



Aircraft Orientation

Air Attack



**Air Tactical Group
Supervisor (ATGS)**

Pilot flies the plane

**ATGS Coordinates Fixed &
Rotary Wing Aircraft
assigned to the fire.**



Air Attack

Air Attack Also Used For:

Mapping

Reconnaissance

Aerial Photography

Lightning Detection

USFS Lead Plane



Air Tankers

**Air
Attack
With
Air
Tankers**



Air Tankers

**VLAT
Air Tanker
DC-10
Tanker 910**

**King Air E-90 Lead
Plane
12,000 Gallons**

\$26,500 per hour



Air Tankers

**Type I
Air Tanker
Retardant
Drop**



Type 1

**3000+ gallons
of retardant**





Lockheed C-130 Hercules



3000 Gallons

Lockheed P3-A Orion



**3000
gallons**



Air National Guard C-130/MAFFS

Modular Airborne Fire Fighting System

3000 gallons



Type II

1800 to 2,999 Gallons





Douglas DC-4 Airliner

**2000
gallons**





Consolidated PB4Y2 Privateer

2200 gallons





Lockheed SP-2H

2000 Gallons





Lockheed P2V Neptune

2400 gallons



Type III 600 to 1,799 Gallons



Air Tankers

**S-2
Air Tanker**

**1,200
Gallons**



Air Tankers

S-2T
Air Tanker
Retardant
Drop





**Canadair
CL-415
Super Scooper
1300 gallons
Class A foam**

**PBY-5A
Catalina
1100 gallons
Class A foam**



Air Tankers

Aircraft are most effective:

On initial attack

**Followed up with fast and aggressive
ground action**



Rotary Wing



Heavy Helicopters



Type I

16 seats,
including pilot

5000 lbs
card weight
capacity

700
gallon
bucket

Examples,
CH-54A CH-47
K-Max Mi-14



S-64 Heli-Tanker
2000+ Gallons



**UH-60
Black Hawk**

**Boeing
234
Vertol
Chinooks**



Type II

10 seats,
including pilot.

2500 lbs.
weight capacity.

300 gallons
tank or bucket

Examples,
Bell-214 & 205
S-58 & S-55T



Rotary Wing

Water Drop
From a
Helicopter





**Bell-212
w/ tank**

**Bell-UH1H
CDF-Super Huey
w/ bucket**



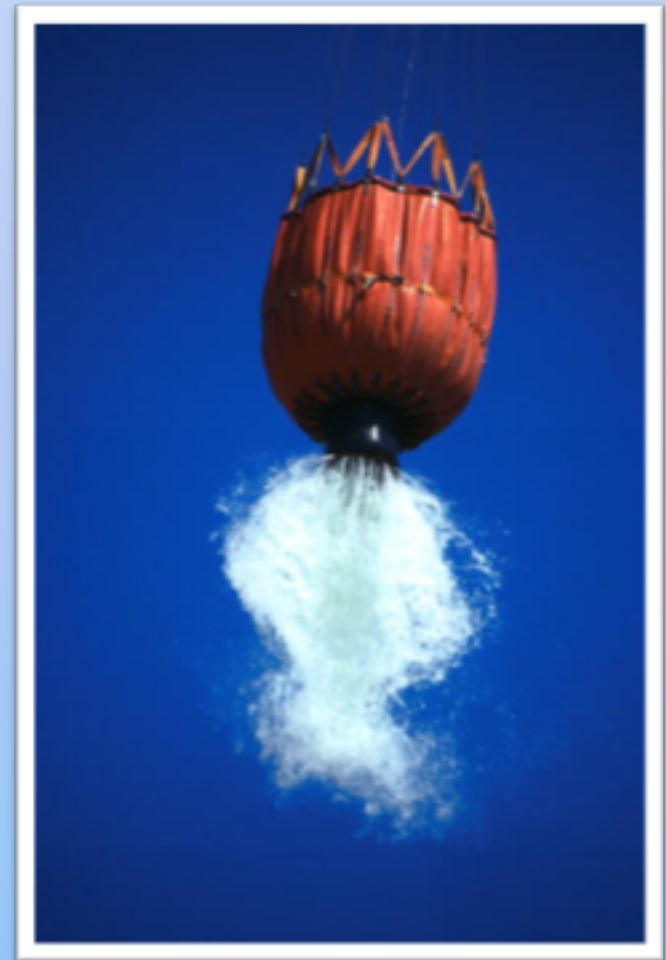
Rotary Wing

Water drop
From a
Helicopter
with a
fixed tank



Rotary Wing

Helicopter
Water
Bucket



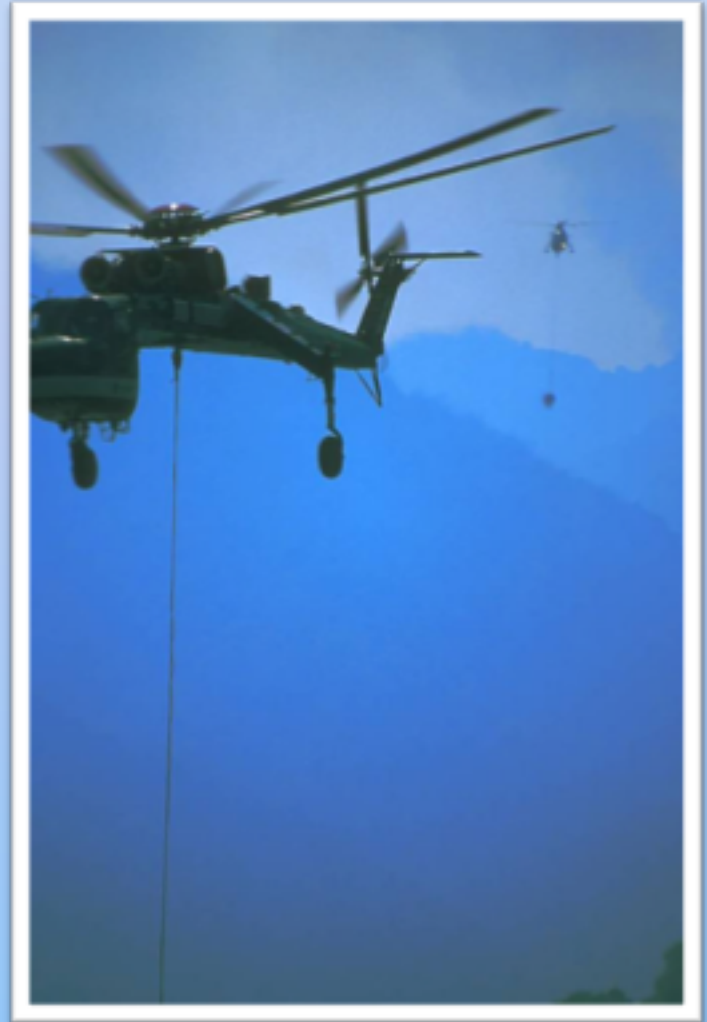
Rotary Wing

Helitanker
with a fixed
water tank



Rotary Wing

Two Sky
Cranes with
Buckets



Rotary Wing

Helitanker dropping
retardant



Rotary Wing

Heavy
helicopter
with a
bucket



Type III Helicopter

