

APPENDIX E

RECOMMENDATIONS FOR PERSONNEL AND EQUIPMENT REQUIREMENTS AT MILITARY INSTALLATIONS ACCOMPLISHING FOREST MANAGEMENT

Line No.	Type	Units required for stated forest acreage						
		1,000 or less	5,000	10,000	20,000	50,000	125M	250M
1.	Personnel ⁽¹⁾ —Professional ⁽²⁾	1/4	1	1	1	2	3	4
2.	Personnel ⁽¹⁾ —Other	1/4	1	1	2	4	12	24
3.	Ax, DB or SB, 31/2-5 lb.	1	2	4	8	12	20	30
4.	Backfire torch	2	2	3	4	6	8	12
5.	Backpack pump, 4 gal.	4	6	10	12	24	30	3 6
6.	Biltmore stick	2	2	3	4	5	9	12
7.	Boots, safety steel toe, lightweight moccasin toe, lace type w/lug soles.	1 Pr. ea. Permanent Employee						
8.	Brush hook or bank blade	2	2	3	4	6	12	24
9.	Camera	-	-	1	1	1	1	1
10.	Compass, forester	-	1	2	2	2	3	4
11.	Compass, staff	-	1	1	1	1	2	2
12.	Drum chopper	-	-	-	-	-	1	1
13.	Fire danger weather station ⁽³⁾	-	-	1	1	1	2	3
14.	Fire finder, lookout, osborne or plain alidade	-	1	1	1	1	2	3
15.	Fireplow, heavy, 2 or 4 disc	-	-	-	1	1	2	4
16.	Fireplow, light, 2 disc	-	1	1	1	2	4	8
17.	Fire rake	4	8	16	32	48	80	120
18.	Fuel container safety, 5-gal, 2-gal, 1-gal	3	3	3	3	6	12	18
19.	Fusee, forester or railroad	24	36	48	48	60	120	120
20.	Grader, road	-	-	-	1	2	2	4
21.	Hatchet, hypo, herbicide	1	1	2	3	4	6	8
22.	Hats, hard	1 ea. Permanent Employee						
23.	Increment borer, 12 inch; increment hammer	1	1	1	1	2	3	4
24.	Injector, tree herbicide	1	1	2	3	4	6	8
25.	Land clearing machine	-	-	-	-	1	1	1
26.	Level, hand, abney or clinometer	1	1	1	2	2	3	4
27.	Lights, battery, hand held or head type	6	12	25	30	36	48	48
28.	1 Lookout tower	1	1	1	1	1	2	3
29.	Paint gun, tree marking 1-qt. manual or 1-gal pressure	1	1	2	3	6	8	12
30.	Planimeter, compensating polar	-	1	1	1	1	2	2
31.	Planter, tree, tractor drawn	-	-	1	1	2	2	3
32.	Prism, cruising or angle gauge	1	1	1	2	4	5	8
33.	Pulaski tool	2	4	6	8	12	24	36
34.	Pump ⁽⁴⁾ , water, fire, slip-on, w/200-250 gal. tank	-	1	1	1	2	4	6
35.	Radios, 2-way, vehicle	-	2	3	3	5	8	10
36.	Radios, 2-way portable unit	1	1	2	4	6	10	20
37.	Radios, base station and remote	-	-	2	2	2	3	4
38.	Rake, fire	8	12	24	36	48	84	110
39.	Saw, bow 36"	1	1	2	2	4	6	10
40.	Saw, chain, gasoline powered	-	1	3	3	4	6	8
41.	Saw, pole pruning	-	-	1	2	4	6	8
42.	Seeder, handoperated, cyclone type	1	1	2	2	4	6	8
43.	Shovel, LH, RP	8	12	16	20	24	30	40
44.	Snakebite Kits	1	2	3	4	8	12	24
45.	Stereoscope, pocket	-	1	1	1	2	2	3
46.	Swatter, grass fire	10	15	35	50	80	100	130
47.	Tally book 8 by 11 inches, metal	1	1	1	2	2	4	6
48.	Tally meter, single or multiple dial	1	1	1	2	3	4	6
49.	Tape, steel, surveyors, 100' 200', 2-chain topo	1	1	1	2	2	4	6
50.	Tape, steel, fixed radius plot measuring (1/10 ac, 1/5 ac, 1/4 ac, etc)	1	1	1	2	2	4	6

Line No.	Type	Units required for stated forest acreage						
		1,000 or less	5,000	10,000	20,000	50,000	125M	250M
51.	Tape, three diameter, direct reading, LH, RH	1	1	2	3	6	12	20
52.	Tractor ⁽⁵⁾ , crawl 34-45 DBHP	-	1	1	2	3	5	8
53.	Tractor ⁽⁵⁾ , crawl, D-6, D-7 or D-8	-	-	-	1	1	2	4
54.	Tractor, w/transport trailer	-	-	-	1	1	2	3
55.	Truck, pickup 4x4, 1/2T or 3/4T	-	1	1	2	2	3	5
56.	Truck, light tractor transport 21,000-23,000 GVW w/hydraulic tilt bed and loading winch	-	1	1	1	2	4	8
57.	Truck, 1-T, 4x4, w/250 gal slupon tank	-	1	1	1	2	4	8

(1) Man-years, permanent.

(2) Professional forester.

(3) When other stations cannot provide the data.

(4) If justified by local conditions.

(5) Including winches, dozer blades, headache racks, hydraulic pump units as necessary.

Note: The items listed are provided as a guide in determining local requirements.