

LUKE AIR FORCE BASE, POL YARD



Project Size:
\$255,000
Project Service Dates:
Spring 2003
Project Location:
Glendale, Arizona



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Project Description:

- This turn-key design/build project required (1) decommissioning and closure of a 50,000-gallon underground storage tank (UST) jet-fuel system; (2) fabricating & installing 500 feet of AST product piping to replace storage capacity lost with the decommissioned UST system; (3) the design & installation of a 5,000-gallon waste oil UST system to service all flight-line air craft maintenance operations.
- Completed under extremely strict operational demands of the United States Air Force - all jet fueling UST system decommissioning work required completion concurrent with upgrade of the adjacent AST system in order to eliminate jet-fueling operation down time, and maintain active air defense military operational capacity.
- Project work tasks included:
 - removal of 50,000-gallon JP-8 jet-fuel UST system;
 - removal & disposal of +1500 gallons JP-8 jet-fuel product;
 - soil sampling and reporting to state regulatory agency;
 - design and construction of temporary storage facilities for soil stockpiles, wastewater holding facilities, and two decommissioned UST systems;
 - management and disposal of all investigative derived waste, UST, and demolition debris;
 - fabrication and installation of new AST product piping & product pumps;
 - operational testing of new AST product piping & pumping systems;
 - excavation and removal of a 2,000 gallon waste oil UST system;
 - excavation shoring design & installation on an active jet fighter flight line;
 - installation & operational testing of a 5,000-gallon waste oil UST;
 - delineation of public and private utility service lines;
 - coordination with the State Fire Marshal Inspector.

