

# FUELING THE FUTURE OF THE DOD



***From fuel system inspection, design, construction, facility maintenance and minor repairs, and API tank rehabilitation, Weston is on the cutting-edge of technology to modernize aviation and ground fuel distribution systems.***

## FULL LIFE CYCLE SOLUTIONS

We design, build, and rehabilitate fuel storage and delivery systems for the U.S. Military, ensuring a clean, dry fuel supply. Our team collaborates to tackle projects from all angles, providing reliable solutions.

- Our certified engineers, technicians, and site superintendents bring expertise in facility O&M, API/STI/NACE inspections, engineering assessments, direct design, and construction. By managing all mechanical, electrical, civil, and API 653 designs in-house, we ensure high standards are met while minimizing operational disruptions.
- Weston has executed 450+ projects valued at \$1.28B since 1997 using our fuel-specific ID/IQ contracts with AFCEC, NAVFAC, USACE Omaha, and CEHNC. We are currently performing fuel systems maintenance, sustainment, repair, and modernization at 150+ locations for the Air Force, Navy, Marines, Army, and Defense Fuel Support Points globally.
- We offer cradle-to-grave capabilities for technical consultation, facility inspection, engineering design, design-build construction, and recurring maintenance and minor repairs. We handle every step with consistent quality and unwavering safety, while maximizing the schedule.
- We specialize in managing DoD remote sites, including those with logistical challenges and access issues, by training and employing specialty teams across the world.

## TECHNICAL CAPABILITIES AND EXPERTISE

**We optimize aviation and ground fuel systems for clients, ensuring life-cycle efficiency by identifying challenges early to prevent costly repairs and minimize disruptions.**

- Fueling System Recurring Maintenance, Minor Repair, and Upgrades
- Rapid Response and Emergency Services
- In-house DoD Fueling System Design
- Facility Risk Assessment Surveys Including Operations, Equipment, and Safety
- UST/AST Tank Cleaning, Installation, Repair, and Upgrades
- Engineering Assessments, Studies and Requirements Development per UFC
- Asset Tracking, Integrity, and Maintenance
- Full-service Inspections: API 653, 570, and 510; STI-SP001; and State Environmental Compliance and SPCC Inspections
- Title I and Title II A-E Services
- Transfer of Pipelines
- Safe Fuel Distribution Systems



## Clean, Inspect, and Repair Tanks 46, 53, 9-3, and 9-4, Pearl Harbor, HI

- Cleaned, inspected, and repaired Tanks 46 and 53 in accordance with API 653 and STI standards
- Replaced fuel system piping and valves from Tank 46 to pump house
- Implemented solutions to accommodate independent and simultaneous service of both tanks without service disruptions



## Site Access and Safety Improvements, Upgrade Piping System, and Truck Loading Facilities at Marine Corps Air Station, Quantico, VA

- Installed 10 new expansion loops to control hydraulic and thermal expansion, and installed a new thermal relief valve (TRV) system for entire facility, which included 70 TRVs that cascade back to tanks
- Replaced portions of JP-8 filtration and issue piping
- Installed new JP-8 filtration system including two new stainless steel horizontal coalescing filter separators, which are rated at 300 gallons per minute and meet API 1581 and UFGS Aviation Fuel Distribution and Dispensing requirements



## Various Fueling System Repairs at Hanchey Airfield, Ft. Rucker, AL

- Performed design- build electrical and mechanical work
- Repaired concrete pavement, bollards, guard railings, containment walls, flexible membrane liners, and drainage systems
- Performed mechanical and electrical upgrades including installation of offload skids, filter separators, fuel line manifold, refueler parking lighting, PLC system upgrade, and AST piping modifications



### **Repairs to Fuel Storage Tanks at DFSP Craney Island, VA**

- Repaired 11 fuel storage tanks
- Performed API 653 tank inspections and design and mechanical repairs
- Repairs included welding, interior/exterior coatings, high-level and low-level alarms, and extensive scaffolding for painting and blasting work



### **Recurring Maintenance and Minor Repair, 140+ DoD Installations Supporting Air Force, Army, Navy, and Marine Service Branches, 37 States, DLA Energy Petroleum Facilities**

- Since 2013, successfully delivered multi-region program for CEHNC completing over 10,000 projects valued at \$400M+ across 140+ locations in 37 states, and Guantanamo Bay, Puerto Rico, Cuba, Bahamas, and Honduras
- Performing annual maintenance, inspections, minor repairs, and emergency response actions for DLA capitalized petroleum facilities and systems composed of storage tanks, piping, ancillary equipment and appurtenances, and associated containment
- Incorporated the General Services Administration (GSA) process into all applicable contracts



### **Emergency Fuel System Repairs, Edwards AFB, CA**

- Refurbished two Type III fueling systems including PLC circuits and electrical infrastructure
- Installed three commercial fuel truck offload stations
- Inspected and repaired 7 JP-8 ASTs and 11 diesel ASTs including civil work for parking



## Title I Engineering Assessment for POL Air Force Materiel Command Facilities (Plant 42 AFB, CA; Eglin AF Auxiliary Field, FL; Wright-Patterson AFB, OH; Tinker AFB, OK; and Hill AFB, UT)

- Identified and validated 630 deficiencies at 14 fuel facilities at 5 U.S. bases
- Prioritized upgrades, demolition, and/or replacement requirements
- Conducted field assessment surveys to obtain design data
- Prepared contract plans, specifications, cost estimates, and schedules



## Design and Repairs for Various Fuel Systems, Travis AFB, Fairfield, CA

- Performed mechanical, electrical, coatings, civil, and canopy repairs and provided upgrades to emergency shutdown systems
- Inspected, designed, and performed constructability review, submittal review, field change assessments, and commissioning

### FOR MORE INFORMATION, CONTACT:



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