

Project Summary

Rocky Mountains Cooperative Ecosystem Studies Unit

Project Title: Air Force Space Command Cultural Resources Condition Assessment
Methodology
Discipline: Cultural
Type of Project: Technical Assistance
Funding Agency: National Park Service
Other Partners/Cooperators: Colorado State University
Effective Dates: 5/1/2007-12/1/2008
Funding Amount: \$78,000

Investigators and Agency Representative:

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Project Abstract: The National Park Service, Heritage Partnerships Program, is working with the Department of Defense to protect and preserve cultural resources on military lands. Air Force Space Command (AFSPC) manages and maintains a variety of important historic Air Force resources, some of which are nationally significant and are designated National Historic Landmarks, the highest level of historic recognition. NPS, Colorado State University and the AFSPC will cooperate to produce a cultural resources condition assessment methodology that uses a standardized system of inspecting and evaluating the physical condition of AFSPC historic buildings and structures. Provide a process for in-depth inspections to assess the condition of deteriorated and damaged buildings and structures and their components that provide historic resource managers/facility managers with valuable information to help them preserve and secure maintenance and repair funding with the objective to help to improve the overall condition of historic resources managed and administered by AFSPC installations. The condition assessment methodology should establish a useful format to evaluate the existing physical condition, fire and health safety issues, make recommendations and estimate the costs for corrective measures. Using a standardized list of building/structure elements ranging from site work to mechanical systems, the program should rank the historic significance of each element, identify the quantity of material, determine its condition and estimate the cost of repair. Needed repairs should be ranked according to the level of urgency.

Outcomes with Completion Dates: Due by May 1, 2008:

1. Produce a building/structure condition assessment computer based software that generally is modeled after the attached National Historic Landmarks "Building Condition Assessment Program". The software program should be able to produce a number of reports including individual building/structure condition assessment reports, Air Force installation reports (summary of all individual building/structure reports) and Space Command reports (summary of all AF installation reports.) The software program should be user friendly and be compatible with laptops (or other mobile devices that support MS Access) to allow work in the field. The program must be compatible with AFSPC facility management, GIS, and other AF programs dealing with building and structure assessments. The software program must include a cost estimating tool.

2. Produce a condition assessment program user's manual in pdf format that complements the computer software program including sections dealing with software user's guide, field operations and producing reports.
3. Field test the computer software and user's guide using AFSC installations (Cultural Resources and Facility Management Divisions) and fine tune the products according to feedback from the results of the field testing.
4. Produce a final product and computer software and other materials on CD to be downloadable on existing AF and NPS computers.

Keywords: Air Force Space Command, Department of Defense, National Historic Landmarks, condition assessment, NPS-Intermountain Regional Office, Heritage Partnerships Program, Colorado State University

For Administrative Use Only:

Date Annual Report Received:

Date Final Report Received:

Publications, etc. on file: