

AIRCRAFT IDENTIFICATION CHART FOR FIREFIGHTING PERSONNEL

Single Engine Airtankers (SEATS)

Use – firebombing with fire retardant or foam.
Callsign – “Bomber”

Air Tractor 802

Firebombing hopper capacity - 3150 lt
Engine - Gas turbine Cruise speed - 280kmh
Fuel type - Jet A1 Fuel use - 280 lt/hr



PZL Dromader

Firebombing hopper capacity - 2500 lt
Engine - Radial piston Cruise speed - 200kmh
Fuel type - Avgas Fuel use - 180 lt/hr



PZL Turbine Dromader

Firebombing hopper capacity - 3000 lt
Engine - Gas Turbine Cruise speed - 230kmh
Fuel type - Jet A1 Fuel use - 250 lt/hr



Type 3 (Light) Helicopters

Use – general purpose, reconnaissance, FLIR,
air attack supervision, aerial ignition.
Callsign – “Firebird”

Bell 206BIII Jetranger

Engine - Single gas turbine Rotor diam - 10.6m
Seating capacity - 5 Cruise speed - 204kmh
Fuel type - Jet A1 Fuel use - 105lt/hr



AS350B Aerospatiale Squirrel

Engine - Single gas turbine Rotor diam - 10.7m
Seating capacity - 6 Cruise speed - 224kmh
Fuel type - Jet A1 Fuel use - 170lt/hr



Bell 206L Longranger

Engine - Single gas turbine Rotor diam - 11.3m
Seating capacity - 7 Cruise speed - 220kmh
Fuel type - Jet A1 Fuel use - 170lt/hr



Type 2 (Medium) Helicopters

Use – firebombing, rappelling, crew transport. Callsign – “Helitack”

Bell 205

Engine - Single gas turbine Cruise speed - 200kmh
 Seating capacity - 8 to 15 Rotor diam - 14.7m
 Fuel type - Jet A1 Fuel use - 320lt/hr
 Bellytank capacity – 1350 lt – hover fill – 55 secs



BK 117

Engine - Twin gas turbine Cruise speed - 260kmh
 Seating capacity - 5 to 8 Rotor diam - 11 m
 Fuel type - Jet A1 Fuel use -300lt/hr
 Bellytank capacity – 1200 lt - hover fill – 45 secs



Bell 212

Engine - Twin gas turbine Cruise speed - 200kmh
 Seating capacity - 8 to 15 Rotor diam - 14.7m
 Fuel type - Jet A1 Fuel use -380lt/hr
 Bellytank capacity – 1350 lt - hover fill – 55 secs



Bell 412

Engine - Twin gas turbine Cruise speed - 200kmh
 Seating capacity - 8 to 15 Rotor diam - 14.1m
 Fuel type - Jet A1 Fuel use -380lt/hr
 Bellytank capacity – 1350 lt - hover fill – 55 secs



Type 1 (Large) Helicopters

Use – firebombing, crew transport.. Callsign – “Helitack”



Erickson S64F Aircrane

Engine - Twin gas turbines Cruise speed - 200 kmh
 Fuel use - Jet A1 2000 lt/hr Rotor diam - 21.2m
 Bellytank capacity – 9000 lt – hover fill – 45 secs

Sikorsky S61

Engine - Twin gas turbines Cruise speed - 220 kmh
 Seating capacity - max 17 Rotor diam - 18.9mm
 Bucket capacity – 3200 lt Fuel use - Jet A1 605 lt/hr

