

# HOST ISO Aviation SBT



Hydrocarbon  
On-site  
Storage  
Tanks



## HOST Aviation Self Bunded Fuel Storage Tanks

Store and dispense Jet Fuel and AVGAS in a HOST Aviation Self Bunded Tank

When reliable aviation fuel storage is critical, Liquip Victoria delivers a complete solution. The HOST Aviation Self Bunded Tank range is engineered for the safe storage and dispensing of Jet A-1 and AVGAS, combining robust construction, industry-leading compliance and customisable pumping and fuel management systems.

From private airstrips to major airports, every tank is designed to maximise safety, efficiency and long-term value while providing a turnkey solution tailored to your operation.

- ▶ Built to UL142, AS1940, AS1692, AS1657
- ▶ Durable, modular and robust design
- ▶ Available in a range of sizes
- ▶ Can store and dispense AVGAS and Jet Fuel
- ▶ Pumping solutions can be fitted: 40 – 800 l/pm
- ▶ Fuel Management Packages also available

Nothing  
stacks up  
better



## Introducing the perfect match.

A HOST Aviation Self Bunded Tank fitted with a custom pumping & dispensing solution by Liquip Victoria.



The HOST ISO Aviation Self Bunded Storage tank is the result of listening to our customers and investing a great deal of engineering resources to design robust and high quality tank packages that provide more economical solutions for fuel storage.

- ▶ Single tanks to multi-million litre tank farms
- ▶ ISO container design – 10', 20', 40' and 48' for ease of transportation
- ▶ Designed to hold and dispense Jet Fuel and AVGAS.
- ▶ Ideally suited for use at airports or small or private aviation fields and remote landing strips



The range builds upon acquired knowledge and experiences and include key features that deliver you huge benefits, such as:

- ▶ Clean rounded lines on the inner tank eliminate stress points and areas for contamination to collect
- ▶ Floor drains to a low point at the front of the tank for water removal
- ▶ All tanks are intermodal. Standard containers can be transported by standard trucks or trains and moved by shipping container handling equipment, without cranes.



### Ultimate Safety

Certified and tested to the highest global standards for bulk fuel storage, UL142, these tanks exceed all relevant Australian Standards for storage of flammable and combustible liquids. When empty, the tank is also an approved, truly intermodal container as classified by CSC to IMO standards.



**Standard HOST Aviation SBT range features:**

- ▶ All tanks are built to UL approval (PLUS AS1940, AS1692, AS1657. A heavier duty design and structure than the Australian Standard).
- ▶ All tanks have rounded corners on both the top and bottom of the tank, providing extra strength in the construction and more importantly does not allow debris or water pooling in the corners or the bottom of the tank.
- ▶ Tanks have sloping floors (from the back to the front and from the sides to the middle). It ensures all water is pooling at the water well. Flat bottom tanks do not provide this benefit, this can result in water pooling and algae growth in the tank, potentially leading to a contaminated product. The water well has a suction tube installed for removal of water through the top of the tank.
- ▶ Tanks come standard with emergency vents on the primary tank and interstitial section or bunded part.
- ▶ All tanks are designed to be viewed from underneath as per AS1940 and more importantly to provide air flow to the base of the tank. The tank floor is elevated off the ground and is open at the sides allowing visual inspection and air flow to prevent moisture build up, which promotes corrosion on the bottom of the tank. Standard flat tanks don't allow this type of airflow to naturally occur.
- ▶ Overfill valve, Anti-syphon valves and High Level Alarms are supplied as standard on all tanks.
- ▶ The fill line has a standard stainless steel 80 mm Isolation valve and Check valve fitted.
- ▶ All tanks come with an Anodised Dipstick.
- ▶ The pressure or suction pipe is fitted with an 80 mm Isolation valve.
- ▶ The tanks roof is designed to cascade water off its surface, reducing corrosion.



**See over page  
for models, sizes  
and pumping and  
dispensing solutions.**

*HOST ISO Aviation SBT – Safely store and dispense Jet Fuel or AVGAS. The LFT30 has safe fill capacity of 29,350L.*

**Our standard HOST ISO Aviation Self Bunded Storage Tank packages can be designed to include:**

► A Self Bunded Storage Tank ranging in size from 12,000 to 115,619 litres, manufactured to UL142 (which exceeds AS1940, AS1692 and AS1657) and fitted with a choice of the following options:

**PUMPS**

- Light Vehicle – 80 L/pm
- Heavy Vehicle or high flow – 160 L/pm
- Mining Equipment – 800 L/pm
- AdBlue Solution Pump – On tank and Off Tank
- Ebsray Unloading Pump – up to 1000 L/pm

**FUEL MANAGEMENT SYSTEMS**

- SmartFill, Compac, Transponder and others
- White Card / Company Cards
- CCDCA (Credit Cards)
- Remote Reporting via Web (No Fees)

**TANK GAUGES**

- OPW Nano Tank Gauging
- Remote viewing of tank volumes
- High and Low Alarms

**METERS**

- Electronic or Mechanical Registers
- TCS meters or others



**BULK DISPENSING EQUIPMENT**

- Liquip Loading Arms – up to 1800 L/pm
- Liquip Control Consoles and Metering
- Liquip Over Fill Control Systems
- Liquip Dead Man Switch

**Talk to your Liquip Victoria sales team member to obtain pricing, supply and delivery or for more information about our other storage solutions.**

**HOST ISO Aviation Self Bunded Tank sizes and models available for fit out by Liquip Victoria**

Tank Model	Maximum Capacity (Litres) (nominal)	Safe Fill Capacity (Litres)	Tank Length (metres)	Tank Width (metres)	Tank Height (metres)	Empty Tank Weight (kg)	Dispensing options	Liquid Storage Options
LFT12	12,000	11,240	2.991	2.438	2.896	4,300	Pump Bay	AVGAS or Jet Fuel
LFT30	30,500	29,350	6.058	2.438	2.896	6,950	Pump Bay	AVGAS or Jet Fuel
LFT68	69,000	65,570	12.192	2.438	2.896	12,750	Pump Bay	AVGAS or Jet Fuel
LFT80	81,500	78,811	14.630	2.438	2.896	14,910	Pump Bay	AVGAS or Jet Fuel
LFT100	101,192	96,132	14.630	2.438	3.200	17,100	No Pump Bay	AVGAS or Jet Fuel
LFT110	115,619	109,838	14.630	2.438	3.550	19,100	No Pump Bay	AVGAS or Jet Fuel

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