

**CHAPTER 13**

**RESOURCE TYPES AND MINIMUM STANDARDS**

Contents ..... 13-1  
Primary Mobile Suppression Resources ..... 13-2  
Support Resources ..... 13-4  
Strike Team Types and Minimum Standards ..... 13-5

**PRIMARY MOBILE SUPPRESSION RESOURCES**  
(Minimum ICS Standards)

RESOURCE	RADIO CALL	COMPONENTS	TYPES			
			1	2	3	4
Engine Company	Engine Telesquirt*	Pump Water Tank Hose 2 1/2" Hose 1 1/2" Hose 1" Ladder Master Stream Personnel	1,000 GPM 400 Gal. 1,200 Ft. 400 Ft. 200 Ft. 20 Ft. Ext. 500 GPM 4	500 GPM 400 Gal. 1,000 Ft. 500 Ft. 300 Ft. 20 Ft. Ext. - 3	120 GPM 300 Gal. - 1,000 Ft. 800 Ft. - - 3	50 GPM 200 Gal. - 300 Ft. 800 Ft. - - 3
* Engine with elevated stream capability, specify when requested.						
Truck Company	Truck	Aerial (Specify platform or ladder), Elevated Stream, Ground Ladders, Personnel	75 Ft.  500 GPM 115 Ft. 4	50 Ft.  500 GPM 115 Ft. 4		
Water Tender	Water Tender	Pump Water Tank	300 GPM 2,000 Gal.	120 GPM 1,000 Gal.	50 GPM 1,000 Gal.	
Brush Patrol	Patrol	Pump-15 GPM Hose 1"-150 Ft. Tank -75 Gal. Personnel - 1				
Medical/Non Transport	Rescue, Squad, Medic Engine	Non Transport, capability and personnel determined by local EMS authority	ALS	BLS		
Medical/Transport	Ambulance, Medic	Transport, capability and personnel determined by local EMS authority	ALS	BLS		
Bulldozer	Dozer	Size Horse Power Operator Example(s):	Heavy 200 HP 1 D-7, D-8	Medium 100 HP 1 D-5, D-6	Light 50 HP 1 D-4	
Bulldozer Tender	Dozer Tender	Fuel-100 Gal				

**PRIMARY MOBILE SUPPRESSION RESOURCES (continued)**

RESOURCE	RADIO CALL	COMPONENTS	TYPE 1	TYPE 2
Hand Crew	Crew #	Personnel, * Equipment, and Transportation	<ul style="list-style-type: none"> <li>Highest training level</li> <li>No use restriction</li> <li>Fully mobilized</li> <li>Highest experience level</li> <li>Fully equipped</li> <li>Permanently assigned supervision</li> </ul> <p><u>State</u>      <u>Federal</u>                      CDC (12) Hotshot (18)                      CYA (12) Regular (18)                      CCC (12) Fly Crew (10)                      Fly Crew (8)  <u>Local Govt.</u>                      Inmate (12) Fly Crew (8)                      Paid (10) Hotshot (18)</p>	<ul style="list-style-type: none"> <li>Minimum training or</li> <li>Some use restriction or</li> <li>Not fully mobilized or</li> <li>Moderate experience or</li> <li>Minimum equipment or</li> <li>No assigned supervision</li> </ul> <p>Federal (Blue Card) (18)                      State (12)</p>

\* Indicates minimum number of crew personnel including supervision.

RESOURCE	RADIO CALL	COMPONENTS	TYPES			
			1	2	3	4
Fire Boat	Boat	Pumping Capability	5,000 GPM	1,000 GPM	250 GPM	
Foam Tender	Foam	Class B Foam Specify: % Concentrate (1%, 3%, etc.)	500 Gal.	250 Gal		
Air Tanker	Tanker	Gallons Examples:	3,000 C-130, P-3	1,800 SP2H,P2V	800 S-2T	200 SEAT
Helicopters	Copter	Seats, including pilot Card weight capacity (lbs) Gallons Examples:	16  5,000  700 Bell 214	10  2,500  300 Bell 204, 205, 212	5  1,200  100 Bell 206	3  600  75 Hiller 12E3T
Helitanker	Helitanker	- Fixed Tank - Air tanker Board Certified - 1,000 Minimum gallon capacity				
Helicopter Tender	Helitender	Fuel Equipment				
Helitack Crew	Helitack	Personnel (3) Equipment Transportation				
Aircraft Rescue Firefighting (ARFF)	ARFF	Class B Foam w/proportioner and pump				

**SUPPORT RESOURCES**

RESOURCE	RADIO CALL	COMPONENTS	TYPES		
			1	2	3
Breathing Apparatus Support	Breathing Support	Filling Capability	Compressor	Cascade	
Crew Transport	Crew Transport	Passengers	30	20	10
Field Mobile Mechanic	Repair	Repair Capability	Heavy Equipment	Light Equipment	
Food Dispenser Unit	Food Dispenser	Servings/Meal	150	50	
Mobile Kitchen Unit	Mobile Kitchen	Servings/Meal	1,000	300	
Fuel Tender	Fuel Tender	Fuel Specify: Gas, Jet Fuel, Diesel, Etc.	1,000 Gal	100 Gal	
Heavy Equipment Transport	Transport	Capacity Examples:	Heavy D-7, D-8	Medium D-6	Light D-4
Illumination Unit	Light	Lighting Units (500 watts each) Extension Cord Specify: Mounted or Portable	6  1,000 Ft.	3  500 Ft.	
Mobile Communications	Comm	<ul style="list-style-type: none"> <li>• Consoles/ Workstations</li> <li>• Frequency Capability</li> <li>• Power Source</li> <li>• Telephone Systems</li> <li>• Personnel</li> </ul>	2  Multi Range*, Programmable  Internal 6 Trunk/16 Extension Lines  2	2  Multi Range*, Programmable  Internal  2	1  Single Range**, Programmable External  1
* Multi Range: 150-174 MHz, 450-470 MHz, 800 MHz (Simplex and Repeated) ** Single Range: 150-174 MHz only					
Portable Pump	N/A	Pumping Capacity	500 GPM	250 GPM	50 GPM
Portable Repeater	N/A	Frequency Capability*	* When requesting resource, need to specify frequency requirements.		
Power Generator	N/A	Wattage Capacity Specify: Mounted or Portable	10,000 watts	3,000 watts	
Refrigeration Unit	Refer	Box Length (ft)	24	12	
Utility Transport	Utility		Over 1 Ton	1 Ton and under	

**STRIKE TEAM TYPES AND MINIMUM STANDARDS**

Kind	Strike Team Types	Number/Type	Minimum Equipment Standards							Minimum Personnel		
			Pump Capacity	Water Capacity	2 1/2" Hose	1 1/2" Hose	1" Hose	Ladder	Master Stream	Strike Team Leader	Per Single Resource	Total Personnel
ENGINEES	A	5 – Type 1	1,000 GPM	400 Gallons	1,200 Feet	400 Feet	200 Feet	20 Ft. Ext.	500 GPM	1	4	21
	B	5 – Type 2	500 GPM	400 Gallons	1,000 Feet	500 Feet	300 Feet	20 Ft. Ext.	N/A	1	3	16
	C	5 – Type 3	120 GPM	300 Gallons	N/A	1,000 Feet	800 Feet	N/A	N/A	1	3	16
	D	5 – Type 4	50 GPM	200 Gallons	N/A	300 Feet	800 Feet	N/A	N/A	1	3	16
CREWS	G	Handcrew combinations consisting of a minimum of 29 persons (Do not mix Type 1 and Type 2 crews)	Type 1 Handcrews have no restrictions on use							1	N/A	30
	H		Type 2 Handcrews may have use restrictions							1	N/A	30
DOZERS	K	2 – Type 1	Heavy Dozer Minimum 200 HP (D-7, D-8 or equivalent)							1	1	4
		1 – Dozer Tender								1		
	L	2 – Type 2	Medium Dozer Minimum 100 HP (D-5, D-6 or equivalent)							1	1	4
1 – Dozer Tender		1										
M	2 – Type 3	Light Dozer Minimum 50 HP (D-4 or equivalent)							1	1	4	
		1 – Dozer Tender									1	