CHAPTER 70

**EQUIPMENT/SUPPLIES**

National Incident Radio Support Cache (NIRSC)

For a complete listing of NIRSC telecommunications components, refer to the National Incident Radio Support Cache User’s Guide, NFES 000968, or the NWCG Fire Supplies and Equipment Catalog, Part 1, NFES 000362 (http://www.nwcg.gov/pms/pubs/catalog.htm).

National Contract Mobile Food Services and National Contract Mobile Shower Facilities

For a complete listing of the Schedule of Items and contract specifications for the National Mobile Food Service Contract and National Mobile Shower Facilities Contract, refer to the current National Contract Mobile Food Services publication, NFES 001276, and the National Contract Mobile Shower Facilities publication, NFES 002729. This information can also be found at the following web site: http://www.fs.fed.us/fire/contracting/

Fire/Project Remote Automatic Weather Stations, (IRAWS-NFES 005869/PRAWS-NFES 005870)

Approximately 50 IRAWS and 15 PRAWS are cached at the Remote Sensing Fire Weather Support Unit for response to wildland fires and other projects requiring environmental monitoring. For specific use and description, refer to the NWCG Fire Supplies and Equipment Catalog, Part 1, NFES 005869 and 005870. The availability of equipment and associated technician support depends on a variety of factors. Prior phone coordination with the National Interagency Fire Center Remote Weather/Fire Weather Support Unit (RSFWSU) at (208) 387-5726 is recommended.

Engines and Water Tenders

The table below lists the NWCG type minimum requirements for engines and water tenders. Please use these types when requesting engines and water tenders.

**Engine Types**

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | **Engine Type** | | | | | | | |
|  | **Structure** | | **Wildland** | | | | | |
| **Requirements** | **1** | **2** | | **3** | **4** | **5** | **6** | **7** |
| Tank minimum capacity (gal) | 300 | 300 | | 500 | 750 | 400 | 150 | 50 |
| Pump minimum flow (gpm) | 1000 | 500 | | 150 | 50 | 50 | 50 | 10 |
| @ rated pressure (psi) | 150 | 150 | | 250 | 100 | 100 | 100 | 100 |
| Hose 2½” | 1200 | 1000 | | - | - | - | - | - |
| 1½” | 500 | 500 | | 1000 | 300 | 300 | 300 | - |
| 1” | - | - | | 500 | 300 | 300 | 300 | 200 |
| Ladders **per NFPA 1901** | Yes | Yes | | - | - | - | - | - |
| Master stream 500 gpm min. | Yes | - | | - | - | - | - | - |
| Pump and roll | - | - | | Yes | Yes | Yes | Yes | Yes |
| Maximum GVWR (lbs) | - | - | | - | - | 26,000 | 19,500 | 14,000 |
| Personnel (min) | 4 | 3 | | 3 | 2 | 2 | 2 | 2 |

**Water Tender Types**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
|  | **Water Tender Type** | | | | |
|  | **Support** | | | **Tactical** | |
| **Requirements** | **S1** | **S2** | **S3** | **T1** | **T2** |
| Tank capacity (gal) | 4000 | 2500 | 1000 | 2000 | 1000 |
| Pump minimum flow (gpm) | 300 | 200 | 200 | 250 | 250 |
| @ rated pressure (psi) | 50 | 50 | 50 | 150 | 150 |
| Max. refill time (minutes) | 30 | 20 | 15 | - | - |
| Pump and roll | - | - | - | Yes | Yes |
| Personnel (min) | 1 | 1 | 1 | 2 | 2 |

1. All types shall meet federal, state and agency requirements for motor vehicle safety standards, including all gross vehicle weight ratings when fully loaded.

2. Type 3 engines and tactical water tenders shall be equipped with a foam proportioner system.

3. All water tenders and engine types 3 through 6 shall be able to prime and pump water from a 10 foot lift.

4. Personnel shall meet the qualification requirements of NWCG *Wildland Fire Qualification System Guide,* PMS 310-1.

**Common Additional Needs – Request as Needed**

- All Wheel Drive (includes four wheel drive)

- High pressure pump (250 psi at one half flow of Type)

- Foam Proportioner

- Compressed Air Foam System (CAFS) with minimum 40 cfm Compressor

- Additional Personnel