every 30 days | None | (*)(4) |

9.00 Total Hours Job Required Within Fourth Year - Forestry Pilot (Helicopter)

| Course | | | Participant Time Frames | | | Prerequisites | Notes |
|--------|-------|----------|-------------------------|-------------|-----------|---------------|-------|
| Title | Hours | Location | When | Requirement | Frequency | | |

JOB ENHANCEMENT

| | | | | | | | |
|---|-----|---------------------------|-----------------------------------|--------------------------|-------------------|--|-----|
| S-290 Intermediate Wildland Fire Behavior | 40 | Region/Unit | Prior to third year of employment | CDF Policy 8300 Handbook | One time training | Basic Engine Operation-(BFEO) or Basic Fire Control-Firefighter Module | (*) |
| Air Attack Management - CDF | 72 | Redding AAB Mather AAB | Within 2 years of initial hire | CDF Policy | One time training | Basic ICS (I-200/220), Basic Fire Control, S-290 Intermediate Wildland Fire Behavior, Strike Team Leader (I-330, I-333, 334, or 335) | |
| First Responder Medical - CDF | 46 | Unit | | | | Public Safety - CPR | |
| Sudden Infant Death Syndrome | [1] | Unit | | | | | |
| Elderly Abuse W&I 15630 | [1] | Unit | | | | | |
| Communicable Disease Awareness | 4 | Unit | | | | | |
| Public Safety CPR - CDF | 8 | Unit | | | | | |

| Course | | | Participant Time Frames | | | Prerequisites | Notes |
|---|-------|-------------------|--|--|--------------------------|--|-------|
| Title | Hours | Location | When | Requirement | Frequency | | |
| Basic Fire Academy BFC 1 A Orientation/basic admin | 44 | CDF Academy | | SPB Job specification | One time training | Hazmat 1 st responder; CDF FFI basic | (*) |
| I-200 Basic ICS | [12] | CDF Academy | Required prior to filling any ICS position | CDF Policy | One time training | None | |
| EEO/Sexual Harassment | [2] | Academy, Unit | 2 hr upon appointment | CDF Policy Mandated | 4 hours annually | None | (*) |
| Basic Fire Academy BFC 1B Fire fighting skills | 126 | CDF Academy | | | One time training | Hazmat 1 st responder; CDF FFI basic | (*) |
| Self Contained Breathing Apparatus (SCBA) | [3] | CDF Academy | Prior to response | Mandated CCR Title 8 Section 3401 (b) (1) | Annual evaluation | None | |
| Confined Space | [40] | CDF Academy | Prior to response | Mandated CCR Title 8 Section 5157 | Annual hands on drill | None | |
| Basic Fire Academy BFC 2A Driver Operator training | 133.5 | CDF Academy | | | One time training | Class B license; CDF FFI basic; CPR and Public Safety 1 st Aid | (*) |
| Defensive Driver | [4] | CDF Academy | Prior to response | SAM Required for frequent operation of any vehicle on state business | 4 hours every 4 years | CA Driver's license | |
| Basic Fire Academy BFC 2B Skills Application | 131 | CDF Academy | | | One time training | BFC 1A, 1B, and 2A | (*) |
| Intermediate Wildland Behavior S290 | [32] | CDF Academy | Within initial training | Required | One time training | | |
| Wildland Firefighter Survival | [8] | CDF Academy | Within one year of hire | CDF Policy | One time training | None | |
| Fire Investigation 1A - CFSTES | 36 | CSFM/ Region | | | | | |
| Fire Instructor 1 - Certified CFSTES | 80 | Region/Unit | | | | | |
| Incident Management 2 – CDF | 36 | Region/Unit | | | | Incident Management 1 | |
| CFI Refresher Course | 16 | Unit | | | | CFI certificate | |
| CDF Pilot Trainer | 3 | Aviation Mgmt. | | | | CFI certificate | (5) |

| Course | | | Participant Time Frames | | | Prerequisites | Notes |
|----------------------------------|-------|-----------------------|-------------------------|-------------|-----------|---------------|-------|
| Title | Hours | Location | When | Requirement | Frequency | | |
| Call-When-Needed Pilot Inspector | 32 | Aviation Mgmt. (USFS) | | | | | |

- NOTES:
- (*) = New Department policy
 - (----) = Subject Area Taught in the Course Listed Above
 - (1) = 10 Hours Flight 30 Hours Ground School
 - (2) = 4 hours Flight 20 Hours Ground School
 - (3) = 1 hour Flight 3 Hours Ground School
 - (4) = 1 hour Flight
 - (5) = 1 Hour Flight 2 Hours Ground School

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