RFS

NSW GOVERNMENT

Rural Fire Service - Fire Operations

Pierce Hanson – Aviation Coordinator (Safety)

Rural Fire Service

RFS

- Volunteer based firefighting agency
- Largest volunteer service in the world
- Lead combat agency for wildland firefighting in NSW
- Nearly 4,000 fire appliances
- 11 NSW government owned operational aircraft

RFS

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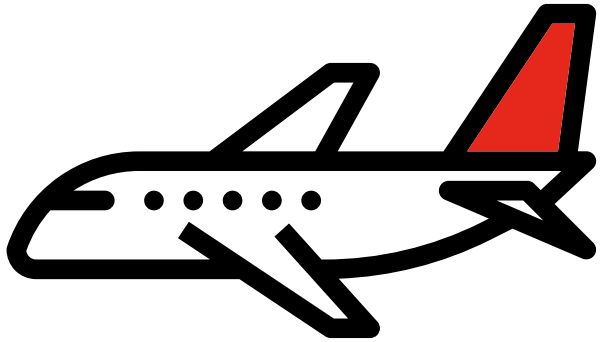
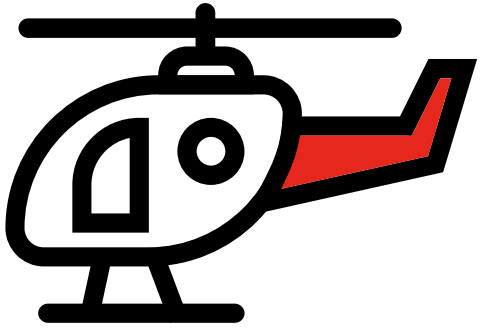
Aviation Overview

Aircraft



Agency Owned Aircraft



NAFC Aircraft

Call When Needed Fleet

Industry Partners

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Firefighting Roles

- Transport
- Firebombing
- Aerial Observation
- Air Attack Supervision
- Airborne Systems/Sensors
- Aerial Ignition
- Search and Rescue

'Call When Needed' Aircraft

- 226 aircraft available on the register for NSW Government work
  - Transport
  - Aerial Work
  - Firefighting
  - Pest Management
  - Survey
  - Training

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Fixed Wing Capability

RFS Fleet

RFS Fixed Wing

- Transport
- Scanning
- Air Attack Supervision
- Firebombing

RFS Fixed Wing

Call sign	Aircraft Type
Bomber 210	B737
FSCN 200	Citation 560
FSCN 201	Citation 560
FSCN 202	King Air

Scanning

- Colour Imagery
- Infrared Imagery

Firebombing

- 15,000L of firefighting agent
- Fire Retardant
- Firefighting Gel
- Water
- Transport (Future)

Asset Protect

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Rotary Wing Capability

RFS Fleet

CH-47 Chinook

- Firebombing
  - 11,000 litres
- Logistics transport

- Based at RAAF Richmond

RFS

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Bell 412 Capability

RFS Fleet

RFS Bell 412 Fleet

- Rescue
- Intelligence
- Firebombing
- Transport
- Incendiary

- Based at Dubbo, Coffs Harbour, Bankstown and Cooma

Rescue

- Bushfire Search & Rescue
- Flood Search & Rescue
- Land search & Rescue
- Winching, Hovering or Landing Rescues

Intelligence

- Onboard FLIR Camera System
- Mapping Software
- Livestreamed Imagery
- Incident Mapping
- Hotspot Detection
- Searching
- Night Air Attack Support

Firebombing

- Bucket and Long Line

  or

- Bellytank

Night Capabilities

- Night Search & Rescue
- Night Aerial Observation
- Night Firebombing Support

Supporting Other Agencies

- Regular Assistance to SES
- Regular Assistance to Police

RFS

NSW GOVERNMENT

Thank you