

U. S. Coast Guard Air Station Sacramento

Construct C-27 Beddown

Project Overview

Sustainable Group key personnel performed the on-site construction services required to base the new C-27 air frame at Air Station Sacramento.

Reference

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Representative
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Project Description

This multi-faceted project prepared Air Station Sacramento for the home basing of several new C-27 air frames as a replacement for the older C-130 aircraft. The broad scope of work included the complete design and construction of a bulk 3,000 gallon Liquid oxygen (LOX) storage and dispensing system, the installation of 108 aircraft tie downs into the operational TARMAC, the strengthening of rails and installation of new cranes in the Prop/Eng shop, widening and installing a new door for the Prop/Eng shop, explosion proofing the main hanger battery shop, and installation of new modular furniture and lockers throughout the Air Station.

Sustainable Group key personnel self-performed many of the construction aspects of the project. The project was completed on time and within budget despite the discovery of possible contaminated soil underlying the project site. This discovery ultimately led to a redesign of the tie downs and of the LOX area in order to limit soil disturbance and to make funds available within the project to properly handle and potentially dispose of the expected contaminated material which ultimately led to a



Tie down concrete placement (1 of 108)



Successful crane load testing

Key Personnel Certifications

PE, LEED AP, PMP, CFM, QSD/
QSP

Sustainable Group is a Service
Disabled Veteran Owned Small
Business Corporation.



Canopy structural steel erection



Final LOX station construction

credit back to the Coast Guard. In addition, this project now serves as the model for C-27 beddown throughout the Coast Guard.

About Sustainable Group

Headquartered in Moraga, California, Sustainable Group Inc. is a premier licensed General Contractor (CA #966993, HAZ) providing general construction environmental remediation, demolition, civil site development, and marine construction services. Sustainable Group also offers Leadership in Energy and Environmental Design (LEED) expertise pertaining to renewable energy and sustainable sites, as well as overall facilities management consulting services. Sustainable Group key personnel have over 22 years of experience in successfully executing projects and performing expert facilities management for multiple Federal entities including the Department of Homeland Security, Department of Energy, Department of Defense, Department of Transportation, and the Army Corps of Engineers.

Let's Discuss Your Needs

Sustainable Group will become a highly valued and trusted resource that you'll rely upon to consistently provide expert, efficient and professional construction, remediation, demolition, LEED, and facility management consulting services. Contact us at your convenience; we look forward to discussing your needs.

For more information, call us at **925-899-9721**, or email info@sustainable-group.com.