

Signature Flight Support (SIC 4581)

Sublessees: General Dynamics and West Star Aviation

Signature Flight Support is a large fixed-base operation (FBO) providing general aviation services at Dallas Love Field. The FBO can be divided into three major leasehold areas:

1. North Parcel: this area consists of four hangars, which are subleased to Gulfstream, West Star Aviation.
2. North Base: includes hangars for aircraft storage and maintenance, the FBO operations building, and a fuel farm. The fuel farm consists of four 48,000-gallon underground storage tanks (UST) for Jet A, three 20,000-gal USTs, (holding diesel and gasoline), and one 1,000-gal UST for sump fuel. All fuel trucks are parked away from storm drains.
3. South Base: this facility includes hangars for aircraft storage and maintenance, the FBO terminal building, and a fuel farm. The fuel farm contains six 20,000-gal Jet A USTs, two 10,000-gal AvGas USTs, and one 10,000-gal gasoline UST. A fuel truck staging area is located here as well.

Veeder Root and OPW monitoring systems check all USTs for leaks monthly. The north base farm has a 3,000-gallon clarifier in case of major spills and the South base has secondary containment. The FBO operates eleven fuel trucks for delivery of Jet A, AvGas, gasoline and diesel fuels. Spill response kits are located on each fuel truck and spill response carts are stationed in strategic locations throughout the leasehold.

The drains in Hangar 4 are connected to an oil/water separator before discharging into the sanitary sewer system. The other hangar drains filter through sand traps and then flow into the sanitary sewer. Each hangar has a waste oil containment area where waste is stored, covered and in secondary containment, pending removal by an approved contractor.

Signature also provides de-icing services for aircraft. A 6,000-gal double-walled aboveground storage tank (AST) holds Type I propylene glycol for this purpose. Anti-icing fluid, Type IV propylene glycol, is stored in plastic totes (250-gallon capacity). De-icing/anti-icing activity is conducted on the designated deice pad located at Dalfort Fueling. This location is bermed and residual deice fluid is collected with a vacuum for proper disposal.

Chemical Inventory		
<i>Item</i>	<i>Quantity/Where stored</i>	<i>Comments</i>
Prist fuel additive	2 drums/at fuel farm	
TKS Fluid	30 gallons/inside hangar	
Lubricants	4 drums/inside hangar	
Propylene Glycol	6000-gal AST	
Propylene Glycol	250-gal plastic tote	
Jet A fuel	UST's	See narrative above
AvGas	UST's	See narrative above
Gasoline	UST's	See narrative above
Diesel	UST's	See narrative above