



**IOR AVIATION**, the dedicated Aviation division of IOR Petroleum, supplies high quality Jet and Avgas fuels to the Australian Aviation industry. With capabilities encompassing supply, transport, logistics and fuel storage and management facilities, IOR Aviation is a logical partner to your aviation business.

IOR sources its high quality fuels from Australia's leading refiners and importers of aviation grade fuels. We operate a dedicated tanker fleet, eliminating switch loading and contamination risk during transport to your operations.

Unique within Australia, our tanker fleet are fitted with filtration systems ensuring that only the highest quality aviation fuels are discharged into your fuel storage tank at the time of delivery. Additional features of our highly specified tanker fleet are:

- On board pumps, providing improved discharge times and option beyond gravity fed tanks only
- Certified metering systems to ensure accurate delivery volumes and billing
- Quality fuel control systems with dedicated Avgas and Jet trailers complete with filtration, limiting product contamination

Complementing IOR's ability to provide leading fuel management supply solutions is a comprehensive range of aviation ready fuel storage tanks and fuel management solutions. IOR's HyTank fuel tanks are available in on-ground portable configurations, all of which are self bunded. Each tank can be specified with dispensing and operational equipment options to ensure it is tailored to each customer's requirements.

Recognising the critical importance of secure fuel management and control, IOR developed HyDip and its HyTrak Fuel Management Systems. With over 100 unmanned diesel sites and 10 years accumulated operating experience, HyDip provides automated tank dipping which eliminates the need to climb on top of tanks to take measurements

and the corresponding safety risk with working at heights. Tank inventory levels can be read from the HyDip panel at the tank via HyDip's web or mobile device Apps. Alerts can be set when fuel on hand falls below certain levels to prompt team members who have responsibility for re-ordering.

HyTrak builds on HyDip capability by adding IOR Tag secure access to each tank. IOR Tag is a small, robust dongle. Aircraft owners or operators that need access to the onsite tanks are allocated a unique IOR Tag. When Avgas or Jet A1 is required, simply swipe the tag at the tank control panel, enter a PIN number and Avgas or Jet A1 is safely and securely dispensed. Specific per fill maximum limits can be configured by tag for added security and control. HyTrak supports fuel re-supply ordering either by the customer with specified alerts prompting staff that re-supply is required or alternatively, IOR's Logistics Hub can fully manage the process on your behalf. IOR's Logistics Hub monitors tank inventory levels and offtake rates and schedules fuel deliveries based on pre-agreed minimum and maximum stock on hand targets.

Finally, transparent and timely reporting and administration of your fuel consumption is simplified with IOR's customer portal and customisable reporting. A comprehensive suite of reports have already been developed. IOR prides itself on being responsive to customer needs and its team can usually accommodate requests for some additional customer specific reporting.

# SPECIFICATIONS

- Storage tank of 11.5 kl capacity (Safe Fill Level). Tank is double skinned, with the inner tank manufactured from stainless steel. The inner tank has an integrated fall in the floor to a low point sump.
- A manual dip point is located in the tank. The tank includes integrated access steps to enable personnel access to the components located on the top of the tank
- Receipt valve and pipeline to the tank inlet with an integrated overfill protection valve that closes when the product level reaches the maximum allowable volume. The product receipt point has a camlock adaptor and cap (grade selective);
- Submersible pump mounted in the tank to transfer fuel to the dispensing station;
- Fuel dispensing station comprising of a Compac Dispenser (MR80S), Filter Monitor (Facet VFCS-21) and hose reel c/w 20 m of hose and dispensing nozzle;
- Bonding cable and reel;
- Closed Circuit Sampling cabinet containing a hand pump (for removing product sample from the tank low point sump), Aljac Sampling Jar, valving and sample return line back to the tank;
- Electrical switchboard c/w Emergency Stop button and status indicators;
- IOR AVIATION proprietary fuel management system, product level gauging, tank High-High and Low Level probes and alarm;
- Two (2) fire extinguishers;
- Skid frame – an integrated steel frame on which all components of the skid are mounted. The frame has pockets to enable lifting and placement with the use of a forklift truck of correctly rated capacity;
- AS/NZS 1940 The Storage and Handling of Flammable and Combustible Liquids
- AS/NZS 1657 Fixed Platforms, Walkways, Stairways and Ladders
- AS/NZS 1692 Tanks for Flammable and Combustible Liquids
- AS/NZS 3000 Electrical Installations
- AS/NZS 60079.10.1 Explosive Atmospheres



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