

# AVIATION TANKS



**THE SELF-BUNDLED  
AVIATION FUEL STORAGE SOLUTION  
1,000 - 107,000 LITERS**

AUSTRALIA  
**nqpetro**  
FUEL EQUIPMENT SPECIALISTS

# Self Bunded AVIATION TANKS

The FES Aviation BLOC and Grande Tank ranges, designed for secure AVGAS and Jet A-1 storage, offer capacities ranging from 1,000 to 107,000 litres. These Aviation Tanks meet AS1940, AS1692, and UL 142 standards, ensuring safety and reliability across aviation environments.



**Compatibility:** **A1** JET A-1 **Av** Avgas

## Design and Customisation

Designed specifically for the aviation industry, our tanks prioritise the cleanliness and quality of aviation fuel, crucial for the safety of aircraft, passengers, and crew. With configurations available for both Aviation Gasoline (AVGAS) and Turbine Fuel / Jet Fuel (Jet A-1), our tanks ensure compatibility across fuel types.

Each unit features a robust, self-bunded double-wall design and stainless steel components that prevent contamination and maintain fuel integrity, even in isolated or challenging locations.



## Versatile Aviation Fuel Solutions

Our range of aviation tanks supports diverse aviation needs from small commercial to private rural airfields, including onshore-offshore refuelling and helicopter facilities.

These tanks are flexible, catering to all operator sizes and ensuring consistent fuel quality. Nqpetro enhances functionality with customised in-house dispensing and pumping solutions, ensuring reliable performance in any setting—from busy airports to remote locations.



## BLOC Av

From 1000 to 10,000 Litres

Suitable for small & private airfields



## GRANDE Av

From 10,900 to 107,000 Litres

Suitable for Commercial Airfields & Airports



MODEL	SFL Litres	CAPACITY Litres	LENGTH mm	WIDTH mm	HEIGHT mm	TARE kg	BAFFLED
BLOC 1000 Av	1,000	1,150	1,864	1,100	1,309	880	YES
BLOC 2500 Av	2,350	2,570	2,274	1,674	1,309	1,310	YES
BLOC 4500 Av	4,180	4,490	2,774	2,274	1,309	1,778	YES
BLOC 6000 Av	5,500	5,820	3,574	2,274	1,309	2,164	YES
BLOC 10000 Av	9,500	10,000	6,058	2,438	1,395	4,748	YES

4-Hour UL2085 Fire Rated protection options available on AVIATION TANKS.

\*\*AS 1940:2017 limits flammable liquid storage to 55,000 L max. G68Av and G110Av are not compliant for Avgas.

\*Dimensions are nominal only. Alternative capacities available upon request.

MODEL	SFL Litres	CAPACITY Litres	LENGTH mm	WIDTH mm	HEIGHT mm	TARE kg	PUMP BAY
GRANDE 12Av	10,300	10,900	2,991	2,438	2,896	5,100	YES
GRANDE 20Av	16,400	17,300	2,991	2,438	2,896	5,200	NO
GRANDE 30Av	28,000	29,500	6,058	2,438	2,896	8,050	YES
GRANDE 55Av	52,250	55,000	12,192	2,438	2,591	12,300	YES
GRANDE 68Av**	62,100	65,400	12,192	2,438	2,896	14,100	YES
GRANDE 110Av**	101,600	107,000	14,630	2,438	3,550	20,100	NO

## Self Bunded AVIATION TANKS

## STANDARD FEATURES



- Self-Bunded Double Wall Design:** Ensures robust containment and safety.
- 304 Stainless Steel:** Used for the inner tank, piping, and fittings for corrosion resistance.
- Comprehensive Compliance:** Meets AS1940, AS1692, AS1657, UL 142 & JIG standards.
- Vent Pipe Options:** Free vent for Jet A-1 and pressure vacuum for Avgas.
- Fluid Level Dipstick:** Made from durable stainless steel.
- Sampling Cabinet:** Allows for easy access and sample collection. *(Grande Only)*
- Overfill Protection System:** Prevents tank overfill, enhancing safety. *(Grande Only)*

- High-Level Alarm:** IECEx approved alarm. Intrinsically safe for use in hazardous areas. *(Over 5kl Only)*
- Primary and Emergency Venting:** Ensures proper tank breathing.
- Tank Thickness:** Grande - 6mm for both outer and inner walls. Bloc - 5mm outer wall, 3mm inner wall.
- Sloping Floor Design:** Internally sloped floor for installation of thief pump under JIG1530 aviation standards.

### OPTIONS

- Floating Suction:** Ensures clean fuel withdrawal by floating just below the fluid surface.
- 316 Stainless Steel Components:** Provides additional corrosion resistance.

