

## **Southwest Airlines (SIC 4512)**

*Subtenants: Skytanking USA, Inc., Budget Car Rental.*

Southwest Airlines is the largest commercial air carrier currently operating out of Dallas Love Field Airport. They have been a tenant since June of 1971.

The Southwest leasehold can be divided into five main areas:

1. Maintenance facility on the west side
2. Corporate headquarters off Denton Drive
3. Terminal complex
4. General Use Building (Cargo, Provisioning, GSE)

Southwest maintains several gates at its terminal. At each gate, small quantities of “immediate use” oil are stored, intended for use within 24 hours. In addition, absorbent, waste oil, and new oil in cases are stored under cover near each gate. All waste oil is in secondary containment. Spill kits are located throughout the ramp area.

Southwest Airlines leases the fuel farm located on the south side of the airport from the City of Dallas and has hired Skytanking USA, Inc. as the Operator. Aircrafts are fueled through a hydrant system by Sky Tanking employees. No fueling trucks are used.

All maintenance hangars and aircraft wash rack drains are connected to oil/water separators prior to discharge into the sanitary sewer system. The hangars have AFFF (Aqueous Film Forming Foam) systems in case of fire. When AFFF is discharged, valves in storm drains automatically close to provide a retention system, which is evacuated using a vacuum truck. Water pumps that discharge non-contact, potable water to the sanitary sewer are activated every Friday as part of a fire protection test procedure.

Provisioning trucks and all ground support equipment are washed in two designated outdoor wash racks. The drains are connected to an oil/water separator prior to discharging into the sanitary sewer system. All oil/water separators are serviced on a maintenance schedule. Both oil/water separators at the maintenance facility are exempt from registration due to being permitted through the City of Dallas Sanitary Sewer Pretreatment Permit.

Deicing: During inclement weather, deicing and anti-icing are performed on Southwest aircraft. Approximately 50 gallons of a 50/50 mixture of propylene glycol to water is used on each aircraft requiring deicing. Annual usage of this mixture is typically less than 8,000 gallons. SWA has (1) 12,000 gal tank for Type 1 and (1) 8,000 Type 1 temporary tank and (1) 6,000 Type 1V Tank

<b>Chemical Inventory</b>		
<i>Item</i>	<i>Quantity/Where stored</i>	<i>Comments</i>
Lubricant	Several cases/ramp area	Under cover
Hydraulic fluid	Several cases/ramp area	Under cover
Engine oil	Several cases/ramp area	Under cover
Wash soap	Several totes/hangar wash racks	Under cover
Isopropyl alcohol	Several small containers/inside hangar	
Mineral spirits	Several small containers/inside hangar	
Paint with methyl ethyl ketone and toluene	Several small containers/inside hangar	
Denatured alcohol	Several small containers/inside hangar	
Acetone	Several small containers/inside hangar	
Degreaser	Several drum/outdoor storage unit	Under cover
Engine wash	Several drums/outdoor storage unit	Under cover
Aircraft wax	Several drums/outdoor storage unit	Under cover
Floor cleaner	1 drum/outdoor storage unit	Under cover
Carpet cleaner	1 drum/outdoor storage unit	Under cover
AFFF	1850 gal/indoors	
Used oil	500 gal double-walled AST	Disposed of by contractor
Used oil	250 gal double-walled AST	Disposed of by contractor
Propylene glycol	500 gal and three 6,000 gal ASTs	In secondary containment or double-walled
Transmission fluid	750 gal double-walled AST	Stored indoors