



Ellsworth Air Force Base

Skyline has been involved in projects at Ellsworth Air Force Base since 2008 and we have developed strong working relationships with facility and contracting personnel. Our involvement has included numerous studies and design of retrofit projects to improve the energy efficiency of EAFB facilities.

Our project work at EAFB has generally been performed under long term IDIQ, MATOC, and MACC contracts using design-build and traditional design-bid-build delivery methods.

Repair 7520 for Equipment Relocates

This project included the renovation of the north storage area of Building 7520. A study was performed to determine the best method to relocate, reinstall, and provide utilities to the equipment.

Repair Boiler Systems - North Docks

The project consisted of the review, study, and development of a statement of work for miscellaneous HVAC systems in eight buildings at Ellsworth Air Force Base. Areas of consideration were higher efficiency boilers and chillers, VFDs for air handling units and pumps, demand based ventilation, control and sequence revisions and replacement of steam systems with hot water systems.

Repair Boilers/HVAC System - South Docks

Project included design and investigative services for eight airplane hangars on the flight line. Investigative services included the review, study, and development of alternatives to reduce energy consumption in each facility. Areas of consideration were replacement of boilers, chillers and associated pumps with higher efficiency units; revised control sequences, demand based ventilation, and replacement of steam systems with hot water systems.

Repair Energy Systems to Renewable - Historic Hangars

This project consisted of the review, study, and development of an investigative report which analyzed changing the existing HVAC systems in two buildings at Ellsworth Air Force Base to ground source systems.

Repair HVAC to GSHP

Project included design and investigative services to convert existing HVAC systems in three facilities to ground source heat pump systems and other renewable energy technologies. A major focus of the study included development of alternatives for geothermal well field locations.

Repair to LEED Bldg 7918 and 7925

Project involved the replacement and repair of mechanical equipment and lighting in two buildings. Retro commissioning of the HVAC systems for both buildings was also included in this project.

FAMCAMP

The project scope included a new 100 KVA, 7,200VAC-250/120V pad mounted transformer replacing an existing 25KVA transformer.

Dust Collection and Ventilation System - Range C

This design-build project enclosed the existing outdoor 25 meter CATM C Range within a new structure, creating a fully contained indoor firing range with a new ventilation system designed to minimize occupant exposure to lead and heavy metal particulate.

Vehicle Maintenance Facility

Mechanical and electrical design to upgrade existing HVAC systems in a large maintenance facility. This project included the complete replacement of the ventilation system with a new variable capacity system with a more robust plate-type heat exchanger. Improvements also included replacement of the existing steam system with a high-efficiency low temperature heating water system and modifications to the tailpipe exhaust system to make it more user-friendly and energy efficient.