

## 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**

Requirements	Engine Type						
	Structure		Wildland				
	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 <b>per NFPA 1901</b>	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**

Requirements	Water Tender Type				
	Support			Tactical	
	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 1. All types shall meet federal, state and agency requirements for motor vehicle safety standards, including all gross
- 2 vehicle weight ratings when fully loaded.
- 3 2. Type 3 engines and tactical water tenders shall be equipped with a foam proportioner system.
- 4 3. All water tenders and engine types 3 through 6 shall be able to prime and pump water from a 10 foot lift.
- 5 4. Personnel shall meet the qualification requirements of *NWCG Wildland Fire Qualification System Guide*, PMS
- 6 310-1.

**Common Additional Needs – Request as Needed**

- 9 - All Wheel Drive (includes four wheel drive)
- 10 - High pressure pump (250 psi at one half flow of Type)
- 11 - Foam Proportioner
- 12 - Compressed Air Foam System (CAFS) with minimum 40 cfm Compressor
- 13 - Additional Personnel

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