



1 EACC will be responsible for backfill of committed systems. During high levels  
2 of national activity, NICC will direct EACC to ship system(s) to out-of-area  
3 incident(s) and backfill will not be necessary.

4  
5 **All radio kits must be ordered as Supply requests through normal dispatch**  
6 **channels to the Eastern Area Coordination Center for processing.**

7  
8 **NATIONAL CONTRACT MOBILE FOOD SERVICE AND NATIONAL**  
9 **CONTRACT MOBILE SHOWER FACILITIES (See NMG, Ch. 70)**

10  
11 This information can also be found at the following web site

12 <http://www.fs.fed.us/fire/contracting>.

13  
14 **PORTABLE/MOBILE RETARDANT MIXING BASES**

15  
16 Portable retardant bases are suitable for helicopter use at close proximity to the  
17 fire or at an airport that does not have an airtanker base.

18  
19 Portable units are available through Basic Ordering Agreements (BOA) for  
20 mobile retardant bases and are ordered directly from the companies currently  
21 under Agreement. For current vendors, reference the Long-Term Fire Retardant  
22 Requirement contract-Pink Book at:

23 <http://www.fs.fed.us/fire/contracting/retardant/retardant.htm>

24  
25 Order the appropriate retardant base and type of retardant depending on need,  
26 airtanker or helicopter. If the need is for helicopter operations, determine if a  
27 bucket or fixed tank will be used and order the appropriate qualified/approved  
28 chemical. Check with aircraft personnel for the type of product generally used in  
29 your area. Due to corrosion problems, only certain products are approved.  
30 Check for approved wildland retardants on the qualified products source list.  
31 Products are limited from fixed tank helicopters.

32  
33 ROSS procedure; Resource requests for portable retardant plants are ordered  
34 via ROSS as Equipment, All Retardant Plant, portable. Portable retardant plants  
35 are not typically entered in ROSS as resource items. When ordering directly  
36 from the National vendors, use FILL BY Agreement utilizing the current National  
37 Contract.

1 **INFRARED DEVICES**

2

3 There are several types of infrared devices available within the interagency fire  
4 system that are used for locating hot areas on wildfires. These may be ordered  
5 through EACC from the Northeast Interagency Fire Cache.

6

7 **INCIDENT / PROJECT REMOTE AUTOMATIC WEATHER STATIONS,**  
8 **(IRAWS- NFES #5869 / PRAWS-NFES #5870) (See NMG Ch. 70)**

## ENGINES AND WATER TENDERS

The table below lists the NWCG type standards for engines and water tenders. Please use this typing when requesting engines and water tenders.

### NWCG Engine Types

COMPONENTS	STRUCTURE ENGINES		WILDLAND ENGINES				
	1	2	3	4	5	6	7
<b>Pump Rating</b>							
minimum flow (gpm)	1000+	250+	150	50	50	30	10
at rated pressure (psi)	150	150	250	100	100	100	100
<b>Tank Capacity Range (gal)</b>	400+	400+	500+	750+	400-750	150-400	50-200
<b>Hose (feet)</b>							
2.5 inch	1200	1000	–	–	–	–	–
1.5 inch	400	500	500	300	300	300	–
1 inch	–	–	500	300	300	300	200
<b>Ladders</b>	48'	48'	–	–	–	–	–
<b>Master Stream (GPM)</b>	500	–	–	–	–	–	–
<b>Personnel (minimum)</b>	4	3	3	2	2	2	2

### Common Additional Needs – Request as needed:

- All-Wheel Drive
- Pump & Roll
- High Pressure Pump (minimum 40 gpm @ 250 psi)
- Class A Foam proportioner
- Compressed Air Foam System (CAFS) (with minimum 40 cfm compressor)
- Additional Personnel

Engine personnel (Engine boss, engine operators & firefighters) should be mobilized as part of the equipment configuration & roster, not as separate Overhead requests. Engine crew replacement and swaps should be ordered by the Receiving unit as an ROSS Subordinate request under the original Equipment request.

**NWCG Water Tender Types\*\***

COMPONENTS	WATER TENDER TYPES		
	1	2	3
Tank Capacity (gallons)	5000+	2500+	1000+
Pump Capacity (GPM) *	300+	200+	200+
Off Load Capacity (GPM)	300+	200+	200+
Max Refill Time (minutes)	30	20	15

\*Portable Pump Acceptable

\*\* Drivers are mobilized as part of the water tender equipment – use a Support Request tied to the original Equipment request.

**DOZERS AND TRACTOR PLOWS**

The table below lists the NWCG type standards for dozers and tractor plows. Please use this typing when requesting dozers and tractor plows. Operators & transport are mobilized as part of the equipment order– use a Support Request tied to the original Equipment request.

**NWCG Dozer Types**

	DOZER TYPES		
	1	2	3
Horsepower	HEAVY 200 min hp	MEDIUM 100 min hp	LIGHT 50 min hp
Examples	D-8H, D-7H, JD-850	D-5H, JD-650	D-46, JD-550, D-3

**NWCG Tractor Plow Types**

	TRACTOR PLOW TYPES					
	1	2	3	4	5	6
Horsepower	165 hp	140 hp	120 hp	90 hp	70-80 hp	42-60 hp
Examples	D-7, JD-850, TD-20 & larger	D-6, JD-750, TD-15, Case 1450	D5H, D4H, TD-12, Case 1150	D-4, JD-650, TD-9, D5C	JD-450, D4C, TD-8	JD-350, D3, JD-400, TD-7

**EASTERN AREA FIRE CACHE SUPPORT VANS / TRAILERS****NORTHEAST FIRE CACHE VAN INVENTORY**

QTY	UNIT OF ISSUE	NFES#	DESCRIPTION
40	EA	0010	REDUCER, 1 1/2" NH-F x 1 " NPSH-M
4	BX	0021	BAG, GARBAGE CAN LINER, PLASTIC, 30 GL, 39" X 33"
50	EA	0022	BAG, sleeping, cloth, washable, 3 lb fill
120	PG	0030	BATTERY, SIZE AA 1.5 VOLT PENLIGHT
12	PG	0033	BATTERY, SIZE D, 1.5 VOLT ALKALINE GENERAL PURPOSE
100	EA	0037	CANTEEN, 1 QT (.9L), PLASTIC, DISPOSABLE, W/O COVER
3	BX	0048	CONTAINER, 5 GL (18.9), PLASTIC, COLLAPSIBLE, W / OVERPACK
6	EA	0070	FLY, PLASTIC TENT, 16' X 24' W/10 GUY ROPES
12	EA	0077	TENT, 2 PERSON
1	EA	0082	POLE, RIDGE, FOR 10' X 12' TENT
30	EA	0083	POLE, UPRIGHT ADJUSTABLE
2	EA	0084	TENT, WALL, 14' X 16', W/O POLES
4	EA	0089	POLE, RIDGE, 16'
2	BX	0105	FUSEE, SIGNAL DEVICE, HAND
20	EA	0109	HELMET, SAFETY, PLASTIC W/ CHIN STRAP
10	KT	0126	KIT, WASH, ASSEMBLY
40	EA	0138	NOZZLE, plastic, 1"NPSH-F
1	BX	0142	PAPER, TOILET
4	RO	0144	SHEETING, PLASTIC, BLACK, 20' X 100'
40	EA	0146	PULASKI, W/ PLASTIC SHEATH
60	EA	0925	SHELTER, FIRE, W/ CASE AND POLYETHYLENE LINER
40	EA	0171	SHOVEL, W/ PLASTIC SHEATH, SIZE #1
36	RO	0222	TAPE, filament, 1' x 60 YD
1	EA	0223	TENT, WALL, 10' X 12', W/O POLES
40	EA	0231	VALVE, wyes, gated, 1 1/2" NH-F x 1 1/2" NH-M x 1 1/2" NH-M
1	BX	0240	TOWEL, PAPER, TWO PLY, ROLL
6	EA	0241	TORCH, DRIP, 1 1/4 GL (4.7 L) CAPACITY
8	PD	0250	PAPER, EASEL, 27" X 34"
10	EA	0259	VALVE, wyes, gated, 1"NPSH-F x 1"NPSH-M x 1"NPSH-M
12	RO	0264	RIBBON, FLAGGING, WHITE, 1" WIDE
12	RO	0278	RIBBON, FLAGGING, YELLOW, 1"WIDE
5	EA	0307	EXTINGUISHER, FIRE, 20A: 120BC, 20 LBS.
50	PR	0318	GOGGLES, CLEAR LENS, UVEX STEALTH MODEL ANSI Z87.1
5	EA	0319	EXTINGUISHER, FIRE, DRY CHEMICAL, RATING 60-B: C, 10 LB (4.5 L)
1	KT	0320	KIT, INCIDENT BASE MAINTENANCE
4	KT	0340	KIT, CHAIN SAW
48	QT	0341	OIL, 2 CYCLE
2	BK	0362	CATALOG, NWCG NFES PART 1 AND 2, (2008)
1	KT	0390	KIT, FINANCE SECTION
1	KT	0480	KIT, COFFEE HEATING
1	KT	0520	KIT, HELICOPTER SUPPORT
2	EA	0532	SCALES, SPRING, 200 LB.

1	SL	0533	CORD, NYLON SHROUD
6	EA	0557	CHEST, ICE, 48 QT
9	RO	0566	RIBBON, FLAGGING, "ESCAPE ROUTE", 1" X 100 YDS
5	EA	0570	SHIRT, FIRE, XX - LARGE
3	EA	0576	FLIGHT SUIT, CHEST SIZE 46, INSEAM 30 1/2" ®
10	EA	0577	SHIRT, FIRE, SMALL
20	EA	0578	SHIRT, FIRE, MEDIUM
20	EA	0579	SHIRT, FIRE, LARGE
10	EA	0580	SHIRT, FIRE, X - LARGE
1	EA	0586	LADDER, STEP, 8ft, fiberglass
2	EA	0598	HANDTRUCK, W/ LARGE WHEELS
6	EA	0606	CAN, GASOLINE, SAFETY, 5 GL, DOT APPROVED STYLE JERRI CAN
1	KT	0650	KIT, EVACUATION, S.K.E.D.
1	EA	0664	TANK, FOLDING, 1500 GL (5678.1 L), W/ FRAME
20	EA	0667	HEADLAMP, FIREFIGHTERS
2	EA	0692	BERM, CONTAINMENT, 55 GL, (1-4 DRUMS)
2	EA	0709	GENERATOR, GASOLINE ENGINE, 3 - 6 KW, W/ GROUNDING ROD
10	EA	0744	PACKSACK, WATERPROOF, W/ STRAPS
1	KT	0760	KIT, OFFICE SUPPLIES, INCIDENT BASE
2	KT	0772	KIT, MOP-UP, LATERAL LINE, 3 - WAND
1	KT	0800	KIT, PLANNING SECTION
90	EA	0825	STAKES, TENT, METAL
6	KT	0870	KIT, PUMP, FIRE, PORTABLE (MARK III)
1	KT	0910	KIT, LOGISTICS SECTION
6	EA	0943	JUG, INSULATED, 5 GL (18.9 L)
1	KT	0970	KIT, SECURITY FENCE
20	LG	1016	HOSE, GARDEN, SYNTHETIC, 3/4" NH X 50'
1	KT	1031	KIT, SIGN, INCIDENT BASE
48	EA	1034	HOLDER, RADIO BATTREY, FOR 9 EACH AA ALKALINE
2	BX	1038	TOWEL, bath, disposable, 24' x 36"
1	KT	1040	KIT, CRASH RESCUE
50	EA	1062	BAG, SLEEPING, FIREFIGHTERS, 36" X 86"
6	KT	1143	KIT, FIRST AID, 20 - 25 PERSON, BELT TYPE
4	PL	1145	FOAM CONCENTRATE, CLASS A, 5 GL, LIQUID, (18.9 L)/PAIL
30	EA	1149	PUMP, BACKPACK, OUTFIT, 5 1/2" X 15 1/2" X 19", MANUALLY
3	PR	1225	GLOVES, FLIGHT, SIZE 10
3	EA	1269	BAG, FLIGHT HELMET
10	PR	1294	GLOVES, LEATHER, FOREST WORKER, SMALL, NFPA COMPLIANCE
20	PR	1295	GLOVES, LEATHER, FOREST WORKER, MEDIUM, NFPA COMPLIANCE
30	PR	1296	GLOVES, LEATHER, FOREST WORKER, LARGE, NFPA COMPLIANCE
30	PR	1297	GLOVES, LEATHER, FOREST WORKER, X-LARGE, NFPA COMPLIANCE
2	EA	1343	CAN, GARBAGE, W/O LID, METAL, 32 GL (121.1 L)
2	EA	1352	SORTER, CARD, "T"
2	EA	1368	LID, METAL GARBAGE CAN, 32 GL (121.1 L)
1	SH	1374	FORM, ICS-215-WS, OPERATIONAL PLANNING WORKSHEET, (9/86), 36" X 64"
100	EA	1566	PAD, SLEEPING, 3/8" X 23" X 75", ETHALENE VINYL ACETATE FOAM
1	KT	1760	KIT, FIRST AID, 100-PERSON
10	EA	1814	COMPASS, SMOKE CHASER

8	BX	1842	FOOD, MEALS READY TO EAT (MRE'S)
40	LG	1873	HOSE, SYNTHETIC WEEPING, 1" NPSH X100'
20	EA	2047	CHAIR, FOLDING, METAL
1	EA	2139	DISPENSER, filament tape
3	EA	2315	HELMET, FLIGHT, SPH-5C, X - LARGE
12	RO	2396	RIBBON, FLAGGING CHARTREUSE FLOURESCENT, 1" WIDE
12	RO	2398	RIBBON, FLAGGING ORANGE FLOURESCENT, 1" WIDE
6	EA	2501	LANTERN, CAMP, ELECTRIC, FLOURESCENT
10	EA	2698	TABLE, FOLDING, 6' X 8'
5	PR	2701	JEAN, FLAME RESISTANT, BDU, 28" - 32" X 34" INSEAM
10	PR	2703	JEAN, FLAME RESISTANT, BDU, 32" - 36" X 34" INSEAM
10	PR	2704	JEAN, FLAME RESISTANT, BDU, 34" - 38" X 34" INSEAM
5	PR	2705	JEAN, FLAME RESISTANT, BDU, 36" - 40" X 34" INSEAM
5	PR	2707	JEAN, FLAME RESISTANT, BDU, 40" - 44" X 34" INSEAM
5	PR	2801	JEAN, FLAME RESISTANT, BDU, 28" - 32" X 30" INSEAM
10	PR	2802	JEAN, FLAME RESISTANT, BDU, 30" - 34" X 30" INSEAM
10	PR	2804	JEAN, FLAME RESISTANT, BDU, 34" - 38" X 30" INSEAM
5	PR	2805	JEAN, FLAME RESISTANT, BDU, 36" - 40" X 34" INSEAM
5	PR	2807	JEAN, FLAME RESISTANT, BDU, 40" - 44" X 30" INSEAM
10	BX	3007	LIGHTSTICK, chemical, 12 hour, red
10	BX	3009	LIGHTSTICK, chemical, 12 hour, green
10	BX	3012	LIGHTSTICK, chemical, 12 hour, yellow
2	EA	3161	EASEL, DISPLAY, 27" X 36" W/ FOLDING LEGS
2	KT	6051	KIT, LIGHTING, MULTI-LIGHT CORD
2	EA	7078	PLYWOOD, 4' X 8' X 1/2" SHEET
10	EA	7046	TRAFFIC CONE, ORANGE
8	EA	7065	LUMBER, 2" X 4" X 8'
7	KT	8617	KIT, HELICOPTER, LEADLINE, NET, SWIVEL
2	EA	9411	RECEIVER, GPS, GARMIN HANDHELD
2	KT	8616	KIT, FOAM, AROUND PUMP (IN BOX)
1	BX	8620	KIT, LONGLINE, W/ REMOTE HOOK. (MN STD)
12	BX	8618	HOSE, SYN WEEPING 1 1/2" X 400' IN BOX
12	BX	8619	HOSE, SYN WEEPING 400' IN NYLON PACK
10	EA	7064	LUMBER, 2" X 2" X 8' (FOR HELIBASE)
1	EA	7651	PUMP, TIRE (FOR BASE UNITS)
6	EA	8814	SIGN, fire information, magnetic, 12' x 15"
5	KT	1660	CONTAGIOUS DISEASE BARRIER, INDIVIDUAL
1	KT	1675	CONTAGIOUS DISEASE BARRIER, MULTI-PERSON

**HIAWATHA NATIONAL FOREST 40 PERSON CACHE VAN INVENTORY**

<b>Description</b>	<b>NFES #</b>	<b>MINIMUM</b>	<b>ACTUAL</b>
Axe, Single bit, 24"	352	0	19
Bag, Duffle	1071	0	16
Bag, Sleeping, 3lb. fill	22	0	13
Bag, Flight Helmet	1269	0	0
Battery D Cell	29	0	0
Battery 6 volt	31	0	0
Battery Size AA	30	0	0
Battery, King Radio	1520	0	0
Back Pack Board		0	2
Brush, Wire		0	1
Can Fuel 5gal. Jeep Type	36	0	3
Canteen 1qt,Covers		12	99
Canteen 1qt, Disposable Type W/Cover	38	20	48
Canteen 2qt W/Strap	41	5	26
Canteen 4qt W/Strap	1063	5	18
Chainsaw chain (Stihl)			1
Chain, Loggers, (3/8 x 75')			1
Chainsaw, bar, Stihl, 18"			1
Chainsaw, oil cap			1
Chainsaw, Wrench			4
Chemical, Wetting Agent Gallons	1329	4	8 GL
Clamp, Hose Shut-Off	46	5	5
Clock, Alarm		1	1
Cooler,5Gal [igloo]	6006		0
Coleman Lantern, Gas Type		1	2
Coleman,Stove,3,Burner,Type		1	1
Cooler Chest Type		3	3
Coveralls, Nomex, Orange		5	2
Coveralls, Nomex, Green		0	4
Cubitainers			45
Earplugs, Foam, Type	1027	1	50 PG
Extension cord, 50ft	563	1	2
Extinguisher, Fire 10lb	319	2	2
Extinguisher, Fire 20lb		1	3
Files, Chain Saw 7/32		0	9
Files,Flat,10" Mill, Bastard	60	10	13
Flagging, Rolls, Orange, Yellow, Blue		0	34
Fluids, Purging, 16oz. Can	700	0	18
Foam			55 GL
Fusee, Fire Starter, 10min	105	0	144
Funnel, Plastic, [sm]		0	1
Fire Line Marker Ribbon		0	1
Gloves Forest Worker [sm]	1186	10	20
Gloves Forest Worker [med]	1187	10	40
Gloves Forest Worker [large]	1188	10	40

Gloves Forest Worker [x-large]	1189	10	70
Goggles Sand/ Wind/Dust	1024	12	38
Goggles, Safety			7
Grease Gun [sm]		0	1
Hammer, Claw		0	2
Headlamp, AA		25	17
Helicopter Support Kit		0	1
Helmet, Safety, Red/yellow	109	10	10 EA
Holder, T-Card		0	3
Hood, Nomex		0	13
Hose, Garden [3/4 " x50']	239	0	10
Hose, Garden, Collapsible, (3/4 x 50)	1069	5	43
Hose, Linen, Unlined [1x100']	111	5	60
Hose, Linen, Unlined[1x1/2" x100' ]	112	5	53
Pants, Fire, Size 32 (old style)		0	2
Pants, Fire, Size 34 (old style)		0	3
Pants, Fire, Size 36 (old style)		0	5
Pants, Fire, 28x30x34		0	2
Pants, Fire, 28x32x30		5	8
Pants, Fire, 28x32x34		5	15
Pants, Fire, 30x34x30		5	9
Pants, Fire, 30x34x34		5	16
Pants, Fire, 32x36x30		5	12
Pants, Fire, 32x36x34		5	14
Pants, Fire, 34x38x30		5	15
Pants, Fire, 34x38x34		5	7
Pants, Fire, 36x40x34		5	10
Pants, Fire, 38x42x30		5	0
Pants, Fire, 38x42x34		5	3
Kit, Chain Saw SN-231657060	Stihl	1	1
Kit Chain Saw SN- 231717790	Stihl	1	1
Kit Chain Saw SN-231717832	Stihl	1	1
Kit Crash and Rescue	1040	1	1
Kit Helicopter Support	520	1	3
Kit First Aid Pocket Size	67	10	25
Kit 10 person First Aid	1143	2	13
Expiration items purchase locally as needed			
Kit Mop Up 6 PERSON	730	1	3 KT
Kit Mark III SN- 77-418		0	1
Kit Mark III Sn-76-149		0	1
Kit Mark III SN-84-19160		0	1
Kit Mark 26 SN-94-y-3213		0	1
Mark III Heads and Gaskets		0	4
6 Volt Lantern w/o Batteries	127	2	10
McLeod 11" Wide	296	0	27
McLeod Guards Plastic Type		0	45
Message Dropper Aircraft	284	2	9
Nozzle Plastic 1" Adjustable	138	2	10

Nozzle Plastic 1 1/2' Adjustable	137	2	41
Nozzle Straight Stream w/3 Tips	1282	2	18
Oil Husqavarna 50:1 Mix		0	18
Oil Stihl 2cyl.		0	18
Oil Shell 30 SAE		0	8
Oil Pennzoil 50-1 Mix		0	12
Pack, Field, Firefighter (yellow)	1372	5	20
Packsack (for yellow web gear)		5	18
Pack, Field, Military Web Gear		6	12
Packsack, Waterproof w/straps	744	0	9
Pack, Personal Gear	1855		18
Pad, Sleeping, Grey	1566		50
Pail, Collapsible, Canvas	141	0	15
Pliers			2
Pliers, Vise grip			1
Primer, Hand, Mark III	145	0	3
Pressure Gauge Western type			1
Pulaski	146	10	30
Pulaski, guard, plastic			9
Pump, Backpack	1149	5	17
Radio, Harness		0	5
Rake, Fire, (Council Tool)	1807	10	30
Rope Spool			1
Repellent, Insect	154	0	25
Sheeting, Plastic, Clear, 10' x 100'	143	0	1
Shelter, Forest Fire w/pouch	169	10	66
Shelter, Plastic, Liners			54
Shirt, Fire Resistant (small)	577	0	10
Shirt, Fire Resistant (medium)	578	5	45
Shirt, Fire Resistant (large)	579	5	30
Shirt, Fire Resistant (x-large)	580	0	20
Shovel, #1 NFES	171	10	40
Shovel, guard plastic			18
Staple Gun			1
Staples, SF1 standard			1 BX
Spout, Gas, Flexible, 16" steel	210	1	2
Tank, Folding, 1000 gal. w/frame	661	0	1
Tank, Gasoline, 5 gal. Mark III	218	0	1
Tank, Pillow Shaped, 150 gal.	716	0	0
Tank, Pillow Shaped, 300 gal.	244	0	2
Tent, Sixty Second		10	10
Tent, Fly, w/poles (crew size)		0	1
Tent, Fly, Personal (9x10)	70	0	16
Tent, Fly, Personal (16x24)		0	2
Time Keeper Sign			50
Trash can, (metal 32 gal.)			2
Trash can, (plastic 30 gal.)			3
Torch, Drip, Gaskets		0	22

Torch, Drip	241	2	26
Towel, Bath	26	0	200
Valve, Wye, Gated 1 1/2"	231	2	16
Valve, Wye, Gated 1"			5
Wrench, Adjustable 7"			1
Wrench, Spanner, 11'	235	2	3
Wrench, Spanner, 5"	234	2	8
Wrench, 10mm			6
Wrench, Barrel			2
Washer, Hose			1
Zone Cache Radio Kit			1
At S.O. Fire Center w/ Jim Flores			
Mobile Radio (Jim Flores)			4
SN LMH 3142 J33008 AG0001029927			
Generator, Generic 5500XL	(*cache use)		1
Telephones	(*cache use)		3
Hand Cart	(*cache use)		1
Craftsman Toolbox (226pc)	(*cache use)		1
Craftsman Tool chest	(*cache use)		1
Mr. Heater w/propane tank	(*cache use)		1
Craftsman cordless drill and flashlight w/ carrying case.			1
Sleeping cot	(*cache use)		2
Portable Lighting ( w/stands)	(*cache use)		3
Drop Light w/cord	(*cache use)		1

\*These items are for cache use only.