

# 2015/16 National Aerial Firefighting Fleet



**Eurocopter EC120B Colibri – “Firebird”**  
Roles: Supervision, reconnaissance, utility. Single turbine engine.  
Four passengers. 220km/h, 500hp.



**Bell 206L-3 LongRanger – “Firebird”**  
Roles: Supervision, reconnaissance, utility. Single turbine engine.  
Six passengers. 220km/h, 650hp.



**Eurocopter AS355F1 Twin Squirrel – “Firebird”**  
Roles: Firebombing, supervision, utility. Twin turbine engines.  
Five passengers. 680 litre capacity bucket. 230km/h, 840hp.



**Eurocopter AS350B3 Squirrel – “Firebird”**  
Roles: Firebombing, supervision, fire crew insertion, utility. Single turbine engine.  
Five passengers. 1100 litre capacity bucket or belly tank. 200km/h, 850hp.



**Cessna 182T Skylane – “Firespotter”**  
Roles: Reconnaissance, supervision, utility. Single piston engine.  
Three passengers. Commonly used for fire spotting patrols. 270km/h, 230hp.



**MBB/Kawasaki BK 117 – “Helitak”**  
Roles: Fire crew insertion, firebombing, transport, utility. Twin turbine engine.  
Eight Passengers. 270kg, 75m winch. 900 litre capacity bucket. 215km/h, 1500hp.



**Eurocopter EC145 – “Helitak”**  
Roles: Fire crew insertion, firebombing, transport, utility. Twin turbine engine.  
Eight Passengers. 270kg, 91m winch. 910 litre capacity bucket. 220km/h, 1500hp.



**Eurocopter AS365N2 Dauphin – “Helitak”**  
Roles: Fire crew insertion, firebombing, transport, utility. Twin turbine engine.  
Eight Passengers. 270kg, 100m winch. 1025 litre capacity bucket. 260km/h, 1500hp.



**Bell 204B – “Helitak”**  
Roles: Firebombing, transport, utility. Single turbine engine.  
14 passengers. 1290 litre capacity long-line bucket. 185km/h, 1400hp.



**Cessna 337G Skymaster – “Birddog”**  
Roles: Supervision, reconnaissance, utility. Twin piston engines, centre line thrust, high wing. Three passengers. 250km/h, 420hp.



**Cessna 208B Grand Caravan – “Birddog”**  
Roles: Supervision, reconnaissance, transport, utility.  
Single turbine engine, high wing. Nine passengers. 300km/h 675hp.



**Rockwell Turbo Commander 690B– “Birddog”**  
Roles: Supervision, reconnaissance, transport, utility.  
Twin turbine engine, high wing. Five passengers. 500km/h 1430hp.



**Bell 212 – “Helitak”**  
Roles: Firebombing, fire crew insertion, transport, utility. Twin turbine engine.  
Fourteen passengers. Rappel equipment, 1475 litre capacity belly tank. 185km/h, 1800hp.



**Bell 412SP – “Helitak”**  
Roles: Firebombing, fire crew insertion, transport, utility. Twin turbine engine.  
10 passengers. 270kg, 75m winch. 1400 litre capacity belly tank. 225km/h, 1800hp.



**PZL M18T (Hubler) Dromader – “Bomber”**  
Role: Fire bombing. Single engined, turbo prop air tanker. 2375 litre capacity.  
Drops water, foam, gel or fire retardant solutions. 230km/h, 1000hp.



**Air Tractor AT802F – “Bomber”**  
Role: Fire bombing. Single engined, turbo prop air tanker. 3200 litre capacity.  
Drops water, foam, gel or fire retardant solutions. 350km/h, 1600hp.



**Air Tractor AT802F Fireboss – “Bomber”**  
Role: Firebombing. Amphibious, single engined turbo prop air tanker. 3200 litre capacity.  
Scoops water from lakes and rivers, adds foam, gel before dropping. 275km/h, 1600hp.



**Bell 214B Big Lifter – “Helitak”**  
Roles: Firebombing, transport. Single turbine engine. Fourteen passengers.  
2650 litre capacity belly tank or bucket. 240km/h, 2950hp.



**Sikorsky S61N – “Helitak”**  
Roles: Firebombing, fire crew insertion, transport. Twin turbine engines. Two pilots.  
Eighteen passengers. 4000 litre capacity belly tank or 2850 litre power fill bucket. 225km/h, 3000hp.



**Avro RJ85 airtanker – “Bomber”**  
Role: Firebombing. Four turbo fan engines. Two pilots.  
11,350 litre retardant capacity tank. Drops foam, gel or fire retardant solutions. 680km/h, 12,700kg thrust.



**Coulson C130Q airtanker – “Bomber”**  
Role: Firebombing. Four turbo props engines. Two pilots and one flight engineer.  
15450 litre retardant capacity tank. Drops foam, gel or fire retardant solutions. 545km/h (loaded), 18,000hp.



**Erickson S64E Aircrane – “Helitak”**  
Role: Firebombing. Twin turbine engine. Two Pilots. No passengers.  
Hover Fill and sea skimming snorkels. 7560 litre capacity tank 215km/h, 9000hp.



**Lockheed Martin L100-30 airtanker – “Bomber”**  
Role: Firebombing. Four turbo props engines. Two pilots and one flight engineer.  
15450 litre retardant capacity tank. Drops foam, gel or fire retardant solutions. 545km/h (loaded), 18,000hp.



**McDonnell Douglas DC10-30 – “Bomber”**  
Role: Firebombing. Three turbo fan engines. Two pilots and one flight engineer.  
43,900 litre retardant capacity tank. Drops foam, gel or fire retardant solutions. 650km/h (loaded), 73,000kg thrust.

The 2015/16 national aerial firefighting fleet comprises approximately 130 contracted aircraft primarily made up of types illustrated here.  
These aircraft, contracted by NAFC on behalf of State and Territory governments, are supplemented by additional state owned, state contracted aircraft and other aircraft hired to meet peak demand across Australia.