

Airtanker Typing Standard

Components	VLAT	Type 1	Type 2	Type 3	Type 4
Minimum capacity (gal)	>8,000	3,000-5,000	1,800 - 2,999	800 - 1,799	Up to 799
Examples	DC-10, B-747	BAe-146, RJ85, MD-87, C-130, B-737	Q-400, CV-580, P-3	S-2T, AT-802F	Thrush

Note: Tank capacity standards may vary by agency.

Helicopter Typing Standard

Components	Type 1	Type 2	Type 3
Allowable payload at 59° F at sea level	5,000	2,500	1,200
Passenger seats	15 or more	9 - 14	4 - 8
Retardant or water-carrying capability (gal)	700	300	100
Maximum gross takeoff and landing weight (lb)	12,501+	6,000 - 12,500	Up to 6,000
Examples	CH-54 / CH-47	Bell 204, 205 A1++, 212 HP	Bell 407, A-Star B3
Helitanker	<ul style="list-style-type: none">• Fixed tank• 1,100 minimum gallon capacity		

UAS Typing Standard

Type	Configuration	Endurance	Data Collection Altitude (agl)	Max Range (miles)	Typical Sensors*
1	Fixed-Wing Rotocraft	6-14 hrs. N/A	3,500-8,000 N/A	50 N/A	EO/Mid Wave IR High Quality IR
2	Fixed-Wing Rotocraft	1-6 hrs. N/A	3,500-6,000 N/A	25 N/A	EO/Long Wave IR Moderate Quality IR
3	Fixed-Wing Rotocraft	20-60 min. 20-60 min.	2,500 and Below 2,00 and Below	5 5	EO/IR Video and Stills Moderate Quality IR
4	Fixed-Wing Rotocraft	Up to 30 min. Up to 20 min.	1,200 and Below 1,200 and Below	<2 <2	EO/IR Video and Stills Moderate Quality IR

*Sensor payloads are variable but typically include daylight (electro-optical), infrared (IR), thermal, or mapping cameras. Type 1 and 2 UAS carry multiple camera types in a gimbaled configuration.

Note:Certain aircraft are specialized and will not fit this classification.

Additional current information can be accessed on the [Interagency Fire UAS Operations website](#).