

## CHAPTER 30

### CREWS

#### CREW STANDARDS FOR NATIONAL MOBILIZATION

Three types of crews exist for national or interagency assignments: Type 1, Type 2, and Type 2 with Initial Attack (IA) capability.

For a detailed description of minimum crew standards see the [Interagency Standards for Fire and Fire Aviation Operations \(NFES 2724\)](#).

#### TYPE 1 INTERAGENCY HOTSHOT CREWS (IHCS)

Interagency Hotshot Crews (IHCs) must obtain appropriate federal or state agency sponsorship and receive a recommendation from their respective Geographic Area Coordinating Group for inclusion in the national interagency mobilization system. NICC will maintain the availability status of Type 1 IHCs but will not recognize internal Geographic Area rotations of these crews.

Type 1 IHCs that attempt to transport chain saws on aircraft other than NIFC contract jets must be prepared to ship their chain saws by an alternative method if the carrier refuses to load them. Type 1 IHCs normally deploy with hand tools; however, air transport may occasionally prevent those tools from arriving with the crew. If hand tools are needed, the receiving unit must order them separately as supply items.

When Type 1 IHCs are transported by aircraft, the receiving unit should be prepared to provide the following:

- Crew transportation.
- Vehicle to transport saws, fuel, and hand tools separate from crew transportation.
- Firing equipment (minimum two cases of fuses).
- Chain saws (four kits).
- Saw fuel (ten gallons, unmixed).
- Bar oil (five gallons).

Interagency Hotshot Crews (IHC) meet or exceed all standards found in the [Standards for Interagency Hotshot Crew Operations \(SIHCO\)](#).

A complete list of all Type 1 Interagency Hotshot Crews can be found at the [Interagency Hotshot Crews-Contact](#) website.

#### Interagency Hotshot Crews as T2IA, T2 or Suppression Modules

When Interagency Hotshot Crews do not meet the crew standards identified in the [Interagency Standards for Fire and Fire Aviation Operations \(NFES 2724\)](#) they may still be dispatched as a T2IA, T2 Crew, or Suppression Module provided they meet those standards. The active crew qualification in IROC should reflect the standard (T1, T2IA, or T2) the crew meets. Do not create a new crew resource item with the other qualification(s); update the active qualification appropriately. When an IHC falls below the crew standards, an Overhead Group - Suppression Module resource item should be created in IROC.

Crew Qualification and Operational Naming Conventions will reflect according to standard:

- CRW1 – Kern Valley IHC
- CR2I – Kern Valley IHC
- CRW2 – Kern Valley IHC

Suppression Module Qualification (Overhead Group) and Operational Naming Convention:

- SMOD – Kern Valley IHC

## **TYPE 2 AND TYPE 2 IA CREWS**

Crews will be ordered as Type 2 or Type 2 IA. Standard crew size is twenty (20) people maximum and eighteen (18) people minimum (including Crew Boss and trainees). In addition to the Type 2 minimum standards, Type 2 IA Crews can be broken up into squads and have three (3) qualified sawyers.

Type 2 and Type 2 IA Crews may or may not come equipped with hand tools and chain saws. Crews attempting to transport chain saws on other than NIFC contract jets should be prepared to ship their chain saws via an alternative method should loading be refused.

Sending units will inspect and weigh all equipment at time of mobilization to ensure adherence to safe transportation procedures.

Units sending Type 2 and Type 2 IA Crews will determine the ratio of crews to Crew Representatives (CREP) needed for a given assignment. Depending on the assignment, ratios of 1:1 to 1:4 may be appropriate. These responsibilities can be met by an Interagency Resource Representative (IARR) as well.

A CREP assigned to a Type 2 or Type 2 IA Crew will remain with the crew from initial dispatch until the crew is released to its home unit. CREPs are not required for agency regular crews.

All crew personnel mobilized and demobilized outside the local unit through NICC will be listed on a crew manifest form. Crew weights will be manifested separate from personal gear and equipment weights. The crew supervisor or CREP will ensure compliance with weight limitations.

## **U.S. FOREST SERVICE CONTRACT CREWS**

Type 2 contract crews and Type 2 Initial Attack contract crews must be ordered to a specific reporting location, identified by a physical address such as a designated incident, forest or district office, or other government-specified location.

### **Type 2IA Crews**

The U.S. Forest Service has contracted nationally for T2IA Crews National Contract Resources (NCR). National Contract Resources are hosted by local units (Host Unit Coordination Centers (HUCC) which are contractually required to utilize dispatch priorities when mobilizing crews, as outlined in section C.7 of the National Type-2IA Firefighter Crew Contract.

The contractor shall provide properly trained crews, consisting of 20 people. The crews are always required to have 20 crew members. However, the Government may allow the contractor to operate with no less than 18 crew members (see Section C.29.1 (b)).

Each crew shall be directly supervised on site by one Crew Boss (CRWB), and three (3) Incident Commander, Type 5 (ICT5) and must meet the language requirements in Section D.1.7 (f) (See

Exhibit D.7). The remaining crew members must meet all other minimum requirements listed in Tables D.2, D.3, and D.4 as applicable. All crew personnel must be trained and qualified with training records maintained in accordance with the *National Wildfire Coordinating Group (NWCG) Wildland Fire Qualification System Guide PMS 310-1*.

**Minimum Crew Requirements for Type 2IA Mobilization**

Standard	Minimum Requirement
Fire Line Capability	Initial attack; Crew can be broken up into Squads; fireline construction; firing to include burnout
Crew Size	18 – 20 Persons
Leadership Qualifications	1 CRWB and 3 ICT5
Experience	At Least 60% of the crew must have one season or more experience
Full Time Organized Crews	Mandatory Availability Period only, as required herein
Communications	4 Programmable Radios
Sawyers	3 qualified sawyers (FAL3, FAL2, FAL1) Minimum FAL3 qualification
Training (See Section D.1.5)	Basic firefighter training and or annual firefighter safety refresher
Fitness	Arduous
Maximum Crew Weight	5,300 lbs.
Dispatch Availability	Available during Mandatory Availability Period and/or per status in IROC
Production Factor	0.8 (reference Fireline Handbook 410-1)
Transportation	See Section D.1.8 for Ground Transportation and D.1.9 for Air Transportation
Tools & Equipment	Contractor Supplied (See Section D.1.3 and Table D.1)
Personal Gear	Contractor Supplied
PPE	Contractor Supplied (See Section D.1.7(e))

Copies of the generic Type 2IA crew contract are available at the *USFS Procurement & Property Services* website.

**Type 2 Crews**

The U.S. Forest Service has contracted nationally for Type 2 Crews. NICC is the sole provider for USFS Contracted Type 2 crews. NICC assigns Type 2 Crews based on a best value determination calculated at the time NICC receives the order.

The contractor shall provide properly trained crews, consisting of 20 people. The crews are always required to have 20 crew members. However, the Government may allow the contractor to operate with no less than 18 crew members (see Section C.25.1 (b)).

Each crew shall be directly supervised on site by one Crew Boss (CRWB), and three (3) FFT1/Squad Boss (and must meet the language requirements in Section D.1.7 (f). (See Exhibit D.7) The remaining crew members must meet all other minimum requirements listed in Tables D.2 and D.3 as applicable. All crew personnel must be trained and qualified with training records maintained in accordance with the *National Wildfire Coordinating Group (NWCG) Wildland Fire Qualification System Guide PMS 310-1*.

**Minimum Crew Requirements for Type 2 Mobilization**

Standard	Minimum Requirement
Fire Line Capability	Initial attack; fireline construction; firing to include bumout
Crew Size	18 – 20 Persons
Leadership Qualifications	1 CRWB and 3 FFT1/Squad Boss
Experience	At Least 20% of the crew must have one season or more experience
Communications	4 Programmable Radios
Sawyers	3 qualified sawyers Minimum FAL3 qualification
Training (See Section D.1.5)	Basic firefighter training and or annual firefighter safety refresher
Fitness	Arduous
Maximum Crew Weight	5,300 lbs.
Dispatch Availability	Per status in IROC
Production Factor	0.8 (reference Fireline Handbook 410-1)
Transportation	See Section D.1.2 for Ground Transportation and D.1.8 for Air Transportation
Tools & Equipment	Contractor Supplied (See Section D.1.3 and Table D.1)
Personal Gear	Contractor Supplied
PPE	Contractor Supplied (See Section D.1.7(e))

Copies of the generic Type 2 crew contract are available from the [USFS Procurement & Property Services](#) website.

### INTERAGENCY RESOURCE REPRESENTATIVE (IARR)

Anytime a Geographic Area or State has committed four or more crews, the sending unit can send an Interagency Resource Representative (IARR), or the receiving unit can request one. For each IARR sent, the sending GACC is responsible for mobilization, demobilization, and ensuring proper notification to the receiving GACC. An IARR mobilized to incident assignments away from their home unit should be self-sufficient.