

ior

FUELLING AUSTRALIA

AVIATION FUEL CASE STUDY

PRECISION AERIAL



BUSINESS OVERVIEW

Precision Aerial was established in 1997 as a dry land aerial spraying operation based in Meandarra, Queensland.



Since inception, Precision Aerial has expanded by establishing operations in Mungindi NSW and St. George QLD to provide aerial spraying and fire suppression services. Their large fleet of modern aircraft and support equipment enables the company to service all of the surrounding areas.

Precision Aerial holds a membership with the Aerial Application Association of Australia Limited (AAAA) and their Managing Director, Lachlan Hill is a member of the AAAA Board of Directors. In addition to these memberships, Precision Aerial is Aerial Improvement Management System (AIMS) accredited and AAAA Spraysafe Accredited.

ABOUT THE BASES

MEANDARRA TOWN AIRSTRIP

The Meandarra base is 200Km west of Toowoomba and is the original home of Precision Aerial. From this location, aircraft service the regions within southern Queensland.

MUNGINDI AIRPORT

Aircraft at the Mungindi base service the cotton-growing areas and dry-land farming regions within a 150Km radius.

ST GEORGE AIRPORT

St George is the most recent addition to Precision Aerial. Aircraft located at this base provide support to agricultural farming regions surrounding the region.

ABOUT THE FLEET

Precision Aerial manages a fleet of over 20 fixed-wing and rotary aircraft which includes the following.

AYRES THRUSH 510P

Range	1,238Km
Working Speeds	145 - 241Km / hour
Wingspan	14.47m
Length	12.16m
Model First Flight	1956
Payload	2000L
Purpose	Chemical, seeding & pellet applications.

AIR TRACTOR 602

Range	966Km
Working Speed	266 Km / hour
Wingspan	17.06m
Length	10.21
Model First Flight	1995
Payload	2400L
Purpose	Fire suppression.

CESSNA 210

Range	1,668Km
Cruise Speed	358Km / hour
Wing Span	11.2m
Length	8.59m
Model First flight	1957
Passengers	Five
Purpose	Observation and travel.

AIR TRACTOR 802

Range	982Km
Working Speeds	209 – 250Km / hour
Wingspan	18.08m
Length	10.21
Model First Flight	1990
Payload	3000L
Purpose	Fire suppression.

ROBINSON R22 HELICOPTER

Range	463Km
Working Speed	177 Km / hour
Rotor Span	7.66m
Length	8.76m
Model First Flight	1975
Passengers	One
Purpose	Job inspections and travel.

CHEROKEE 6

Range	1,361Km
Cruise Speed	272Km / hour
Wing Span	10m
Length	8.4m
Model First flight	1963
Passengers	Five
Purpose	Aerial grass seeding.

HOW IOR HAS HELPED

IOR has been supporting Precision Aerial with its fuel since 2016. With a regional footprint and the ability for their large fleet to respond in all seasons, the business needed a fuel supplier who could provide:

- Security of supply.
- Reliable service and on-time deliveries.
- Modern fleet equipment that would ensure the integrity of the fuel is not compromised.

FUEL USAGE SUMMARY

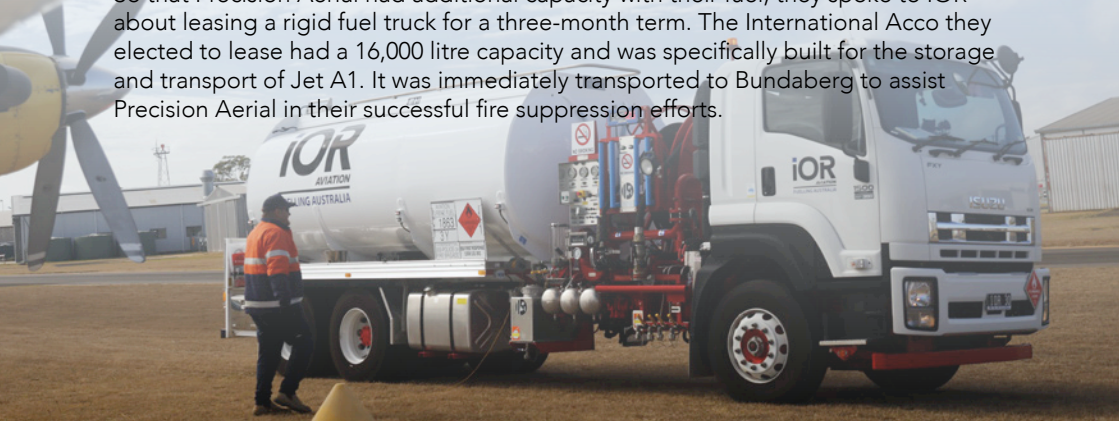
Fuel used	Jet A1
Total annual fuel volume	>800KL
Normal delivery frequency	Daily during peak periods, fortnightly during normal periods.

IOR manages several dedicated aviation fuel tankers delivering fuel across Australia's eastern states and operates a growing network of unmanned refuelling facilities at prominent regional and rural airfields. This, combined with strong relationships with Australian aviation fuel refiners meant that IOR was able to provide Precision Aerial with a cost-effective, reliable, and high-quality supply of Jet A1 for their fleet.

IOR'S ADDITIONAL VALUE ADD

During the devastating fire season from 2019 and into 2020, Precision Aerial provided firebombing support to the New South Wales Rural Fire Service and Queensland Fire and Emergency Service (QFES). Given the relentless nature of the fires, Precision Aerial needed to be able to respond at a moment's notice and was providing support to QFES from Toowoomba Airport, Bundaberg Airport and the Meandarra base.

So that Precision Aerial had additional capacity with their fuel, they spoke to IOR about leasing a rigid fuel truck for a three-month term. The International Acco they elected to lease had a 16,000 litre capacity and was specifically built for the storage and transport of Jet A1. It was immediately transported to Bundaberg to assist Precision Aerial in their successful fire suppression efforts.





"With IOR's support, we supplied in excess of 500KL of Jet A1 to our Air Tractor 802 single engine air tankers and to other aerial firefighting aircraft that supported QFES throughout southern QLD during the 2019/20 bushfire season."

Lachlan Hill
Managing Director, Precision Aerial

FIND OUT MORE

Find out more about how IOR
Aviation's competitive edge can
benefit you and your business.

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