



# Department of Defense Legacy Resource Management Program

PROJECT 09-351

## **Managing Cultural Resources: Compiling and Storing the Data**

Carrie J. Gregory

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# Managing Cultural Resources Compiling and Storing the Data

*Carrie J. Gregory*



Department of Defense  
Legacy Resource Management Program  
Project 09-351

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and



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The Legacy Resource Management Program (Legacy) provides financial assistance to the U.S. Department of Defense (DoD) in support of their efforts to preserve our cultural and natural heritage. Working with the DoD on a Legacy-funded project is rewarding, especially when assisting military managers with one of their big issues: data accessibility.

Statistical Research, Inc. (SRI), would like to acknowledge several individuals who assisted in making this a successful study. Primarily, we would like to thank Ms. Karen Van Citters, Van Citters: Historic Preservation, LLC (VCHP), for her collaboration as a partner on this project. Dr. Timothy Sawyer, VCHP, provided invaluable support during the preparation and implementation of the project and served as an essential team member. The team appreciates the assistance of Ms. Hillori Schenker and Ms. Cecilia Brothers, Legacy cultural resource management specialists who, as our Legacy contacts, provided assistance on all things Legacy related. Additionally, Ms. Brothers provided on-site and technical support during the team's visit to the Legacy office.

SRI is most grateful to the assisting staff at each of the four installations in this study. Without their support and commitment, this study would not have been possible. Each installation graciously accommodated the SRI team, through site visits and correspondence. SRI is especially appreciative of the cultural resource personnel at each installation, who accepted our study proposition, sponsored us on base when necessary, and provided access to cultural resource files and real property personnel. Special thanks are extended to Ms. Gwen Lisa, natural/cultural resources manager, Davis-Monthan Air Force Base (AFB); Ms. Jaynie Hirschi, cultural resources manager, Hill AFB; Ms. Valerie Renner, cultural resources manager, Kirtland AFB; and Mr. James Carucci, cultural resources manager, Vandenberg AFB. Assisting staff include Ms. Sheri McNamara, chief of real property, Davis-Monthan AFB; Ms. Lynda Thurgood, realty officer, Hill AFB; Ms. Sheryl Krieg, lead real estate assistant, Kirtland AFB; and Mr. James Denton, real property technician, Vandenberg AFB.

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## LIST OF ACRONYMS

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ACES-RP	Automated Civil Engineer System—Real Property
AFB	Air Force Base
AFMC	Air Force Materiel Command
CRM	cultural resource management
DENIX	Defense Environmental Network and Information Exchange
DoD	Department of Defense
EO	Executive Order
GPR	ground-penetrating radar
HABS	Historic American Buildings Survey
HAER	Historic American Engineering Record
IAL	International Archaeological Lifts
ICBM	intercontinental ballistic missile
ICRMP	Integrated Cultural Resource Management Plan
IRBM	intermediate-range ballistic missile
LF	Launch Facility
MMF	Missile Maintenance Facility
MS	Microsoft
MTK	Missile Tracking Site
NHL	National Historic Landmark
NHPA	National Historic Preservation Act
NRHP	National Register of Historic Places
OCR	optical character recognition
PDF	Portable Document Format
RPIR	Real Property Inventory Requirement
SHPO	State Historic Preservation Officer
SLC	Space Launch Complex
SRI	Statistical Research, Inc.
VCHP	Van Citters: Historic Preservation, LLC



## EXECUTIVE SUMMARY

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The U.S. Department of Defense (DoD) has long recognized a need for effective and consistent management of its cultural resources. As required by Section 106 of the National Historic Preservation Act (NHPA), the DoD has to consider the effects of its activities on properties listed in or eligible for listing in the National Register of Historic Places (NRHP) (i.e., historic properties). Pursuant to Section 110 of the NHPA, the DoD must also assume responsibility for the preservation of historic properties owned or controlled by the agency. Facility inventories and evaluations have been and continue to be primary among the cultural resource management (CRM) activities conducted in order to meet these requirements.

This Legacy Resource Management Program– (Legacy-) funded study was completed by Statistical Research, Inc. (SRI), and Van Citters: Historic Preservation, LLC (VCHP), and was set out to be a combined phase two of Legacy projects 07-285 and 07-351. In 2008, SRI identified DoD Cold War facilities and associated documentation at four U.S. Air Force bases and created a systematic approach for identifying, compiling, and analyzing Cold War data. The results were documented in *Recording the Cold War: Identifying and Collecting Cold War Resource Data on Military Installations* (Legacy project 07-285) (Gregory and Tagg 2008). Also in 2008, VCHP established a standard methodology for the collection, storage, and retrieval of cultural and historical resource information and historical assets of DoD lands. The methods were provided in *Guidance for CRM Information Clearinghouse* (Legacy project 07-351) (VCHP 2008).

The primary objectives of this project (Legacy project 09-351) were defined as follows: (1) to scan the Legacy library's hard-copy reports, (2) to add the Cold War documents collected during Legacy project 07-285 to the CRM Information Clearinghouse document organizer developed during Legacy project 07-351, and (3) to augment the facility-specific data collected during Legacy project 07-285 with pre-1945 facility-specific data from Davis-Monthan Air Force Base (AFB) in Tucson, Arizona; Hill AFB near Ogden, Utah; Kirtland AFB in Albuquerque, New Mexico; and Vandenberg AFB near Lompoc, California. Following the methods developed during Legacy projects 07-285 and 07-351, this project was designed to provide CRM data collection on DoD installations, to populate the Cultural Resource Area on the Defense Environmental Network and Information Exchange (DENIX), and to capture the labor and expense metrics of the process.

The data-collection task resulted in indentifying pre-1945 facilities at each of the four bases. These data complement the data collected in 2008 regarding post-1944 facilities and therefore provide each base with the same level of information for all existing facilities, including the NRHP status for each facility and associated report citations. The number of existing pre-1945 facilities at each of the four installations ranged from 15 to 200, with three bases each administering less than 60 pre-1945 facilities. The percentage of pre-1945 facilities evaluated for NRHP eligibility ranged from 13 to 100, with three bases having more than 95 percent of their facilities evaluated. The percentage of evaluated facilities with State Historic Preservation Officer (SHPO) concurrence ranged from 0 to 100, with three bases having more than 90 percent of their NRHP recommendations concurred with by the SHPO. In regard to electronic documents, the team acquired 32 and scanned 76 documents, providing 108 CRM documents for eventual upload to DENIX or a similar platform.

Cost analyses were performed for data-collection and scanning tasks. Analyses showed that the cost to collect facility-specific and bibliographic data from military installations ranges from \$8,000 to \$19,000, depending on the number of facilities. The analyses demonstrated that, in a 1-week trip to a repository or installation, a contractor could be expected to scan (sheet feed only) about 38 documents, for a cost of \$6,650, or \$175 per document.

This project provided the following benefits: (1) gathering pre-1945 facility-specific data that will complement the originally collected Cold War data, providing the same level of information for all pre-1992

facilities at all four installations; (2) establishing a procedure for creating searchable electronic documents that can be employed at any repository; (3) providing electronic copies of important national, regional, and local contexts and other important CRM documents for intended use by a wide DoD audience; and (4) providing important labor metrics to DoD leadership so they can begin planning for DoD-wide data collection and sharing.

# Introduction

The U.S. Department of Defense (DoD) has long recognized a need for effective and consistent management of its cultural resources. As required by Section 106 of the National Historic Preservation Act (NHPA), the DoD has to consider the effects of its activities on properties listed in or eligible for listing in the National Register of Historic Places (NRHP) (i.e., historic properties). Pursuant to Section 110 of the NHPA, the DoD must also assume responsibility for the preservation of historic properties owned or controlled by the agency. Facility inventories and evaluations have been and continue to be primary among the cultural resource management (CRM) activities conducted in order to meet these requirements.

Inventories and evaluations became a priority in the 1990s, as numerous Cold War assets began turning 50 years old and, therefore, required evaluation for NRHP eligibility. In the early 1990s, the DoD designated the identification and protection of Cold War properties as one of its nine Legacy Resource Management Program (Legacy) focus areas. In 1993, in an effort to support this initiative, the U.S. Air Force prepared *Interim Guidance: Treatment of Cold War Historic Properties for U.S. Air Force Installations* (U.S. Air Force 1993). The growing number of potentially historic Cold War properties on DoD installations led to the development of general and commandwide historic contexts that guided installation cultural resource managers. In the 15 years that followed, installations and commands prepared hundreds of historic contexts, inventories, evaluations, and guidance documents, and agencies sponsored workshops to discuss CRM best practices and to share ideas. Often, projects operated in a vacuum, given that there were no mechanisms for sharing data across the DoD or even within individual major commands. Although there are no executive agency responsibilities in the new DoD Instruction, the U.S. Air Force remains committed to developing a systematic approach to addressing CRM issues.

Two workshops were held in 2006 that explored the way the DoD managed its cultural resources. The *Workshop on Updating Guidance for Management of Cold War–Era Properties on Military Installations* (Legacy project 05-285) (Tagg et al. 2006), held in Tucson, Arizona, looked at preparing Cold War inventories with a programmatic approach, rather than on an installation-by-installation basis. The workshop recommended that the DoD (1) identify and compile existing data, (2) create a data warehouse for storing these data and make them available to installation-level cultural resource managers, (3) update the *Interim Guidance* (U.S. Air Force 1993), and (4) provide an executive-level briefing to the DoD. The objectives of the 2006 DoD Cultural Resources Workshop (Legacy project 06-294) held in Seattle, Washington, were to (1) identify and prioritize the needs for CRM across the DoD, (2) examine the current state of CRM practices across the DoD, and (3) identify the gaps in knowledge and technology. One of the recommendations to come out of the workshop was the development of a CRM Information Clearinghouse (Clearinghouse) that would allow DoD staff to electronically share information, such as project reports, data sets, and preservation tools. Fact sheets for the 2006 workshops are provided in Appendix A.

Two follow-on demonstration projects explored facets of the workshops' many recommendations. In *Recording the Cold War: Identifying and Collecting Cold War Resource Data on Military Installations* (Legacy project 07-285) (Gregory and Tagg 2008), Statistical Research, Inc. (SRI), identified DoD Cold War facilities and associated documentation at four U.S. Air Force bases and created a systematic approach for identifying, compiling, and analyzing Cold War data. In *Guidance for CRM Information Clearinghouse* (Legacy project 07-351), Van Citters: Historic Preservation, LLC (VCHP), established a standard methodology for the collection, storage, and retrieval of cultural and historical resource information and historical assets of DoD lands (VCHP 2008). Fact sheets for these two projects are provided in Appendix A.

This Legacy-funded study was completed by SRI and VCHP and was set out to be a combined phase two of Legacy projects 07-285 and 07-351. As expected, the goals for the data-collection and Clearinghouse projects merged, as the data from the former required storage in the latter. The primary objectives of this project were defined as follows: (1) to scan the Legacy library's hard-copy reports, (2) to add the Cold War documents collected in 2008 to the Clearinghouse document organizer, and (3) to augment the data collection at the four Cold War-study installations (Davis-Monthan Air Force Base [AFB] in Tucson, Arizona; Hill AFB near Ogden, Utah; Kirtland AFB in Albuquerque, New Mexico; and Vandenberg AFB near Lompoc, California) (Figure 1). Following the methods developed in Legacy projects 07-285 and 07-351, this project was designed to collect the remaining facility data so that each of the four bases has the same level of information for all existing facilities, including NRHP status and associated report citations; to scan cultural resource documents for eventual population of the Cultural Resource Area on the Defense Environmental Network and Information Exchange (DENIX); and to capture the labor and expense metrics of the process.

This report is divided into five chapters. Following this introduction, Chapter 2 provides the project objectives and methods. The results of the study are presented in Chapter 3, and the conclusions are presented in Chapter 4. As mentioned above, Appendix A contains fact sheets for Legacy projects 07-285 and 07-351. Appendix B provides simple procedures for scanning hard-copy documents, and Appendixes C and D contain the raw data collected at the four bases and the Legacy office.

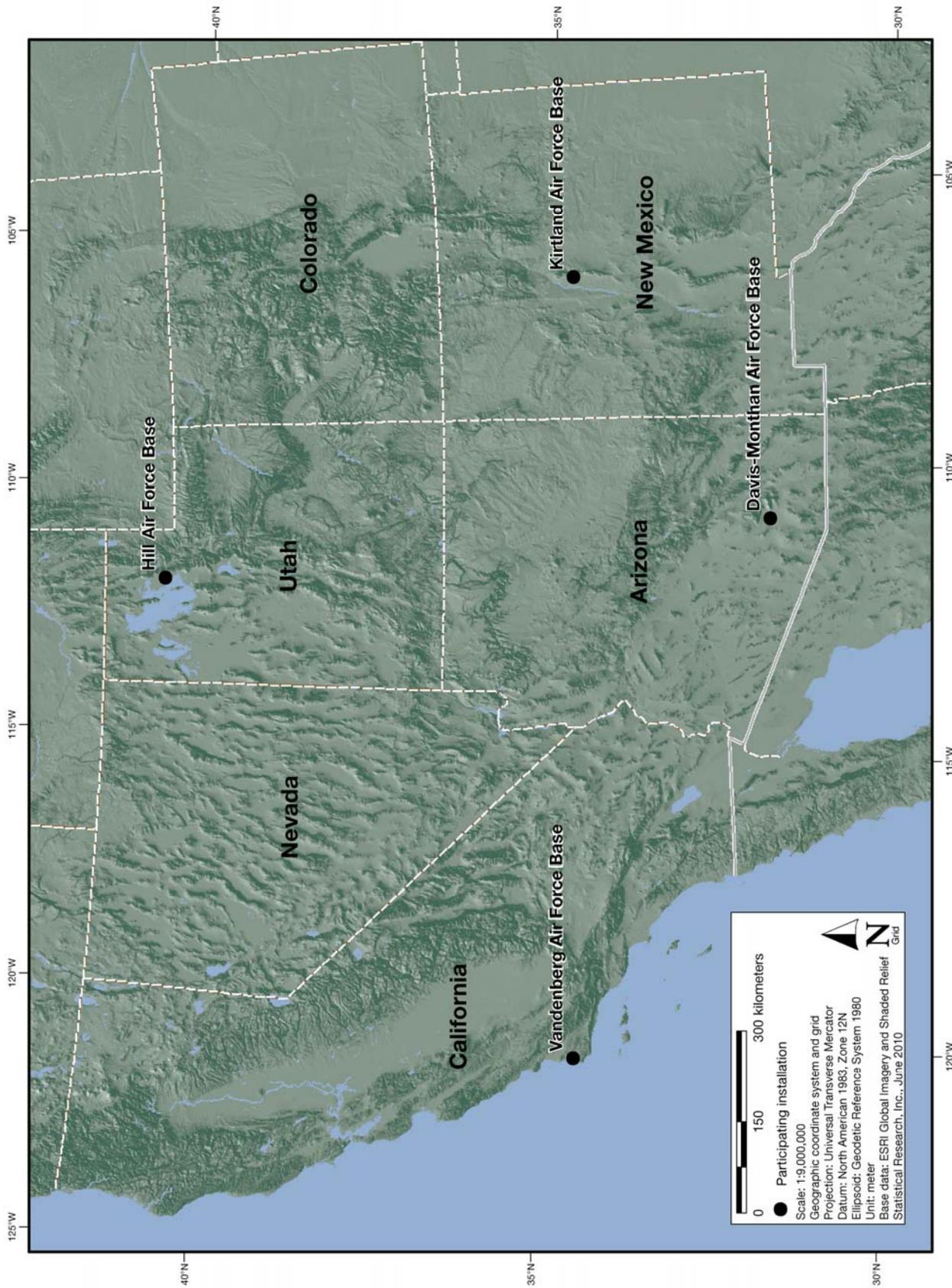


Figure 1. Location map of participating installations.



## Project Objectives and Methods

### Objectives

This study had several goals: (1) to collect the pre-1945 facility data at the four Cold War–study installations (Davis-Monthan AFB, Hill AFB, Kirtland AFB, and Vandenberg AFB) needed to complete the data-collection process; (2) to complete the Clearinghouse document organizer for all reports collected during the Cold War study; (3) to collect additional reports from the Cold War–study installations that would benefit other cultural resource managers; (4) to determine the best methods for scanning hard-copy reports; (5) to scan reports from the Cold War–study installations, if not available in electronic format; (6) to visit the Legacy office and scan hard-copy reports located there; (7) to complete the Clearinghouse document organizer for all reports collected; and (8) to prepare time and cost metrics for the process. To accomplish these goals, the project team developed the following methods for identification, collection, analysis, and documentation.

### Methods

#### Identification

The first step was to contact the cultural resource managers at Davis-Monthan AFB, Hill AFB, Kirtland AFB, and Vandenberg AFB and the cultural resource specialists at the Legacy office to garner their participation and identify the available data. The data needed to meet the project goals included pre-1945 facility-specific information originating from real property records and CRM reports from the four installations, electronic CRM reports from the four installations, and a list of hard-copy reports to be scanned from the four installations and the Legacy office. The method for data collection included an initial data call by e-mail, with follow-up site visits when necessary.

#### Facility-Specific Data

The team used the preformatted facility-specific data sheets created in 2008 (Gregory and Tagg 2008) to collect data for pre-1945 facilities. Data included installation name, remote-property name (if applicable), facility number, current nomenclature, construction date, NRHP status, and relevant CRM-report citation(s).

#### NRHP Status

The NRHP-status codes reflect an adapted version of the Real Property Inventory Requirement (RPIR) historic-status code, which was issued in 2005 by the DoD. Born of two federal executive orders (EOs) pertaining to historic properties—Federal Real Property Asset Management (EO 13327) and Preserve America (EO 13287)—RPIR meets the mandate to “report the historic status of each asset—noting if the property has been evaluated for historic status and recording all National Historic Landmarks; historic properties

eligible for, or listed on, the National Register of Historic Places; or properties with contributing elements to historic districts” (Lione 2007:4). SRI used the following revised RPIR categories to record the historic status of each pre-1945 facility in the study:

- NHLI: Individual National Historic Landmark (NHL)
- NHLC: Contributing element of NHL district
- NRLI: Individual NRHP listed
- NRLC: Contributing element of NRHP-listed district
- NREI: Individual NRHP eligible
- NREINSC: Recommended individual NRHP eligible, no State Historic Preservation Officer (SHPO) concurrence
- NREC: Contributing element of NRHP-eligible district
- NRECNSC: Recommended contributing element of NRHP-eligible district, no SHPO concurrence
- NCE: Noncontributing element of NHL-/NRHP-listed/NRHP-eligible district
- NCENSC: Recommended noncontributing element of NHL-/NRHP-listed/NRHP-eligible district, no SHPO concurrence
- DNE: Not NRHP eligible
- DNENSC: Recommended not NRHP eligible, no SHPO concurrence
- NEV: Not yet evaluated

The historic-status code in RPIR is a required field in real property databases of all of the services, and cultural resource managers are mandated to collect this datum. This project fulfilled this need for the four participating bases.

### **Infrastructure**

Many of the properties tracked by the real property office, such as underground tanks and pipes, roads, and curbs, are considered infrastructure and are not typically recorded through architectural inventories and evaluations. Facilities considered to be infrastructure by the project team were not included in this study unless they had been previously inventoried or evaluated.

### **Family Housing**

Family-housing properties were not considered in this study, because they have been privatized and now belong to private contractors, under 50-year leases. These properties are no longer managed by the U.S. military, in terms of assets, but for those cases in which the housing privatization action involved historic properties, such action included a memorandum of agreement or a programmatic agreement, the provisions of which required continuing DoD involvement, to varying degrees. Some real property offices have removed family-housing properties from the installation books, and in some cases, such as Davis-Monthan AFB, the real property office does not even retain records of the buildings. Some regulators feel that the U.S. military retains ultimate responsibility for Section 106 review and associated litigation of undertakings associated with the privatized family housing, especially because these properties may return to DoD ownership after 50 years, but this has not yet been tested (Drs. Paul Green and Jim Wilde, personal communication 2008). For the purposes of this study, the number of family-housing properties was recorded, but very little additional data on these properties were collected (even if the data were available), and they are not discussed in any further detail in this report.

## **Collection**

Collection included synthesizing the facility-specific information received from the data call and resolving discrepancies, acquiring electronic CRM reports, developing a procedure for scanning hard-copy documents,

making site visits when necessary, and completing the Clearinghouse document organizer. Responses from the data call included documents submitted in a variety of formats, via mail and e-mail. The team used methods established during the 2008 projects (Gregory and Tagg 2008; VCHP 2008) to collect data, as discussed in the following sections.

### **Facility-Specific Data Sheets**

The team began by reviewing facility-specific data received from the data call. Data sources included CRM spreadsheets, real property data, and electronic reports. CRM spreadsheets consisted of each installation office's working database of the built environment, and those received were in the form of Microsoft (MS) Excel spreadsheets. Real property information was available electronically in the U.S. Air Force Automated Civil Engineer System—Real Property (ACES-RP). The real property data submitted by the bases to the team consisted of "7115" reports, or U.S. Air Force Real Property Inventory Detail Lists, exported from ACES-RP into MS Excel spreadsheets. The ACES-RP and CRM spreadsheets were reconciled and compiled in the preformatted data sheet. Discrepancies were resolved during site visits and through correspondence. The team reviewed electronic versions of CRM reports and added the NRHP statuses and CRM-report citations to the data sheet.

### **Electronic Documents**

The team then collected the electronic documents acquired during the 2008 project (Gregory and Tagg 2008) and placed them in a new folder, along with additional electronic documents sent in response to this project's data call. Davis-Monthan AFB and Hill AFB submitted all of their data electronically; so, site visits were only performed at Kirtland AFB, Vandenberg AFB, and the Legacy office. In advance of visiting offices and scanning hard-copy documents, the team purchased a high-speed, sheet-feed, mobile scanner and created a brief procedure for scanning hard-copy documents and making Portable Document Format (PDF) files using Adobe Acrobat. Preferences established in the scanning software included the following:

- scan at 300 dots per inch
- recognize text using optical character recognition, or OCR
- add accessibility tags
- use automatic settings for brightness and contrast
- scan in black and white, unless grayscale is chosen

At each site, documents were unbound and scanned (see Appendix B for scanning procedures). Once a document was scanned, the pages were counted by hand, and the quantity was compared to the page count of the Adobe electronic PDF file. This quality-control step assured the team that the sheet-feed scanner had not pulled more than one page at a time. Reports with multisized pages, such as those containing pages sized 8.5 by 11 inches and pages sized 11 by 17 inches, were scanned independently, by page size. Each report was then electronically and manually collated into its original order. The team then rebound documents, if possible. At Vandenberg AFB, three large inventory and evaluation documents included black-and-white photographs glued to sheets of paper, and the team scanned these pages using a small flatbed scanner.

### **Clearinghouse Document Organizer**

The team used the guidance, methods, and preformatted Clearinghouse document organizer developed by VCHP during the 2008 project to collect data for each electronic document, including file name, display

name, author, publishing date, description, expiration date, destination menu—primary home, security level, category, and document location (VCHP 2008). The team placed the Clearinghouse document organizer and all electronic files from Davis-Monthan AFB, Hill AFB, Kirtland AFB, Vandenberg AFB, and the Legacy office on an external hard drive for eventual batch upload to DENIX. Backups were maintained at SRI's Albuquerque office.

## **Analysis**

Analysis included synthesizing data and determining time and cost metrics. Data synthesis included removing housing and uninventoried infrastructure from the facility-specific data sheets and reconciling any remaining inconsistencies. Time and cost analyses were performed on the data-collection and scanning processes, based on labor hours and expense costs.

## **Documentation**

Documentation refers to this report, which describes the data-collection process, identifies and quantifies pre-1945 facilities at four installations, and analyzes time and costs for data collection and scanning. This report is the culmination of the research, analysis, and reporting of this study.

# Results

## Identification and Collection

### Davis-Monthan AFB

Davis-Monthan AFB, an Air Combat Command installation, consists of 10,613 contiguous acres in the southeast corner of Tucson, Arizona, in Pima County, and one remote property south of the main base, on land owned by Davis-Monthan AFB and leased to Pima County (Lisa 2007:1). Davis-Monthan AFB has 15 pre-1945 facilities (see Appendix C). Two have been evaluated with no SHPO concurrence, and 13 have not yet been evaluated. The team acquired three CRM documents from Davis-Monthan AFB, including the current Integrated Cultural Resource Management Plan (ICRMP) (see Appendix D).

### Hill AFB

Hill AFB, a U.S. Air Force, Air Force Materiel Command (AFMC) installation, consists of 961,758 discontinuous acres. The 6,698-acre main portion of the base is located south of Ogden, Utah, in Davis and Weber Counties (U.S. Air Force, AFMC 2007:2–4). Properties administered by Hill AFB include the main base and 75 geographically separate units, or remote properties. Hill AFB has 200 pre-1945 facilities (see Appendix C). All of them have been evaluated, with all but 1 receiving SHPO concurrence. The team acquired seven CRM documents from Hill AFB, including two volumes of the current ICMRP (see Appendix D).

### Kirtland AFB

Kirtland AFB, an AFMC installation, consists of 51,588 contiguous acres in southeast Albuquerque, New Mexico, in Bernalillo County (U.S. Naval Facilities Engineering Command, Pacific Division 2008:E-1). Kirtland AFB has 30 pre-1945 facilities (see Appendix C). All but 1 have been evaluated, and 27 of the 29 evaluated facilities have SHPO concurrence. The team acquired 13 CRM documents from Kirtland AFB, including the current ICRMP (see Appendix D).

### Vandenberg AFB

Vandenberg AFB, administered by U.S. Air Force Space Command, comprises 98,400 discontinuous acres, with the main base located northwest of Lompoc, California, in Santa Barbara County. Properties administered by Vandenberg AFB include the main base and nine geographically separate units, or remote properties. Vandenberg AFB has 52 pre-1945 facilities (see Appendix C). All have been evaluated, with SHPO concurrence. The team scanned 33 and acquired 9 documents from Vandenberg AFB, including the current

Cold War ICRMP, 2 Cultural Resource Management Plans for remote properties, and a programmatic agreement between Vandenberg AFB and the California SHPO (see Appendix D).

## **Legacy**

Legacy was established by Congress in 1990 to provide financial assistance to the DoD and assists the DoD by funding projects that preserve our natural and cultural heritage. The Legacy office is in Washington, D.C., and includes a library of reports reflecting projects funded by Legacy monies since 1990. In consultation with the cultural resource specialists, the team scanned all of the hard-copy documents in the Legacy library that were unavailable electronically, a total of 43 documents.

## **Summary**

The number of pre-1945 facilities at each base ranged from 15 to 200, with three bases administering less than 60 pre-1945 facilities each. The percentage of pre-1945 facilities evaluated for NRHP eligibility ranged from 13 to 100, with three bases having more than 95 percent of their facilities evaluated. The percentage of evaluated facilities with SHPO concurrence ranged from 0 to 100, with three bases having more than 90 percent of their NRHP recommendations concurred with by the SHPO. In regard to electronic documents, the team acquired 32 and scanned 76 documents, providing 108 CRM documents for eventual upload to DENIX or a similar platform.

## **Cost Analyses**

### **Facility-Specific Data Sheets**

Analyses showed that the time and cost differences between the Cold War data collection and this limited data collection of facility-specific data were negligible. The labor metrics from the Gregory and Tagg (2008) report of facility-specific and bibliographic data collection from military installations stand at an average of 6 minutes per facility. Rounding to the nearest \$1,000, the cost to conduct data collection for small bases (0–1,000 facilities) would be around \$8,000, the cost for medium-sized bases (1,001–2,000 facilities) would be around \$14,000, and the cost for large bases (2,001+ facilities) would be around \$19,000.

### **Scanning Hard-Copy Documents**

Scanning hard-copy documents at Vandenberg AFB and the Legacy office is the basis for the following cost analysis, presuming that the work is conducted by a contractor instead of in-house personnel. Although it is a small sample, reviewing the labor hours expended for scanning 76 documents can provide parameters for the cost projections of future work. The following accounts reflect only that time spent by SRI and VCHP staff and do not include time expended by CRM staff. The scanner for this project cost \$4,902 and was purchased by Legacy. This initial cost and the labor needed to set up the scanner preferences and to create and test a scanning procedure are not included in the estimates for future work, below.

Labor for the scanning process can be divided into three categories: administration, travel, and data collection. Administration includes initial discussion and ongoing correspondence about the project with the repository, as well as travel planning. Travel includes actual travel time. Data collection includes time

expended at each site in unbinding, scanning, saving, and rebinding documents and completing the Clearing-house document organizer.

For administration costs, a contractor should anticipate 2–4 hours of correspondence and site-visit preparation. Travel will depend on a contractor's home office, but 8 hours per week in the field should be anticipated for travel. The team scanned 76 documents using a sheet-feed scanner at a rate that ranged from 100 to 280 pages per hour (Table 1). The average scanning rate was 1.2 documents per hour, or 190 pages per hour. The team scanned fragile pages on a flatbed scanner, at a rate of 27 pages per hour.

The large variation in total pages per hour between the two repositories may be explained by three differences. First, the team visited Vandenberg AFB before going to the Legacy office. It may be assumed that the team became more efficient in subsequent visits. Second, at Vandenberg AFB, almost all of the documents were spiral or comb bound. The time expended included the binding and unbinding of documents. Additionally, the scanner often pulled more than one page at a time when the pages had holes in them. Although the pages were fanned before being fed into the scanner, they had a tendency to stick together. At the Legacy office, many of the documents were perfect-bound or glued. These documents were taken to a print shop that cut the bindings, leaving a clean edge. The scanner rarely pulled multiple pages from these reports. Third, at Vandenberg AFB, the documents were located in a library. The team took the necessary time in choosing documents to be scanned and in leaving checkout cards in the stacks. At the Legacy office, all of the reports were pulled prior to our arrival. As the circumstances listed above are probable at any location, metrics based on averages will provide reasonable labor costs.

## Summary

These metrics can be used to predict future costs of scanning hard-copy electronic documents. In trying to predict these costs, some assumptions are made:

- Labor rate is \$100 per hour.
- Roundtrip airfare costs \$1,000 per person.
- Per diem (lodging, meals, and incidentals) is \$150.
- Rental car is \$100 per day.

These rates are on the average to high end of the scale and should cover the costs of visiting any repository in the United States. The metrics provide that, in a 1-week trip to a repository, a contractor could be expected to scan (sheet feed only) about 38 documents, for a maximum cost of \$6,650, or \$175 per document (Table 2).

**Table 1. Scanning Metrics**

Facility	Sheet-Fed Scanning			Flatbed Scanning		
	Data Collection (Pages)	Data Collection (Hours)	Total Pages per Hour	Data Collection (Pages)	Data Collection (Hours)	Total Pages per Hour
Vandenberg Air Force Base	3,399	34	100	709	26.25	27
Legacy office	8,190	29.25	280	—	—	—

**Table 2. Scanning Costs**

Description	Quantity	Unit Cost	Total
Labor (hours)			
Contractor administration	4	\$100.00	\$400.00
Contractor travel	8	\$100.00	\$800.00
Contractor data collection	32	\$100.00	\$3,200.00
Subtotal			\$4,400.00
Expenses			
Round-trip airfare	1	\$1,000.00	\$1,000.00
Rental car (per day)	5	\$100.00	\$500.00
Per diem	5	\$150.00	\$750.00
Subtotal			\$2,250.00
Total			\$6,650.00

# Conclusions

The DoD recognizes the need to collect, store, and make available to DoD CRM managers the wide range of CRM data from military installations and to ensure that the task is completed in a consistent and time- and cost-effective manner. This project continued the tasks begun during Legacy projects 07-285 and 07-351, which were follow-on demonstration projects that explored facets of recommendations resulting from two Cold War workshops in 2006. Legacy project 07-285 identified DoD Cold War facilities and associated documentation at four U.S. Air Force bases and created a systematic approach for identifying, compiling, and analyzing Cold War data (Gregory and Tagg 2008). Legacy project 07-351 established a standard methodology for the collection, storage, and retrieval of cultural and historical resource information and historical assets of DoD lands (VCHP 2008).

This project tested the previously developed methods and expanded on additional processes, providing the DoD with several benefits. First, the team gathered pre-1945 facility-specific data from each of the four installations. These data complement those collected in 2008 and complete the data set. Each of the four bases now has the same level of facility-specific data for all pre-1992 facilities, including NRHP status (a required RPIR code) and associated report citations for each facility. Second, the team developed a procedure that can be employed at any repository for scanning hard-copy documents and creating searchable electronic documents. Third, the team provided Legacy with electronic copies of important national, regional, and local contexts and other important CRM documents. These documents are ready for eventual upload to DENIX, with intended use by a wide DoD audience. Lastly, this project provided important labor metrics to DoD leadership so they can begin planning for DoD-wide data collection and sharing.

It is critical that all DoD cultural resource managers have access to the collected data. CRM managers and their consultants should not have to “reinvent the wheel” for each project. Access to the data will make inventory and evaluation processes more efficient, in terms of time and cost, because the data can be used as baseline information or for comparative studies. The final goal is the permanent maintenance and sharing of the collected documents by DoD CRM managers.



**Legacy Resource Management Program Fact Sheets  
for Preceding Projects**





## Cold War Needs Assessment

Project #  
05-285

### Background:

In 1993, the U.S. Air Force, as executive agent for the DoD Cold War Initiative, issued *Interim Guidance: Treatment of Cold War Historic Properties for U.S. Air Force Installations* to ensure that historically significant Cold War properties would be identified, recorded, and if feasible, retained for study and public education. The *Interim Guidance* continues to assist installations in complying with Section 106 and 110 of the National Historic Preservation Act and dealing with National Register eligibility. The *Interim Guidance*, though, was not designed to streamline Section 106 or 110 compliance and managers must still consult with SHPOs on a case-by-case basis on eligibility and evaluations of effects. This compliance process will become a costly and time consuming burden to the Air Force as thousands of Cold War-era properties become 50 years old within the next 5–10 years.

### Objective:

The Air Force, through the SRI Foundation and Statistical Research, Inc., organized a workshop in February 2006 to develop strategies for more efficient and consistent management of Air Force Cold War resources. Workshop participants focused on four topics: (1) what Cold War resources exist; (2) how and where to store and share data on these resources; (3) how to consistently manage these resources; and (4) how to get executive-level support to apply the workshop recommendations across DoD.

### Summary of Approach:

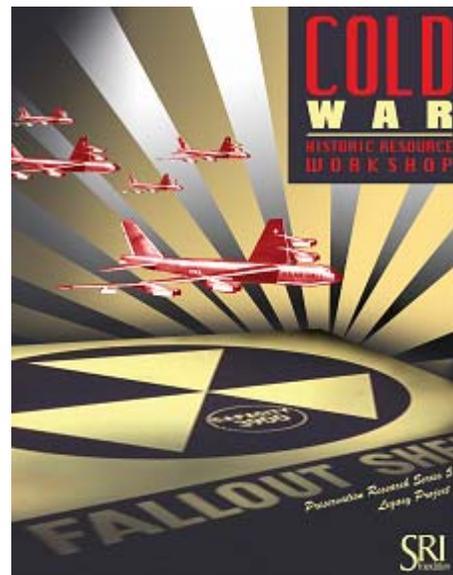
Workshop participants identified and created products, tools, and guidance on how to address these topics. (1) Available data on Cold War-era cultural resources should be compiled and synthesized as an important first step in developing a programmatic approach to effective resource management. (2) A Cold War-era Historic Information Clearinghouse (CWHIC) should be established as a repository for Air Force, with later expansion to DoD-wide, Cold War-era historic property documentation, and the data must be readily accessible to DoD managers. (3) The *Interim Guidance* should be updated, and an outline of the current guidance was modified by workshop participants to provide a detailed framework for the Air Force to use when revising the guidance in-house. (4) The executive-level briefing on establishing a future Air Force -level policy and for implementing recommendations for Cold War resource management DoD-wide was deferred as a future task for Air Force cultural resources management personnel.

### Benefit:

The DoD should establish guidance to ensure the inventory of Cold War properties is completed in a consistent, timely, and cost-effective manner. Addressing the workshop recommendations will begin the task of streamlining the process, which will save DoD money and ensure protection of those properties that are truly unique and significant. The results of the workshop, made available through report distribution and web postings, will provide information to senior DoD management about this impending crisis and ways to effectively address it. The project results will also lead to DoD-wide guidance that can be used by all services.

### Accomplishments:

The Cold War Workshop report, *A Workshop on Updating Guidance for Management of Cold War-era Properties on Military Installations*, provides an action plan for Air Force and DoD cultural resources managers to pursue. The two topics that will not be handled in-house by the Air Force, data collection/synthesis and creating a data repository/clearinghouse, have been submitted to the DoD Legacy Program for funding and are the first step in addressing the recommendations provided in this report.



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## 2006 DoD Cultural Resources Workshop

Project #  
06-294

### Background:

The Department of Defense (DoD) manages nearly 30 million acres of land and thousands of square miles of air and sea space to conduct missions vital to the national security of the United States. Within these lands, DoD is responsible for over 150,000 archeological sites, 71 National Historic Landmarks, and more than 19,000 individual historic properties represented by over 600 entries in the National Register of Historic Places. Preserving the integrity of these resources is a significant aspect of DoD's stewardship responsibilities—a responsibility that must be balanced daily with its primary mission of training troops and testing weapons systems.

### Objective:

The objectives of this workshop were to: 1) identify and prioritize the needs for cultural resources management across DoD; 2) examine the current state of practice across DoD for cultural resources management; 3) identify the current state of the art for cultural resources management relevant to DoD's requirements; and 4) identify the gaps in knowledge, technology, and management for cultural resources that limit both the transition of emerging technologies and the implementation or development of new management approaches.

### Summary of Approach:

The 2006 DoD Cultural Resources Workshop, which was cosponsored by the Legacy Resource Management Program with the Strategic Environmental Research and Development Program (SERDP) and Environmental Security Technology Certification Program (ESTCP), was structured to include a diverse set of subject matter experts, including federal and non-federal cultural resources managers, tribal representatives, academic researchers, and representatives from various private CRM firms. The workshop opened with overviews from the sponsors and each military component, as well as summaries of white papers commissioned for the event.

After the plenary, participants joined one of four themed breakout sessions: *Identification and Evaluation*, *Mitigation and Treatment*, *Management*, or *Knowledge Management*. For each topic, participants identified DoD needs, barriers, and opportunities that, if addressed, could enhance the military's CRM efforts. Attendees also participated in a field tour of Fort Lewis, Washington, so they could better understand the challenges DoD

personnel face in meeting both cultural resources stewardship and military mission responsibilities.

### Benefit:

By considering workshop recommendations, Legacy, SERDP, and ESTCP can more effectively and efficiently target program resources to improve cultural resources management, while ensuring that DoD maintains and maximizes its training and testing flexibility.

### Accomplishments:

Workshop outcomes included a list of high-priority cultural resource information gaps and management needs. These included creating useable and available historic contexts; developing alternative and/or creative mitigation and treatment options; and creating a centralized Web-based DoD CRM information repository and data clearinghouse on the Defense Environmental Information eXchange Network (DENIX).

For more information on the 2006 DoD Cultural Resources Workshop, please visit <https://www.denix.osd.mil/denix/Public/Library/NCR/cr-presentations-crw-seattle-0706.html?fm-culres>.



*The Historic Main Gate to Fort Lewis, built in 1917.*

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# Recording the Cold War: Identifying and Collecting Cold War Resources Data on Military Installations

Legacy  
Project  
# 07-285

## Background:

The U.S. Department of Defense (DoD) has large numbers of Cold War properties (all facilities constructed between September 1945 and December 1991) reaching the 50-year mark that require evaluation for National Register of Historic Places (NRHP) eligibility per Section 106 of the National Historic Preservation Act (NHPA). Pursuant to Section 110 of the NHPA, the DoD also has the responsibility to preserve the historic properties they administer. In order to comply with these federal mandates, the DoD recognizes the need to inventory its large number of Cold War properties, but also realizes that it must establish guidance to ensure the task is completed in a consistent and effective manner. This project identifies and compiles available data on Cold War resources, a critical first step in developing a programmatic approach to managing them effectively.

## Objective:

This study had three goals: (1) identify DoD Cold War facilities and associated documentation at a select number of bases; (2) create a systematic approach for identifying, compiling, and analyzing available data; and (3) prepare time and cost metrics on the process. This demonstration project provides an opportunity to define clear data-collection methods and establish potential costs to complete the process at DoD installations across the country.

## Summary of Approach:

Statistical Research, Inc., conducted this project at four U.S. Air Force bases (AFBs)—Davis-Monthan AFB, Arizona; Hill AFB, Utah; Kirtland AFB, New Mexico; and Vandenberg AFB, California—as part of an Air Force initiative that resulted from a Cold War workshop held in Tucson, Arizona, in February 2006 to develop management strategies for Cold War properties. The methods of this study can be described by five tasks: identification, collection, compilation, analysis, and documentation. The primary process used to collect available data and test methods consisted of a data call and on-site research and methods testing. Data were acquired from the cultural resources management, real property, and geographic information system staff at each installation and also from the history office at Hill AFB.

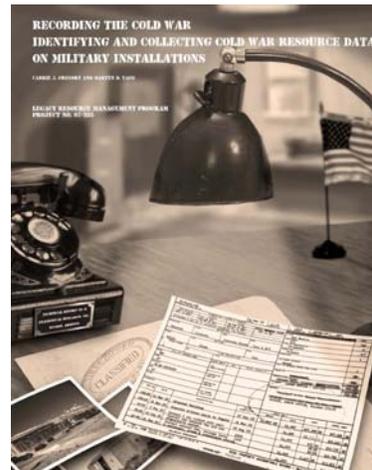
## Benefit:

The DoD should establish guidance to ensure the inventory of Cold War properties is completed in a consistent, timely, and cost-effective manner. Identifying and compiling the data is a first step and provides a basis

for DoD planning of additional data collection, permanent data storage, and data access. The second step is making the data available to installation-level cultural resources managers across the DoD so that the inventory and evaluation processes are more time- and cost-efficient. Knowing what information is available on Cold War properties will help the DoD and individual cultural resources managers determine which properties are significant, which properties require additional documentation, and how many examples of a particular property type should be considered for NRHP eligibility. It will save the DoD money and ensure protection of those properties that are truly unique and significant.

## Accomplishments:

The Cold War data collection report, *Recording the Cold War: Identifying and Collecting Cold War Resource Data on Military Installations*, provides clear methods, potential pitfalls, and cost and time metrics.



The study provides Cold War facility data, bibliographic information, and the content, format, and locations of supporting documentation for four bases. Recommendations include lessons learned that should be considered for follow-on projects and potential future work that expands on and improves the data-collection process.

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## **Guidance for a CRM Information Clearinghouse** Project #07-351

### **Background:**

The idea for this project was conceived at the 2006 DoD Cultural Resources Workshop in Seattle, where it was determined that a national cultural resource management (CRM) clearinghouse for DoD agencies would result in significant savings of time and money. The CRM Information Clearinghouse (Clearinghouse) is designed to streamline DoD efforts by allowing staff to electronically share information on similar projects, compare historic resource types and datasets, and access preservation tools. By storing this information in a central location with an easily accessible format, CRM staff throughout the DoD can access information on similar projects with similar types of resources and historic contexts.

### **Objective:**

As originally conceived, this Legacy project would: establish a standard methodology for the collection, storage and retrieval of cultural and historical resources information and historical assets of DoD lands; analyze how agencies will want to access the Clearinghouse data; develop a user-friendly interface; and build a model Clearinghouse interface ready for testing.

### **Summary of Approach:**

The project included a Core Team (Kirtland AFB and Van Citters Historic Preservation, LLC) and a DoD-wide Clearinghouse Advisory Group (CAG). The Core Team was responsible for the project management, results and outcome, while the CAG provided expert opinions and input into the final product.

Originally the project was conceived as a stand-alone database, with a three year schedule. However, the CAG determined it would be best to use the existing online environment (DENIX) for this project. Concurrently, OSD was working with DENIX consultants to upgrade the website. As a result of the CAG decision and the ongoing OSD work, the project team apprised OSD of the CAG work and shared the menu structure that was developed. This menu structure then became the cultural resource menu on the new DENIX.

Based on this change of format and project approach, the CAG was able to develop a cultural resource menu structure and interface with OSD/DENIX for implementation.

As a result of executing the implementation stage during this first year, the CAG was able to develop guidance on uploading the data and an upload template to provide a means for consistency throughout the DoD. The Core Team also developed metrics to provide information on time and effort to upload the data. Finally, the Core Team has been promoting the use of DENIX through preparing a list of beneficial uses for the Clearinghouse and presenting workshops for CRM managers on how to use the new DENIX.

### **Benefit:**

The project will benefit the DoD by providing: (1) a baseline structure from which a national database can be developed to promote interagency information sharing and comparative analysis; and (2) a tool to aid in streamlining DoD projects by sharing information about previous similar studies or thematic research.

### **Accomplishments:**

The project develops a data structure for cultural resource management information, implements the structure on DENIX, drafts guidance for uploading cultural resource data to DENIX and provides marketing/outreach tools to educate CRMs throughout DoD.

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## Scanning Procedures



# Scanning Procedures

## Computer Preparation

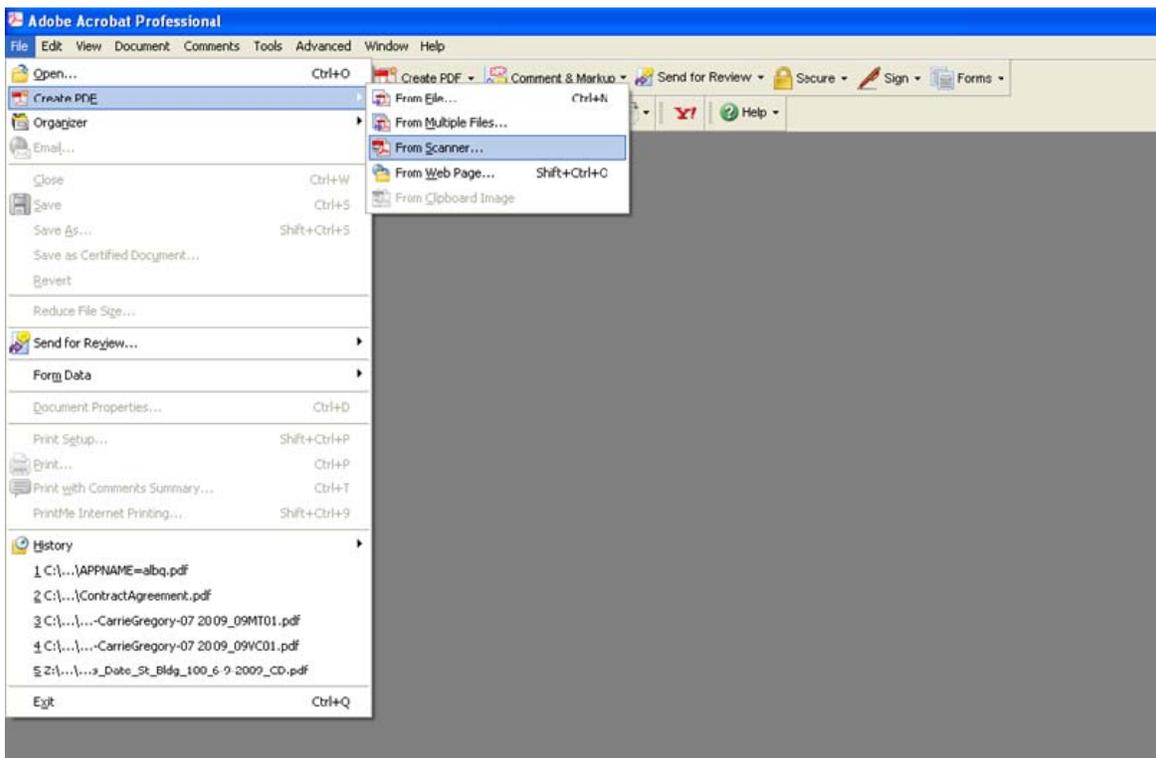
- Turn computer on.
- Plug scanner and hard drive into outlet and computer.
- Turn scanner on.

## Document Preparation

- Unbind document.
- Flip through document, and make sure there are no staples, folds, tears, etc.
- Pull out 11 × 17 pages; note placement, if not numbered, and scan separately.
- Place same-size pages face up in the scanner.

## Scanning

- Start Adobe Acrobat Professional program.
- Open File menu.
- From menu, choose Create PDF...From Scanner.

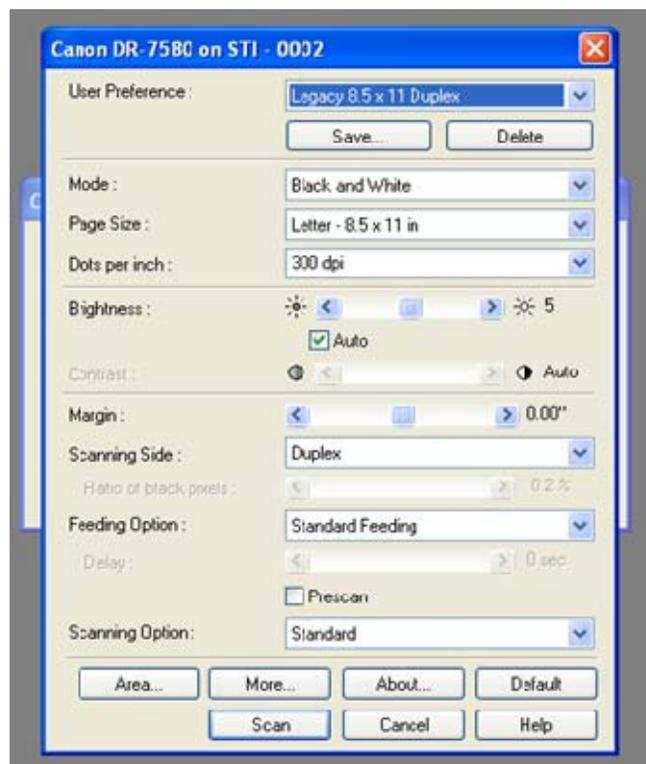


- From menu, choose Scanner: Canon DR-7580 TWAIN
- From menu, choose Scan option: Front Side or Both Sides
- Click Scan



- Choose User Preference. Note: If a document is extremely graphic heavy, consider scanning in grayscale, and make the appropriate changes to the scanner settings now. This is a much slower process!

- Legacy 8.5 × 11 Duplex
- Legacy 8.5 × 11 Simplex
- Legacy 8.5 × 11 Duplex grayscale
- Legacy 8.5 × 11 Simplex grayscale



- Click Scan.
- Click Done when prompted.

**Document Organizer**

- As Adobe is preparing file, complete the Document Organizer for the document.

**Save the Document**

- Save the document to the external hard drive when Adobe is finished processing.
- Create an organization folder, if one does not exist already.
- Save the file in the appropriate folder.
- If grayscale, add the notation to the end of the title.

**Rebind**

- Rebind document as near as possible to binding as found.



**Pre-1945 Facility Data for Davis-Monthan, Hill,  
Kirtland, and Vandenberg Air Force Bases**



**Table C.1. Pre-1945 Facility Data for Davis-Monthan Air Force Base**

Property	Facility No.	Current Nomenclature	Construction Date	NRHP Status	Document
Main base	1440	hangar, maintenance	1941	DNENSC	Prior et al. 2005
Main base	3208	chapel center	1942	NEV	
Main base	3210	wing headquarters	1943	NEV	
Main base	4343	water-pump station	1941	NEV	
Main base	4344	water-supply treatment facility	1943	NEV	
Main base	4740	water-supply building	1941	NEV	
Main base	5037	base hazardous storage	1942	NEV	
Main base	5120	vehicle service rack	1941	NEV	
Main base	5122	base engineer pavements and grounds facility	1942	NEV	
Main base	5126	warehouse supply and equipment base	1943	NEV	
Main base	5313	base engineer administration	1941	NEV	
Main base	5315	base engineer administration	1941	NEV	
Main base	7220	shop, aircraft general purpose	1943	NEV	
Main base	7336	vehicle maintenance shop	1943	NEV	
Main base	8030	warehouse supply and equipment base	1932	NREINSC	Lisa 2007

*Key:* DNENSC = Determined not NRHP eligible, no SHPO concurrence (or recommended not NRHP eligible); NEV = Not yet evaluated; NREINSC = Individual NRHP eligible, no SHPO concurrence (or recommended individual NRHP eligible); NRHP = National Register of Historic Places; SHPO = State Historic Preservation Officer.

**Table C-2. Pre-1945 Facility Data for Hill Air Force Base**

Property	Facility No.	Current Nomenclature	Construction Date	NRHP Status	Document
Main base	1	hangar, maintenance depot	1941	NREI	Workman 1992; Durst et al. 1995; Salo et al. 2003
Main base	2	base operations	1942	DNE	Durst et al. 1995; Salo et al. 2003
Main base	5	shop, aircraft general purpose	1941	NREI	Durst et al. 1995; McChristian and Greene 1999; Salo et al. 2003
Main base	9	fire station	1941	DNE	Durst et al. 1995; Salo et al. 2003
Main base	11	squadron operations	1941	DNE	Durst et al. 1995; McChristian and Greene 1999; Salo et al. 2003
Main base	12	base engineer maintenance shop	1941	DNE	Durst et al. 1995; Salo et al. 2003
Main base	13	utility vault	1942	DNE	Durst et al. 1995; Salo et al. 2003
Main base	15	squadron operations	1940	DNE	Durst et al. 1995; Salo et al. 2003
Main base	16	base engineer covered storage facility	1943	DNE	Durst et al. 1995; Salo et al. 2003
Main base	30	base engineer maintenance shop	1940	DNE	Durst et al. 1995; Salo et al. 2003
Main base	39	shop, aircraft general purpose	1944	DNE	Durst et al. 1995; McChristian and Greene 1999; Salo et al. 2003
Main base	100	integration support facility	1942	DNE	Durst et al. 1995; McChristian and Greene 1999; Salo et al. 2003
Main base	120	wing headquarters	1941	DNE	Workman 1992; Durst et al. 1995; Salo et al. 2003
Main base	134	transient-lodging facility, appropriated	1943	DNE	Durst et al. 1995; Salo et al. 2003
Main base	139	utility vault	1943	DNE	Durst et al. 1995; Salo et al. 2003
Main base	141	visiting officer's quarters	1943	DNE	Durst et al. 1995; Salo et al. 2003
Main base	142	visiting officer's quarters	1943	DNE	Durst et al. 1995; Salo et al. 2003
Main base	146	transient-lodging support facility	1943	DNE	Durst et al. 1995; Salo et al. 2003
Main base	150	family support center	1941	DNE	Durst et al. 1995; Salo et al. 2003
Main base	152	visiting officer's quarters	1941	DNE	Durst et al. 1995; Salo et al. 2003
Main base	171	electric switching station	1944	DNE	Durst et al. 1995; Salo et al. 2003
Main base	180	base personnel office	1943	DNE	Durst et al. 1995; Salo et al. 2003
Main base	205	shop, electrical-overhaul and -test depot	1942	DNE	Durst et al. 1995; McChristian and Greene 1999; Salo et al. 2003
Main base	214	precision-measurement-equipment laboratory	1942	DNE	Durst et al. 1995; McChristian and Greene 1999; Salo et al. 2003
Main base	225	hangar, maintenance depot	1942	NREI	Workman 1992; Durst et al. 1995; McChristian and Greene 1999; Salo et al. 2003

<b>Property</b>	<b>Facility No.</b>	<b>Current Nomenclature</b>	<b>Construction Date</b>	<b>NRHP Status</b>	<b>Document</b>
Main base	230	restaurant, base	1942	DNE	Durst et al. 1995; Salo et al. 2003
Main base	232	restaurant, base	1941	DNE	Durst et al. 1995; Salo et al. 2003
Main base	250	technical-training laboratory/shop	1943	DNE	Durst et al. 1995; Salo et al. 2003
Main base	256	aircraft corrosion control	1942	DNE	Durst et al. 1995; Salo et al. 2003
Main base	257	shop, aircraft general purpose	1941	DNE	Durst et al. 1995; Salo et al. 2003
Main base	260	heating facility	1941	DNE	Durst et al. 1995; Salo et al. 2003
Main base	265	shop, aircraft general purpose	1941	NREI	Durst et al. 1995; McChristian and Greene 1999; Salo et al. 2003
Main base	270	hangar, maintenance depot	1943	NREI	Durst et al. 1995; Salo et al. 2003
Main base	295	shop, jet-engine inspection and maintenance	1943	DNE	Durst et al. 1995; McChristian and Greene 1999; Salo et al. 2003
Main base	383	education center	1943	DNE	Durst et al. 1995; Salo et al. 2003
Main base	461	swimmers' bathhouse	1943	DNE	Durst et al. 1995; Salo et al. 2003
Main base	483	swimmers' bathhouse	1943	DNE	Durst et al. 1995; Salo et al. 2003
Main base	514	base hazardous storage	1944	DNE	Durst et al. 1995; Salo et al. 2003
Main base	562	electric switching station	1941	DNE	Durst et al. 1995; Salo et al. 2003
Main base	717	water-supply building	1943	DNE	Durst et al. 1995; Salo et al. 2003
Main base	720	golf clubhouse	1943	DNE	Durst et al. 1995; Salo et al. 2003
Main base	756	base engineer storage shed	1942	DNE	Durst et al. 1995; Salo et al. 2003
Main base	781	water-supply building	1941	DNE	Durst et al. 1995; Salo et al. 2003
Main base	782	water-supply building	1941	DNE	Durst et al. 1995; Salo et al. 2003
Main base	783	water-supply building	1941	DNE	Durst et al. 1995; Salo et al. 2003
Main base	886	traffic check house	1943	DNE	Durst et al. 1995; Salo et al. 2003
Main base	899	radio-relay facility	1943	DNE	Durst et al. 1995; Salo et al. 2003
Main base	1102	headquarters center	1942	NREC	Workman 1992; Durst et al. 1995; Salo et al. 2003
Main base	1118	visiting officer's quarters	1921	NREI/NREC	Workman 1992; Durst et al. 1995; Salo et al. 2003
Main base	1129	radio-relay facility	1943	NREC	Durst et al. 1995; Salo et al. 2003
Main base	1132	shop and shelter for locomotives	1921	NREC	Workman 1992; Durst et al. 1995; Salo et al. 2003

*continued on next page*

<b>Property</b>	<b>Facility No.</b>	<b>Current Nomenclature</b>	<b>Construction Date</b>	<b>NRHP Status</b>	<b>Document</b>
Main base	1133	vehicle maintenance shop	1921	NREC	Durst et al. 1995; Salo et al. 2003
Main base	1134	utility vault	1921	NREC	Durst et al. 1995; Salo et al. 2003
Main base	1135	depot quality-control laboratory	1942	NREC	Durst et al. 1995; Salo et al. 2003
Main base	1136	base engineer storage shed	1940	NREC	Durst et al. 1995; Salo et al. 2003
Main base	1138	vehicle operations administration	1942	NREC	Durst et al. 1995; Salo et al. 2003
Main base	1141	vehicle operations heated parking	1939	NREC	Durst et al. 1995; Salo et al. 2003
Main base	1201	logistics-facility depot operations	1942	DNE	Durst et al. 1995; Salo et al. 2003
Main base	1202	integration support facility	1942	DNE	Durst et al. 1995; Salo et al. 2003
Main base	1203	production missiles	1942	DNE	Durst et al. 1995; Salo et al. 2003
Main base	1204	production missiles	1942	NREC	Durst et al. 1995; Salo et al. 2003
Main base	1205	logistics-facility depot operations	1942	NREC	Durst et al. 1995; Salo et al. 2003
Main base	1206	logistics-facility depot operations	1942	NREC	Durst et al. 1995; Salo et al. 2003
Main base	1207	logistics-facility depot operations	1941	DNE	Durst et al. 1995; Salo et al. 2003
Main base	1208	shop, avionics	1941	NREC	Durst et al. 1995; Salo et al. 2003
Main base	1209	logistics-facility depot operations	1942	DNE	Durst et al. 1995; Salo et al. 2003
Main base	1211	logistics-facility depot operations	1941	DNE	Durst et al. 1995; McChristian and Greene 1999; Salo et al. 2003
Main base	1212	logistics-facility depot operations	1941	DNE	Durst et al. 1995; Salo et al. 2003
Main base	1213	logistics-facility depot operations	1941	DNE	Durst et al. 1995; Salo et al. 2003
Main base	1214	telecommunications facility	1941	DNE	Durst et al. 1995; McChristian and Greene 1999; Salo et al. 2003
Main base	1215	logistics-facility depot operations	1941	NREC	Durst et al. 1995; Salo et al. 2003
Main base	1216	logistics-facility depot operations	1941	NREC	Durst et al. 1995; Salo et al. 2003
Main base	1217	logistics-facility depot operations	1941	DNE	Durst et al. 1995; Salo et al. 2003
Main base	1218	logistics-facility depot operations	1941	NREC	Durst et al. 1995; Salo et al. 2003
Main base	1219	security police operations	1942	DNE	Durst et al. 1995; McChristian and Greene 1999; Salo et al. 2003
Main base	1221	technical-training classroom	1941	DNE	Durst et al. 1995; Salo et al. 2003
Main base	1222	logistics-facility depot operations	1941	DNE	Durst et al. 1995; Salo et al. 2003
Main base	1223	logistics-facility depot operations	1941	DNE	Durst et al. 1995; Salo et al. 2003
Main base	1224	logistics-facility depot operations	1941	DNE	Durst et al. 1995; Salo et al. 2003

<b>Property</b>	<b>Facility No.</b>	<b>Current Nomenclature</b>	<b>Construction Date</b>	<b>NRHP Status</b>	<b>Document</b>
Main base	1225	logistics-facility depot operations	1941	NREC	Durst et al. 1995; Salo et al. 2003
Main base	1226	logistics-facility depot operations	1941	NREC	Durst et al. 1995; Salo et al. 2003
Main base	1227	logistics-facility depot operations	1941	DNE	Durst et al. 1995; Salo et al. 2003
Main base	1228	logistics-facility depot operations	1941	DNE	Durst et al. 1995; McChristian and Greene 1999; Salo et al. 2003
Main base	1229	plant reproduction	1942	DNE	Durst et al. 1995; McChristian and Greene 1999; Salo et al. 2003
Main base	1231	technical-training classroom	1941	DNE	Durst et al. 1995; Salo et al. 2003
Main base	1232	logistics-facility depot operations	1941	DNE	Durst et al. 1995; McChristian and Greene 1999; Salo et al. 2003
Main base	1233	logistics-facility depot operations	1941	DNE	Durst et al. 1995; McChristian and Greene 1999; Salo et al. 2003
Main base	1234	logistics-facility depot operations	1941	DNE	Durst et al. 1995; McChristian and Greene 1999; Salo et al. 2003
Main base	1235	restaurant, base	1941	DNE	Durst et al. 1995; Salo et al. 2003
Main base	1236	logistics-facility depot operations	1941	DNE	Durst et al. 1995; McChristian and Greene 1999; Salo et al. 2003
Main base	1237	logistics-facility depot operations	1941	NREC	Durst et al. 1995; McChristian and Greene 1999; Salo et al. 2003
Main base	1238	integration support facility	1941	DNE	Durst et al. 1995; McChristian and Greene 1999; Salo et al. 2003
Main base	1239	logistics-facility depot operations	1942	DNE	Durst et al. 1995; Salo et al. 2003
Main base	1243	vehicle maintenance shop	1942	NREC	Durst et al. 1995; McChristian and Greene 1999; Salo et al. 2003
Main base	1244	base personnel office	1941	NREC	Durst et al. 1995; Salo et al. 2003
Main base	1245	base personnel office	1941	DNE	Durst et al. 1995; McChristian and Greene 1999; Salo et al. 2003
Main base	1246	logistics-facility depot operations	1941	DNE	Durst et al. 1995; Salo et al. 2003
Main base	1247	logistics-facility depot operations	1941	NREC	Durst et al. 1995; Salo et al. 2003
Main base	1248	material-processing depot	1944	NREC	Durst et al. 1995; Salo et al. 2003
Main base	1253	vehicle maintenance shop	1942	DNE	Durst et al. 1995; McChristian and Greene 1999; Salo et al. 2003
Main base	1254	logistics-facility depot operations	1941	NREC	Durst et al. 1995; McChristian and Greene 1999; Salo et al. 2003
Main base	1255	logistics-facility depot operations	1941	NREC	Durst et al. 1995; McChristian and Greene 1999; Salo et al. 2003
Main base	1256	logistics-facility depot operations	1941	NREC	Durst et al. 1995; McChristian and Greene 1999; Salo et al. 2003
Main base	1257	logistics-facility depot operations	1941	DNE	Durst et al. 1995; McChristian and Greene 1999; Salo et al. 2003
Main base	1258	logistics-facility depot operations	1941	NREC	Durst et al. 1995; Salo et al. 2003
Main base	1264	integration support facility	1942	NREC	Durst et al. 1995; McChristian and Greene 1999; Salo et al. 2003

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Property	Facility No.	Current Nomenclature	Construction Date	NRHP Status	Document
Main base	1265	shop, missile service	1942	NREC	Durst et al. 1995; McChristian and Greene 1999; Salo et al. 2003
Main base	1266	production missiles	1942	NREC	Durst et al. 1995; McChristian and Greene 1999; Salo et al. 2003
Main base	1267	base photo laboratory	1942	NREC	Durst et al. 1995; McChristian and Greene 1999; Salo et al. 2003
Main base	1268	base engineer maintenance shop	1942	NREC	Durst et al. 1995; McChristian and Greene 1999; Salo et al. 2003
Main base	1269	television production facility	1942	NREC	Durst et al. 1995; McChristian and Greene 1999; Salo et al. 2003
Main base	1274	electronic research and engineering	1942	NREC	Durst et al. 1995; McChristian and Greene 1999; Salo et al. 2003
Main base	1276	range control house	1942	NREC	Durst et al. 1995; McChristian and Greene 1999; Salo et al. 2003
Main base	1277	gymnasium	1942	NREC	Durst et al. 1995; McChristian and Greene 1999; Salo et al. 2003
Main base	1278	law center	1942	NREC	Durst et al. 1995; McChristian and Greene 1999; Salo et al. 2003
Main base	1279	technical-training classroom	1942	NREC	Durst et al. 1995; McChristian and Greene 1999; Salo et al. 2003
Main base	1284	logistics-facility depot operations	1942	NREC	Durst et al. 1995; McChristian and Greene 1999; Salo et al. 2003
Main base	1285	logistics-facility depot operations	1942	NREC	Durst et al. 1995; McChristian and Greene 1999; Salo et al. 2003
Main base	1286	heating facility	1942	NREC	Durst et al. 1995; McChristian and Greene 1999; Salo et al. 2003
Main base	1289	logistics-facility depot operations	1942	DNE	Salo et al. 2003
Main base	1294	headquarters, group	1942	NREC	Durst et al. 1995; McChristian and Greene 1999; Salo et al. 2003
Main base	1295	logistics-facility depot operations	1942	NREC	Durst et al. 1995; McChristian and Greene 1999; Salo et al. 2003
Main base	1311	security-guard tower	1941	NCE	Salo et al. 2003; Thompson 2007
Main base	1318	storage igloo	1939	NREC	Durst et al. 1995; McChristian and Greene 1999; Salo et al. 2003
Main base	1376	storage magazine, aboveground, types a, b, & c	1921	NREC	Durst et al. 1995; Salo et al. 2003
Main base	1394	storage igloo	1938	NREC	Durst et al. 1995; Salo et al. 2003
Main base	1424	shop, tactical-missile and glide-weapon maintenance	1938	NREC	Durst et al. 1995; McChristian and Greene 1999; Salo et al. 2003
Main base	1566	shop, missile service	1939	NREC	Durst et al. 1995; McChristian and Greene 1999; Salo et al. 2003
Main base	1621	munitions-maintenance administration	1942	NREC	Durst et al. 1995; Salo et al. 2003
Main base	1622	munitions-maintenance administration	1942	DNE	Durst et al. 1995; McChristian and Greene 1999; Salo et al. 2003
Main base	1623	munitions-maintenance administration	1941	NREC	Durst et al. 1995; McChristian and Greene 1999; Salo et al. 2003
Main base	1624	heating facility	1941	NREC	Durst et al. 1995; Salo et al. 2003

Property	Facility No.	Current Nomenclature	Construction Date	NRHP Status	Document
Main base	1626	munitions-maintenance administration	1941	NREC	Durst et al. 1995; Salo et al. 2003
Main base	1627	munitions-maintenance administration	1942	NREC	Durst et al. 1995; McChristian and Greene 1999; Salo et al. 2003
Main base	1631	shop, missile service	1941	NREC	Durst et al. 1995; McChristian and Greene 1999; Salo et al. 2003
Main base	1632	shop, missile service	1941	NREC	Durst et al. 1995; McChristian and Greene 1999; Salo et al. 2003
Main base	1633	shop, missile service	1941	NREC	Durst et al. 1995; McChristian and Greene 1999; Salo et al. 2003
Main base	1642	shop, missile service	1941	NREC	Durst et al. 1995; McChristian and Greene 1999; Salo et al. 2003
Main base	1651	shop, missile service	1941	NREC	Durst et al. 1995; McChristian and Greene 1999; Salo et al. 2003
Main base	1652	shop, missile service	1941	NREC	Durst et al. 1995; McChristian and Greene 1999; Salo et al. 2003
Main base	1701	shop and shelter for locomotives	1942	NREI/NREC	Workman 1992; Durst et al. 1995; McChristian and Greene 1999; Salo et al. 2003
Main base	1703	heating facility	1942	NREC	Durst et al. 1995; Salo et al. 2003
Main base	1711	shop and shelter for locomotives	1942	NREC	Durst et al. 1995; McChristian and Greene 1999; Salo et al. 2003
Main base	1805	storage igloo	1941	NREC	Durst et al. 1995; Salo et al. 2003
Main base	1806	storage igloo	1941	NREC	Durst et al. 1995; Salo et al. 2003
Main base	1811	storage igloo	1941	NREC	Durst et al. 1995; McChristian and Greene 1999; Salo et al. 2003
Main base	1812	storage igloo	1941	NREC	Durst et al. 1995; McChristian and Greene 1999; Salo et al. 2003
Main base	1813	storage igloo	1941	NREC	Durst et al. 1995; McChristian and Greene 1999; Salo et al. 2003
Main base	1814	storage igloo	1941	NREC	Durst et al. 1995; McChristian and Greene 1999; Salo et al. 2003
Main base	1815	storage igloo	1941	NREC	Durst et al. 1995; McChristian and Greene 1999; Salo et al. 2003
Main base	1822	storage igloo	1941	NREC	Durst et al. 1995; Salo et al. 2003
Main base	1823	storage igloo	1941	NREC	Durst et al. 1995; Salo et al. 2003
Main base	1824	storage igloo	1941	NREC	Durst et al. 1995; Salo et al. 2003
Main base	1825	storage igloo	1941	NREC	Durst et al. 1995; Salo et al. 2003
Main base	1826	storage igloo	1941	NREC	Durst et al. 1995; Salo et al. 2003
Main base	1832	storage igloo	1941	NREC	Durst et al. 1995; Salo et al. 2003
Main base	1833	production missiles	1941	NREC	Durst et al. 1995; Salo et al. 2003
Main base	1834	production missiles	1941	NREC	Durst et al. 1995; Salo et al. 2003

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Property	Facility No.	Current Nomenclature	Construction Date	NRHP Status	Document
Main base	1835	storage igloo	1941	NREC	Durst et al. 1995; Salo et al. 2003
Main base	1836	storage igloo	1941	NREC	Durst et al. 1995; Salo et al. 2003
Main base	1847	sanitary-sewage pump station	1942	NREC	Durst et al. 1995; Salo et al. 2003
Main base	1901	museum building	1942	NREC	Durst et al. 1995; Salo et al. 2003
Main base	1902	museum building	1942	NREC	Durst et al. 1995; Salo et al. 2003
Main base	1904	heating facility	1942	NREC	Durst et al. 1995; Salo et al. 2003
Main base	1910	special operations	1942	NREC	Durst et al. 1995; McChristian and Greene 1999; Salo et al. 2003
Main base	1913	shop, missile service	1942	NREC	Durst et al. 1995; McChristian and Greene 1999; Salo et al. 2003
Main base	1919	museum building	1942	NREC	Durst et al. 1995; McChristian and Greene 1999; Salo et al. 2003
Main base	2005	shop, aircraft- and engine-access-overhaul depot	1942	NREC	Durst et al. 1995; Salo et al. 2003
Main base	2013	shop, aircraft- and engine-access-overhaul depot	1942	DNE	Durst et al. 1995; Salo et al. 2003
Main base	2014	shop, cartridge-overhaul depot	1942	NREC	Durst et al. 1995; Salo et al. 2003
Main base	2024	hazardous-storage depot	1942	NREC	Durst et al. 1995; Salo et al. 2003
Main base	2025	heating facility	1942	NREC	Durst et al. 1995; Salo et al. 2003
Main base	2104	heating facility	1941	NREC	Durst et al. 1995; Salo et al. 2003
Main base	2107	shop, missile service	1941	NREC	Durst et al. 1995; Salo et al. 2003
Main base	2108	data-processing installation	1941	NREC	Durst et al. 1995; Salo et al. 2003
Main base	2113	shop, missile service	1941	NREC	Durst et al. 1995; McChristian and Greene 1999; Salo et al. 2003
Main base	2114	production missiles	1941	NREC	Durst et al. 1995; McChristian and Greene 1999; Salo et al. 2003
Main base	2131	storage igloo	1941	NREC	Durst et al. 1995; Salo et al. 2003
Main base	2132	storage igloo	1941	NREI/NREC	Durst et al. 1995; Salo et al. 2003
Main base	2135	inert-spares storage	1941	NREC	Durst et al. 1995; Salo et al. 2003
Main base	2138	production missiles	1941	NREC	Durst et al. 1995; McChristian and Greene 1999; Salo et al. 2003
Main base	2203	heating facility	1941	NREC	Durst et al. 1995; Salo et al. 2003
Main base	2204	production missiles	1942	NREC	Durst et al. 1995; Salo et al. 2003
Main base	2206	storage igloo	1941	NREC	Durst et al. 1995; Salo et al. 2003

Property	Facility No.	Current Nomenclature	Construction Date	NRHP Status	Document
Main base	2207	storage igloo	1941	NREC	Durst et al. 1995; Salo et al. 2003
Main base	2211	production missiles	1941	NREC	Durst et al. 1995; McChristian and Greene 1999; Salo et al. 2003
Main base	2212	production missiles	1941	NREC	Durst et al. 1995; McChristian and Greene 1999; Salo et al. 2003
Main base	2213	production missiles	1941	NREC	Durst et al. 1995; McChristian and Greene 1999; Salo et al. 2003
Main base	2232	storage igloo	1941	NREC	Durst et al. 1995; Salo et al. 2003
Main base	2236	shop, ordnance equipment, depot	1941	NREC	Durst et al. 1995; Salo et al. 2003
Main base	2238	storage igloo	1941	NREC	Durst et al. 1995; Salo et al. 2003
Main base	2501	electric substation	1941	DNE	Salo et al. 2003
Main base	5051	railroad trackage	1941	DNE	Salo et al. 2003
Main base	10004	monuments/memorials	1941	DNE	Salo et al. 2003; Thompson 2007
Main base	10725	water-storage reservoir	1941	DNE	Salo et al. 2003
Main base	10815	load/unloading platform	1943	DNE	Salo et al. 2003
Main base	11103	base flag pole	1942	DNE	Salo et al. 2003
Main base	11119	court, tennis	1944	DNENSC	Salo et al. 2003
Main base	11647	shop, missile service	1944	NREC	Durst et al. 1995; Salo et al. 2003
UTTR South Range	310	squadron operations	1943	DNE	Salo et al. 2003; Thompson 2007

Key: DNE = Determined not NRHP eligible; DNENSC = Determined not NRHP eligible, no SHPO concurrence (or recommended not NRHP eligible); NCE = Noncontributing element of NHL-/NRHP-listed/NRHP-eligible district; NREC = Contributing element of NRHP-eligible district; NREI = Individual NRHP eligible; NHL = National Historic Landmark; NRHP = National Register of Historic Places; SHPO = State Historic Preservation Officer; UTTR = Utah Test and Training Range.

**Table C-3. Pre-1945 Facility Data for Kirtland Air Force Base**

<b>Property</b>	<b>Facility No.</b>	<b>Current Nomenclature</b>	<b>Construction Date</b>	<b>NRHP Status</b>	<b>Document</b>
Main base	277	missile and space research laboratories	1943	DNE	Van Citters and Bisson 2003
Main base	278	heating facility	1943	DNE	Tuttle 1999; Van Citters and Bisson 2003
Main base	333	base operations	1942	NREI	Tuttle 1999; Van Citters and Bisson 2003
Main base	334	heating facility	1942	DNE	Tuttle 1999; Van Citters and Bisson 2003
Main base	404	headquarters specified	1942	DNE	Tuttle 1999; Van Citters and Bisson 2003
Main base	437	flight-training classroom	1942	DNE	Tuttle 1999; Van Citters and Bisson 2003
Main base	614	research equipment storage	1944	NREI	Tuttle 1999; Van Citters and Bisson 2003
Main base	617	laser, science laboratories	1942	NREI	Tuttle 1999; Van Citters and Bisson 2003
Main base	626	storage igloo	1942	NREI	Tuttle 1999; Van Citters and Bisson 2003
Main base	1900	administrative office, non-U.S. Air Force	1936	NREI	Lintz et al. 1988; Tuttle 1999; Sullivan et al. 1999a; Van Citters and Bisson 2003
Main base	1901	administrative office, non-U.S. Air Force	1936	NREI	Tuttle 1999; Sullivan et al. 1999a; Van Citters and Bisson 2003
Main base	1902	administrative office, non-U.S. Air Force	1936	DNE	Tuttle 1999; Van Citters and Bisson 2003
Main base	1905	administrative office, non-U.S. Air Force	1936	NREI	Tuttle 1999; Sullivan et al. 1999a; Van Citters and Bisson 2003
Main base	1908	medical and science laboratories	1936	DNE	Tuttle 1999; Sullivan et al. 1999a; Van Citters and Bisson 2003
Main base	1909	medical and science laboratories	1936	NREI	Tuttle 1999; Sullivan et al. 1999a; Van Citters and Bisson 2003
Main base	2445	electric substation	1944	DNENSC	Van Citters and Bisson 2003
Main base	20338	vehicle maintenance shop	1942	DNENSC	Tuttle 1999; Van Citters and Bisson 2003
Main base	20344	vehicle maintenance shop	1928	DNE	Davis 1984; Lintz et al. 1988; Sullivan and Schilz 1999; Tuttle 1999; Sullivan et al. 1999b; Van Citters and Bisson 2003
Main base	20348	vehicle maintenance shop	1928	DNE	Davis 1984; Lintz et al. 1988; Sullivan and Schilz 1999; Tuttle 1999; Sullivan et al. 1999a; Van Citters and Bisson 2003
Main base	20600	credit union	1928	DNE	Davis 1984; Lintz et al. 1988; Tuttle 1999; Van Citters and Bisson 2003

Property	Facility No.	Current Nomenclature	Construction Date	NRHP Status	Document
Main base	26052	road bridge	1942	NEV	
Main base	29025	storage igloo	1944	NREI	Verhaaren 1998; Tuttle 1999; Van Citters and Bisson 2003
Main base	29026	storage igloo	1944	NREI	Verhaaren 1998; Tuttle 1999; Van Citters and Bisson 2003
Main base	29027	storage igloo	1944	NREI	Verhaaren 1998; Tuttle 1999; Van Citters and Bisson 2003
Main base	29028	storage igloo	1943	NREI	Verhaaren 1998; Tuttle 1999; Van Citters and Bisson 2003
Main base	29029	storage igloo	1943	NREI	Verhaaren 1998; Tuttle 1999; Van Citters and Bisson 2003
Main base	29030	storage igloo	1943	NREI	Verhaaren 1998; Tuttle 1999; Van Citters and Bisson 2003
Main base	29031	storage igloo	1943	NREI	Verhaaren 1998; Tuttle 1999; Van Citters and Bisson 2003
Main base	29042	biological-science laboratories	1944	NREI	Verhaaren 1998; Tuttle 1999; Van Citters and Bisson 2003
Main base	29051	administrative office, non-U.S. Air Force	1943	NREI	Verhaaren 1998; Tuttle 1999; Van Citters and Bisson 2003

Key: DNE = Determined not NRHP eligible; DNENSC = Determined not NRHP eligible, no SHPO concurrence (or recommended not NRHP eligible); NEV = Not yet evaluated; NREI = Individual NRHP eligible; NRHP = National Register of Historic Places; SHPO = State Historic Preservation Officer.

**Table C.4. Pre-1945 Facility Data for Vandenberg Air Force Base**

Property	Facility No.	Current Nomenclature	Construction Date	Historic Function(s)	NRHP Status	Document
Main base	30	farm facility	1928		DNE	Vandenberg Air Force Base 2002
Main base	40	farm facility	1942		DNE	Vandenberg Air Force Base 2002
Main base	110	farm facility	1928		DNE	Vandenberg Air Force Base 2002
Main base	280	farm facility	1928		DNE	Vandenberg Air Force Base 2002
Main base	302	unknown	1936	U.S. Coast Guard Lifeboat Rescue Station main building (boathouse)	NREI	Gebhard and Bricker 1980
Main base	304	base engineer covered storage facility	1937	U.S. Coast Guard Lifeboat Rescue Station garage	NREI	Gebhard and Bricker 1980
Main base	306	missile theodolite station	1938		DNE	Vandenberg Air Force Base 2002
Main base	308	water-fire pumping station	1937		DNE	Vandenberg Air Force Base 2002
Main base	878	base hazardous storage	1942		DNE	Vandenberg Air Force Base 2002
Main base	884	research-equipment storage	1942		DNE	Vandenberg Air Force Base 2002
Main base	886	base engineer covered storage facility	1942		DNE	Vandenberg Air Force Base 2002
Main base	887	base engineer covered storage facility	1942		DNE	Vandenberg Air Force Base 2002
Main base	1028	base engineer covered storage facility	1942		DNE	Vandenberg Air Force Base 2002
Main base	1110	sewage treatment and disposal	1942		DNE	Vandenberg Air Force Base 2002
Main base	1338	visiting officer's quarters	1942		DNE	Vandenberg Air Force Base 2002
Main base	1656	museum building	1942	Communications shack (Space Launch Complex-10 [SLC-10])	DNE	McCarthy et al. 1995; Nowlan et al. 1996; Vandenberg Air Force Base 2002
Main base	1657	museum building	1942	office and administration facility (Space Launch Complex-10 West [SLC-10W])	NHLC	McCarthy et al. 1995; Nowlan et al. 1996; Vandenberg Air Force Base 2002
Main base	1755	aircraft-support equipment shop/storage facility	1942		DNE	Vandenberg Air Force Base 2002
Main base	5016	MWR [Morale, Welfare, and Recreation] supply and NAF [Nonappropriated Funds] central storage	1942		DNE	Vandenberg Air Force Base 2002
Main base	10374	loading/unloading platform	1942		DNE	Vandenberg Air Force Base 2002

<b>Property</b>	<b>Facility No.</b>	<b>Current Nomenclature</b>	<b>Construction Date</b>	<b>Historic Function(s)</b>	<b>NRHP Status</b>	<b>Document</b>
Main base	10503	U.S. Air Force Office of Special Investigations	1942		DNE	Vandenberg Air Force Base 2002
Main base	10580	base flag pole	1942		DNE	Vandenberg Air Force Base 2002
Main base	10715	base engineer pavements and grounds facility	1942		DNE	Vandenberg Air Force Base 2002
Main base	10717	base engineer pavements and grounds facility	1942		DNE	Vandenberg Air Force Base 2002
Main base	10719	base engineer covered storage facility	1942		DNE	Vandenberg Air Force Base 2002
Main base	11137	base engineer covered storage facility	1942		DNE	Vandenberg Air Force Base 2002
Main base	11145	base engineer covered storage facility	1942		DNE	Vandenberg Air Force Base 2002
Main base	11152	base engineer covered storage facility	1942		DNE	Vandenberg Air Force Base 2002
Main base	11156	medical storage for war-readiness material	1942		DNE	Vandenberg Air Force Base 2002
Main base	11162	research-equipment storage	1942		DNE	Vandenberg Air Force Base 2002
Main base	11165	disaster preparedness	1942		DNE	Vandenberg Air Force Base 2002
Main base	11166	warehouse supply and equipment base	1942		DNE	Vandenberg Air Force Base 2002
Main base	11169	base engineer covered storage facility	1942		DNE	Vandenberg Air Force Base 2002
Main base	11170	research-equipment storage	1942		DNE	Vandenberg Air Force Base 2002
Main base	11175	research-equipment storage	1942		DNE	Vandenberg Air Force Base 2002
Main base	11176	research-equipment storage	1942		DNE	Vandenberg Air Force Base 2002
Main base	11177	base engineer covered storage facility	1942		DNE	Vandenberg Air Force Base 2002
Main base	11179	exchange retail warehouse	1942		DNE	Vandenberg Air Force Base 2002
Main base	11180	thrift shop	1942		DNE	Vandenberg Air Force Base 2002
Main base	11181	research-equipment storage	1942		DNE	Vandenberg Air Force Base 2002
Main base	11248	weapon-system-maintenance management facility	1942		DNE	Vandenberg Air Force Base 2002
Main base	11345	base engineer maintenance shop	1942		DNE	Vandenberg Air Force Base 2002
Main base	11352	housing supplies and storage facility	1942		DNE	Vandenberg Air Force Base 2002

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Property	Facility No.	Current Nomenclature	Construction Date	Historic Function(s)	NRHP Status	Document
Main base	11439	base engineer maintenance shop	1942		DNE	Vandenberg Air Force Base 2002
Main base	13022	chapel, base	1942		DNE	Vandenberg Air Force Base 2002
Main base	13222	post office	1942		DNE	Vandenberg Air Force Base 2002
Main base	14019	gymnasium	1942		DNE	Vandenberg Air Force Base 2002
Main base	14026	gymnasium	1942		DNE	Vandenberg Air Force Base 2002
Main base	16100	court, tennis	1942		DNE	Vandenberg Air Force Base 2002
Main base	86001	railroad trackage	1942		DNE	Vandenberg Air Force Base 2002
Pillar Point Air Force Station	6	base supply and equipment base	1941		DNE	Cole and Cagle 1995; Vandenberg Air Force Base 2002
Vandenberg Point Arguello MTK03	202	missile and space research engineering	1928		DNE	Vandenberg Air Force Base 2002

Key: DNE = Determined not NRHP eligible; MTK = Missile Tracking Site; NHL.C = Contributing element of NHL district; NREI = Individual NRHP eligible; NHL = National Historic Landmark; NRHP = National Register of Historic Places.

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File Name	Display Name	Author	Publish Date	Description	Expiration Date	Destination Menu-Primary Home	Security Level	Category	Document Location	Comments
CERL_Army_Housing_Standardized_Plans_Vol_1_1986.pdf	A Study of United States Army Family Housing Standardized Plans 1866-1940, Volume 1: Introduction	Grashof	1 May 1986	Volume contains the introduction of the study. It provides a discussion of periods of standardization, an analysis of plans, and an annotated bibliography.	31 Dec. 2030	Historic Buildings-Structures/Contexts	DoD	Guidance	U.S. Army Engineer Research and Development Center, Construction Engineering Research Laboratory	
CERL_Army_Housing_Standardized_Plans_Vol_2_1986.pdf	A Study of United States Army Family Housing Standardized Plans 1866-1940, Volume 2: 1866-1890	Grashof	1 May 1986	Volume contains the standardized plans for family housing that have been identified from the first period of standardization. Plan numbers include OQ-1 through OQ-44, NCO-1 through NCO-6, and HSQ-1 through HSQ-2.	31 Dec. 2030	Historic Buildings-Structures/Contexts	DoD	Guidance	U.S. Army Engineer Research and Development Center, Construction Engineering Research Laboratory	
CERL_Army_Housing_Standardized_Plans_Vol_3_1986.pdf	A Study of United States Army Family Housing Standardized Plans 1866-1940, Volume 3: 1890-1917	Grashof	1 May 1986	Volume contains the standardized plans for family housing that have been identified from the second period of standardization. Plan numbers include OQ-45 through OQ-47, NCO-7 through NCO-8, and Regular Numbers 2 through 144.	31 Dec. 2030	Historic Buildings-Structures/Contexts	DoD	Guidance	U.S. Army Engineer Research and Development Center, Construction Engineering Research Laboratory	
CERL_Army_Housing_Standardized_Plans_Vol_4_1986.pdf	A Study of United States Army Family Housing Standardized Plans 1866-1940, Volume 4: 1890-1917	Grashof	1 May 1986	Volume contains the standardized plans for family housing that have been identified from the second period of standardization. Plan numbers include Regular Numbers 145 through "Special Numbers".	31 Dec. 2030	Historic Buildings-Structures/Contexts	DoD	Guidance	U.S. Army Engineer Research and Development Center, Construction Engineering Research Laboratory	
CERL_Army_Housing_Standardized_Plans_Vol_5_1986.pdf	A Study of United States Army Family Housing Standardized Plans 1866-1940, Volume 5: 1917-1940	Grashof	1 May 1986	Volume contains the standardized plans for family housing that have been identified from the third period of standardization. Plan numbers include OQ-48 through OQ-70 and NCO-9 through NCO-19.	31 Dec. 2030	Historic Buildings-Structures/Contexts	DoD	Guidance	U.S. Army Engineer Research and Development Center, Construction Engineering Research Laboratory	
CERL_Army_Housing_Standardized_Plans_Vol_6_1986.pdf	A Study of United States Army Family Housing Standardized Plans 1866-1940, Volume 6: Appendices	Grashof	1 May 1986	Volume contains the scope of work and methodology. Appendixes include possible standardized plans and specifications for some standard designs.	31 Dec. 2030	Historic Buildings-Structures/Contexts	DoD	Guidance	U.S. Army Engineer Research and Development Center, Construction Engineering Research Laboratory	
DMAFB_Historic_Evaluation_of_10_Buildings_2005.pdf	Davis-Monthan Air Force Base Historic Evaluation of Ten Buildings	Prior, Freeman, Murdock, Peyton	1 June 2005	Facilities 1440, 1540, 129, 128, 1246, and 131 are recommended not eligible for listing in the NRHP. Facilities 70, 72, 73, and 74 maintain their integrity and are recommended eligible for listing in the NRHP under criteria a and c and criterion consideration g.	31 Dec. 2030	Historic Buildings-Structures/Inventory & Evaluation	DoD	Reports	355th Civil Engineer Squadron/Environmental Flight Analysis Section, Davis-Monthan Air Force Base, Arizona	
DMAFB_Integrated_Cultural_Resources_Management_Plan_2007.pdf	Davis-Monthan Air Force Base, Arizona: Integrated Cultural Resources Management Plan	Lisa	1 May 2007	Standard operating procedure designed for cultural resources, including archaeological sites, traditional-use sites, historic buildings, historical property, and associated documents.	31 Dec. 2030	Policy & Program Management/ICRMP/Current	DoD	Guidance	355th Civil Engineer Squadron/Environmental Flight Analysis Section, Davis-Monthan Air Force Base, Arizona	
DMAFB_The_Story_of_DMAFB_1940-1976_1982.pdf	The Story of Davis-Monthan AFB, 1940-1976	Myers	16 Dec. 1982	A comprehensive history of the installation from 1940 to 1976, ending with the transfer of Davis-Monthan AFB from the Strategic Air Command to the Tactical Air Command on Sept. 30, 1976.	31 Dec. 2030	Historic Buildings-Structures/Contexts	DoD	Reports	355th Civil Engineer Squadron/Environmental Flight Analysis Section, Davis-Monthan Air Force Base, Arizona	
HAFB_Evaluation_of_Buildings_and_Structures_on_HAFB_Lands_2007.pdf	An Architectural Survey, Documentation, and Evaluation of Buildings and Structures on Hill Air Force Base Lands	Thompson	1 Apr. 2007	A total of 56 buildings and structures were evaluated. Ten properties (1 individual resource and 9 contributing resources) were recommended eligible for listing in the NRHP.	31 Dec. 2030	Historic Buildings-Structures/Inventory & Evaluation	DoD	Reports	Environmental Management Division, Hill Air Force Base, Utah	
HAFB_Arsenal_of_the_Cold_War_1999.pdf	Arsenal of the Cold War: A Survey of Potentially Significant Facilities On Property Administered by Hill Air Force Base, Utah	McChristian, Greene	1 Dec. 1999	The survey resulted in the tentative designation of eight historic districts and three individual structures.	31 Dec. 2030	Historic Buildings-Structures/Inventory & Evaluation	DoD	Reports	Environmental Management Division, Hill Air Force Base, Utah	

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HAFB_Final_CRMP_Historical_Structures_1995.pdf	Cultural Resource Management Plan for Hill Air Force Base, Utah	Durst, Jacobs, Wang	31 Aug. 1995	Standard operating procedure provides legal history of preservation laws that affect the Base, environmental background, Base missions, and previous resource investigations. Survey Report Section contains the narratives and contexts. Management Section contains operating procedures for the Base to follow to mitigate adverse effects and otherwise manage their cultural resources.	31 Dec. 2030	Policy & Program Management/ICRMP/Archive	DoD	Guidance	Environmental Management Division, Hill Air Force Base, Utah	
HAFB_Historic_and_Descriptive_Study_of_Base_Structures_1992.pdf	Hill Air Force Base Historic and Descriptive Study of Base Structures	Workman	1 Feb. 1992	Provides a history of installation and examines the status of buildings constructed more than 50 years ago that may have historical significance.	31 Dec. 2030	Historic Buildings-Structures/Inventory & Evaluation	DoD	Reports	Environmental Management Division, Hill Air Force Base, Utah	
HAFB_Historic_Buildings_and_Structures_Reassessment_Final_2003.pdf	Hill Air Force Base Historic Buildings and Structures Reassessment: Final	Salo, Prior, Ferguson	1 Sept. 2003	Reassessment affirmed some of the recommendations made in previous reports, but it did not affirm all of the previous NRHP-eligibility findings.	31 Dec. 2030	Historic Buildings-Structures/Inventory & Evaluation	DoD	Reports	Environmental Management Division, Hill Air Force Base, Utah	
HAFB_ICRMP_Vol_I_2007.pdf	Hill Air Force Base: Integrated Cultural Resources Management Plan, Volume I	Hill Air Force Base	1 Jan. 2007	Standard operating procedure to serve as the planning and guidance document that will assist Hill AFB in complying with federal preservation requirements and U.S. Air Force policy directives for fiscal years 2004–2008.	31 Dec. 2030	Policy & Program Management/ICRMP/Current	DoD	Guidance	Environmental Management Division, Hill Air Force Base, Utah	
HAFB_ICRMP_Vol_II_2007.pdf	Hill Air Force Base: Integrated Cultural Resources Management Plan, Volume II: Appendices	Hill Air Force Base	1 Jan. 2007	Volume includes setting, cultural resource inventories, contacts, curation plan, memoranda of agreement, coordination letters, and design guidelines.	31 Dec. 2030	Policy & Program Management/ICRMP/Current	DoD	Guidance	Environmental Management Division, Hill Air Force Base, Utah	
KAFB_Historical_Significance_of_Bldgs_904_907_Tech_Area_II_1994.pdf	An Architectural Description and Discussion of the Historical Significance of Buildings 904 and 907, Tech Area II, Sandia National Laboratories, New Mexico	Krammer	1 Feb. 1994	Facilities 904 and 907 were recommended potentially eligible for listing in the NRHP. These buildings were among the first constructed in the area used for assembling the first hydrogen bomb in 1952.	31 Dec. 2030	Historic Buildings-Structures/Inventory & Evaluation	DoD	Reports	377th Mission Support Group/Civil Engineering Asset Management Natural Resources, Kirtland Air Force Base, New Mexico	
KAFB_Class_III_Survey_and_Bldg_Evaluation_of_Military_Housing_1999.pdf	Class III Cultural Resources Survey and Building Evaluation For Proposed Privatization of Military Housing Kirtland Air Force Base, Bernalillo County, New Mexico	Sullivan, O'Byrne, Schilz	9 July 1999	Archaeological survey and evaluation of residential housing. No resources were recommended eligible for listing in the NRHP.	31 Dec. 2030	Historic Buildings-Structures/Inventory & Evaluation	DoD	Reports	377th Mission Support Group/Civil Engineering Asset Management Natural Resources, Kirtland Air Force Base, New Mexico	
KAFB_Class_III_Survey_and_Bldg_Evaluation_of_Demo_Construction_Renovation_Projects_1999.pdf	Class III Cultural Resources Survey and Building Evaluation For Proposed 1999 Demolition, Construction, and Renovation Projects, Kirtland Air Force Base, Bernalillo County, New Mexico	Sullivan, Schilz, O'Byrne	1 Oct. 1999	Two prehistoric archaeological sites identified. LA 127813, a surface lithic scatter, was recommended not eligible for listing in the NRHP. LA 127814, a surface lithic scatter, is recommended eligible for listing in the NRHP.	31 Dec. 2030	Archaeological Resources/Inventory & Evaluation	DoD	Reports	377th Mission Support Group/Civil Engineering Asset Management Natural Resources, Kirtland Air Force Base, New Mexico	
KAFB_Inventory_of_the_Manzano_Storage_Area_Pt_II_1998.pdf	A Cultural Resources Inventory of the Manzano Storage Area, Kirtland AFB, Bernalillo County, New Mexico, Part II: Cold War Resources	Verhaaren	22 July 1998	Manzano Storage Area consists of the storage complex and an administrative area. Three structures in the storage complex were recommended potentially eligible for listing in the NRHP. Facilities in the administrative area were recommended not eligible for listing in the NRHP.	31 Dec. 2030	Historic Buildings-Structures/Inventory & Evaluation	DoD	Reports	377th Mission Support Group/Civil Engineering Asset Management Natural Resources, Kirtland Air Force Base, New Mexico	
KAFB_Historic_Bldg_Inventory_and_Evaluation_377th_Air_Base_Wing_1999.pdf	Historic Building Inventory and Evaluation: 377th Air Base Wing, Kirtland Air Force Base, New Mexico	Tuttle	1 Oct. 1999	Establishes an overview understanding of each facility and its relationship to important themes of World War II and Cold War history in order to assess its significance in accordance with NRHP criteria and the criteria set forth in the 1993 U.S. Air Force <i>Interim Guidance</i> .	31 Dec. 2030	Historic Buildings-Structures/Inventory & Evaluation	DoD	Reports	377th Mission Support Group/Civil Engineering Asset Management Natural Resources, Kirtland Air Force Base, New Mexico	

File Name	Display Name	Author	Publish Date	Description	Expiration Date	Destination Menu-Primary Home	Security Level	Category	Document Location	Comments
KAFB_ICRMP_2008.pdf	Integrated Cultural Resources Management Plan, Kirtland Air Force Base, New Mexico	Naval Facilities Engineering Command, Pacific Division	1 Feb. 2008	Standard operating procedure to assist nontechnical managers and planners to comply with the U.S. Air Force's legal responsibilities for the preservation of significant archaeological and historic cultural resources.	31 Dec. 2030	Policy & Program Management/ICRMP/Current	DoD	Guidance	377th Mission Support Group/Civil Engineering Asset Management Natural Resources, Kirtland Air Force Base, New Mexico	
KAFB_NRHP_Eligibility_Evaluation_of_16_Structures_2000.pdf	National Register of Historic Places Eligibility Evaluation of Sixteen Structures Undergoing Maintenance and Repair, Kirtland Air Force Base, New Mexico	Van Citters	20 Dec. 2000	Thirteen of the buildings are not 50 years old or older and do not meet an important theme of the Cold War. Three buildings are 50 years old and were recommended not eligible for listing in the NRHP.		Historic Buildings-Structures/Inventory & Evaluation		Reports	377th Mission Support Group/Civil Engineering Asset Management Natural Resources, Kirtland Air Force Base, New Mexico	
KAFB_NRHP_Eligibility_Evaluation_of_Air_National_Guard_Bldgs_2000.pdf	National Register of Historic Places Eligibility Evaluation of Air National Guard Buildings, Kirtland Air Force Base, New Mexico	Van Citters	1 Sept. 2000	Three facilities were not considered exceptionally important under a Cold War theme, one facility was constructed after the period of significance (1945–1989), and one facility was recommended eligible for listing in the NRHP.	31 Dec. 2030	Historic Buildings-Structures/Inventory & Evaluation	DoD	Reports	377th Mission Support Group/Civil Engineering Asset Management Natural Resources, Kirtland Air Force Base, New Mexico	
KAFB_NRHP_Eligibility_Evaluation_of_Bldgs_Affected_by_the_CV-22_Program_2000.pdf	National Register of Historic Places Eligibility Evaluation of Buildings Affected by the CV-22 Program, Kirtland Air Force Base, New Mexico	Van Citters	1 Sept. 2000	Three facilities were not considered exceptionally important under a Cold War theme, one facility was constructed after the period of significance (1945–1989), and five facilities were recommended eligible for listing in the NRHP.	31 Dec. 2030	Historic Buildings-Structures/Inventory & Evaluation	DoD	Reports	377th Mission Support Group/Civil Engineering Asset Management Natural Resources, Kirtland Air Force Base, New Mexico	
KAFB_NRHP_Eligibility_Evaluation_of_Hangers_481_and_482_2000.pdf	National Register of Historic Places Eligibility Evaluation of Hangers 481 and 482, Kirtland Air Force Base, New Mexico: Final	Schilz	10 July 2000	Hangars 481 and 482 were recommended not eligible for listing in the NRHP. They were used by B-29s during World War II.	31 Dec. 2030	Historic Buildings-Structures/Inventory & Evaluation	DoD	Reports	377th Mission Support Group/Civil Engineering Asset Management Natural Resources, Kirtland Air Force Base, New Mexico	
KAFB_NRHP_Eligibility_Evaluation_of_Properties_Undergoing_General_Maintenance_and_Repair_2000.pdf	National Register of Historic Places Eligibility Evaluation of Properties Undergoing General Maintenance and Repair, Kirtland Air Force Base, New Mexico	Van Citters	1 Sept. 2000	Fifteen properties were recommended not eligible for listing in the NRHP, as they are not yet 50 years old and have no thematic association with the Cold War.	31 Dec. 2030	Historic Buildings-Structures/Inventory & Evaluation	DoD	Reports	377th Mission Support Group/Civil Engineering Asset Management Natural Resources, Kirtland Air Force Base, New Mexico	
KAFB_NRHP_Historic_Context_and_Evaluation_2003.pdf	National Register of Historic Places Historic Context and Evaluation for Kirtland Air Force Base, Albuquerque, New Mexico	Van Citters, Bisson	1 June 2003	A total of 86 properties and 3 historic districts (incorporating 27 of the properties) were recommended eligible for listing in the NRHP.	31 Dec. 2030	Historic Buildings-Structures/Inventory & Evaluation	DoD	Reports	377th Mission Support Group/Civil Engineering Asset Management Natural Resources, Kirtland Air Force Base, New Mexico	
KAFB_The_29000_Area_1998.pdf	The 29000 Area: The New Mexico Proving Ground, The New Mexico Experimental Range, and the Development of Kirtland Air Force Base	Verhaaren	23 Nov. 1998	Five buildings remain from the original New Mexico Proving Ground headquarters area, along with magazines, observation towers, and shelters. These facilities were recommended eligible for listing in the NRHP as a historic district.	31 Dec. 2030	Historic Buildings-Structures/Inventory & Evaluation	DoD	Reports	377th Mission Support Group/Civil Engineering Asset Management Natural Resources, Kirtland Air Force Base, New Mexico	
LRMP_00-0106_Hunley_General_Recovery_Procedures_2000.pdf	Attachment (2) H.L. Hunley General Recovery Procedures	Oceaneering International, Inc.	10 Feb. 2000	Proposal to safely lift the H. L. Hunley Civil War submarine from the place where it was submerged. Proposes to utilize an all-welded steel-tube box truss with bolt on bearing seats and a removable sling support system incorporated with load cells for data acquisition. Provides a method of lifting without further damaging the vessel and then carrying it to a conservation site at a U.S. Navy Shipyard in Charleston Harbor.	31 Dec. 2030	Archaeological Resources/Underwater Archaeology	DoD	Reports	Legacy Resource Management Program, Department of Defense, 1225 S. Clark St., Ste. 1500, Arlington, VA 22202	
LRMP_00-0106_Hunley_Recovery_Project_1999.pdf	H.L. Hunley Recovery Project	International Archaeological Lifts, LLC	21 Dec. 1999	Proposal to safely lift the H. L. Hunley Civil War submarine from the place where it was submerged. Includes the background of IAL, the IAL Group, and a timetable for construction, testing, and demonstration. The actual recovery of the submarine meets the currently proposed schedule for a recovery in June/July of 2000.	31 Dec. 2030	Archaeological Resources/Underwater Archaeology	DoD	Reports	Legacy Resource Management Program, Department of Defense, 1225 S. Clark St., Ste. 1500, Arlington, VA 22202	

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LRMP_01-1726_ICRMP_Tool_Box_2001.pdf	ICRMP: Integrated Cultural Resources Management Plan Electronic Tool Box	Environmental Conservation Program, DoD	1 Jan. 2001	DRAFT version of an online resource, or "toolbox," that was under construction for use in assembling ICRMPs.	31 Dec. 2030	Policy & Program Management/ICRMP/Archive	DoD	Guidance	Legacy Resource Management Program, Department of Defense, 1225 S. Clark St., Ste. 1500, Arlington, VA 22202	
LRMP_04-0219_Testing_Historically_Appropriate_Blast_Resistant_Windows_vol_1_2007.pdf	Performance Testing of Historically Appropriate Blast-Resistant Windows Volume 1 - Background and Testing Program	Webster, Reicher	1 Sept. 2007	Leverages findings of Legacy project 03-176, <i>Antiterrorism Measures for Historic Properties</i> . Identifies few sources of UFC 4-010-01 compliant replacement windows that are appropriate for historic windows, but they (1) have no current blast-test data for their product and (2) have no experience with historic-building applications. This suggested a need for window testing to help ensure that the DoD has multiple trusted sources for historically compatible, blast-resistant window products.	31 Dec. 2030	Historic Buildings-Structures/Technical Guidance	DoD	Guidance	Legacy Resource Management Program, Department of Defense, 1225 S. Clark St., Ste. 1500, Arlington, VA 22202	
LRMP_04-0219_Testing_Historically_Appropriate_Blast_Resistant_Windows_vol_2_2007.pdf	Performance Testing of Historically Appropriate Blast-Resistant Windows Volume 2 - Test Data	Webster, Reicher	1 Sept. 2007	Leverages findings of Legacy project 03-176, <i>Antiterrorism Measures for Historic Properties</i> . Identifies few sources of UFC 4-010-01 compliant replacement windows that are appropriate for historic windows, but they (1) have no current blast-test data for their product and (2) have no experience with historic-building applications. This suggested a need for window testing to help ensure that the DoD has multiple trusted sources for historically compatible, blast-resistant window products.	31 Dec. 2030	Historic Buildings-Structures/Technical Guidance	DoD	Guidance	Legacy Resource Management Program, Department of Defense, 1225 S. Clark St., Ste. 1500, Arlington, VA 22202	
LRMP_04-0222_Geotechnical_Study_Ft_Sam_Houston_2005.pdf	Geotechnical Study Forensic Evaluation and Testing of Various Structures Ft. Sam Houston, Texas	Fugro Consultants	1 Feb. 2005	Assessment of foundation movement and associated distress occurring at various historic buildings at Fort Sam Houston. Studied existing foundation conditions, conducted a limited masonry-strength evaluation, and developed general guidelines to assist in preparing a stabilization plan.	31 Dec. 2030	Historic Buildings-Structures/Technical Guidance	DoD	Reports	Legacy Resource Management Program, Department of Defense, 1225 S. Clark St., Ste. 1500, Arlington, VA 22202	
LRMP_91-0067_92-0067_Study_of_African-American_Community_Yorktown_NWS_1992.pdf	"Cast Down Your Bucket Where You Are": An Ethnohistorical Study of the African-American Community on the Lands of the Yorktown Naval Weapons Station, 1865-1918	McDonald, Stuck, Bragdon	20 Apr. 1992	Study consulted numerous historical resources, including the U.S. Census, a census of African Americans in York County that was performed by the Union Army in 1865, and the Records of the Bureau of Refugees, Freedmen, and Abandoned Lands for Tidewater Virginia, in order to help provide a general picture of York County population and settlement patterns from 1865 to 1918.	31 Dec. 2030	Historic Buildings-Structures/Contexts	DoD	Reports	Legacy Resource Management Program, Department of Defense, 1225 S. Clark St., Ste. 1500, Arlington, VA 22202	
LRMP_92_0482_Paleontology_Resources_Edwards_AFB_1994.pdf	Paleontology Resources: A Key to Unlocking the Past	Science Applications International Corporation	3 June 1994	Guidance document on paleontological resources at Edwards Air Force Base, which includes an overview of laws and regulations pertaining to management of paleontological resources.	31 Dec. 2030		DoD	Guidance	Legacy Resource Management Program, Department of Defense, 1225 S. Clark St., Ste. 1500, Arlington, VA 22202	
LRMP_92-0021c_Rockshelters_Studies_Fort_Huachuca_1993.pdf	The Garden Canyon Project: Studies at Two Rockshelters, Fort Huachuca, Southeastern Arizona	Altschul, Cottrell, Meighan, Towner	1 Jan. 1993	Results of rock-art recording and analysis and archaeological test excavations in two small rockshelters on the Fort Huachuca military reservation in southeastern Arizona.	31 Dec. 2030	Archaeological Resources/Inventory & Evaluation	DoD	Reports	Legacy Resource Management Program, Department of Defense, 1225 S. Clark St., Ste. 1500, Arlington, VA 22202	

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LRMP_92-0238_Underwater_Archaeology_Conservation_Techniques_1996.pdf	Basic Methods of Conserving Underwater Archaeological Material Culture	Hamilton	1 Jan. 1996	Handbook serving as a general outline for stabilization, conservation, and long-term preservation of marine artifacts. It details many options and provides an analysis of their advantages and disadvantages within the limits of governmental laws and regulations. It also provides estimations on the effort levels and the amount and kind of resources necessary to accomplish each mission.	31 Dec. 2030	Archaeological Resources/Underwater Archaeology	DoD	Guidance	Legacy Resource Management Program, Department of Defense, 1225 S. Clark St., Ste. 1500, Arlington, VA 22202	
LRMP_92-0301_Historic_Contexts_Western_Settler_Communities_1994.pdf	Settler Communities in the West: Historic Contexts for Cultural Resource Managers of Department of Defense Lands	Lyon	1 July 1994	Contexts presented at the Settler Communities in the West Symposium held in Tacoma, Washington, in June 1993. The contexts are gathered under one cover for use by cultural resource managers of DoD lands.	31 Dec. 2030	Historic Buildings-Structures/Contexts	DoD	Reports	Legacy Resource Management Program, Department of Defense, 1225 S. Clark St., Ste. 1500, Arlington, VA 22202	
LRMP_92-0433_Evaluation_and_Assessment_of_GPR_for_Archaeological_Survey_in_Hawaiian_Islands_1996.pdf	Evaluation and Assessment of Ground-Penetrating Radar (GPR) and its Application for Archaeological Survey in the Hawaiian Islands	Williams	1 Feb. 1996	GPR studies were conducted at five localities, in order to assess the performance and suitability of GPR for archaeological investigations in sand deposits of the Hawaiian Islands. GPR was demonstrated to be a cost-effective and less-destructive alternative for investigating the presence, extent, and general nature of subsurface deposits, compared to methods that rely on extensive excavation.	31 Dec. 2030	Archaeological Resources/Planning, Survey, & Excavation Guidance	DoD	Guidance	Legacy Resource Management Program, Department of Defense, 1225 S. Clark St., Ste. 1500, Arlington, VA 22202	
LRMP_92-0497_92-0021_Hunter-Gatherer_Land_Use_Carson_Desert_1995.pdf	An Optimal Foraging Model of Hunter-Gatherer Land use in the Carson Desert	Intermountain Research	1 Feb. 1995	Predictive model of hunter-gatherer foraging-site distribution in the Carson Desert, in lands including jurisdictional domains of the U.S. Navy.	31 Dec. 2030	Archaeological Resources/Inventory & Evaluation	DoD	Reports	Legacy Resource Management Program, Department of Defense, 1225 S. Clark St., Ste. 1500, Arlington, VA 22202	
LRMP_93-0483_Reusing_Historic_National_Guard_Armories_2000.pdf	Still Serving: Reusing America's Historic National Guard Armories	Super	1 Jan. 2000	Description and promotion of the practice of adaptively reusing historic National Guard Armories across the United States. National Guard personnel in 13 states and in the District of Columbia participated in compiling data for this report.	31 Dec. 2030	Historic Buildings-Structures/Types of Bldgs	DoD	Reports	Legacy Resource Management Program, Department of Defense, 1225 S. Clark St., Ste. 1500, Arlington, VA 22202	
LRMP_93-0539_HPP_Kahuku_Training_Area_1996.pdf	Revised Draft Report Historic Preservation Plan for the Kahuku Training Area, O'ahu, Hawaii	Anderson, Williams	1 Nov. 1996	Historic preservation plan provides guidance to commanding officer and staff as to their responsibilities and duties under the mandate of the NHPA and assists them with the protection, preservation, and enhancement of the prehistoric and historic resources under their jurisdiction.	31 Dec. 2030	Policy & Program Management/Agreement Documents Information	DoD	Guidance	Legacy Resource Management Program, Department of Defense, 1225 S. Clark St., Ste. 1500, Arlington, VA 22202	
LRMP_93-0856_Navy_Shipwrecks_Washington_State_1996.pdf	US Navy Shipwrecks and Submerged Naval Aircraft in Washington: An Overview	Grant, Denfeld, Schalk	1 Dec. 1996	Study is a component of a larger effort that includes development of a management plan, completion of site inventory forms, and public outreach to disseminate the results of this study.	31 Dec. 2030	Archaeological Resources/Inventory & Evaluation	DoD	Reports	Legacy Resource Management Program, Department of Defense, 1225 S. Clark St., Ste. 1500, Arlington, VA 22202	
LRMP_93-0945_94-0700_Historic_Context_Black_Officers_Club_Fort_Leonard_Wood_1998.pdf	A Historic Context Statement for a World War II Era Black Officers' Club at Fort Leonard Wood, Missouri	Smith	1 Nov. 1998	Historic-context statement for Building 2101 that is still in active use. The building reminds us of a period when the United States was struggling with inequality and dealing with Imperial Japan and the Nazis abroad. Building 2101 was determined eligible for listing in the NRHP in August 1998 by the Missouri SHPO.	31 Dec. 2030	Historic Buildings-Structures/Contexts	DoD	Reports	Legacy Resource Management Program, Department of Defense, 1225 S. Clark St., Ste. 1500, Arlington, VA 22202	

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LRMP_93-0976_DoD_Installations_and_Great_Plains_Landscapes_1995.pdf	The Relationships Between Department of Defense Installations and the Priority Landscapes of the Great Plains of North America	Edgerton	1 Aug. 1993	Site visits were performed on installations where management plans, biological studies, and military missions were discussed. Results indicate that the DoD has made attempts to manage the seemingly dichotomous concepts of resource conservation and military training. Proactive management practices have been highlighted in this report, along with suggested strategies for the improved management of these public lands.	31 Dec. 2030	Landscapes/Context	DoD	Guidance	Legacy Resource Management Program, Department of Defense, 1225 S. Clark St., Ste. 1500, Arlington, VA 22202	
LRMP_93-1325_An_American_Legacy_in_Panama_1993.pdf	An American Legacy in Panama: A Brief History of the Department of Defense Installations	Johnson, Houle	1 Jan. 1993	Provides an overview of U.S. DoD installations in the Panama Canal area.	31 Dec. 2030	Historic Buildings-Structures/Contexts	DoD	Reports	Legacy Resource Management Program, Department of Defense, 1225 S. Clark St., Ste. 1500, Arlington, VA 22202	
LRMP_93-1326_History_of_Fort_Amador_Panama_1993.pdf	A History of Fort Amador and Fort Grant, the Former Panama Canal Zone, Republic of Panama	Johnson, Houle	1 Jan. 1993	A brief history of Fort Amador and Fort Grant and documentation of the available historical records.	31 Dec. 2030	Historic Buildings-Structures/Contexts	DoD	Reports	Legacy Resource Management Program, Department of Defense, 1225 S. Clark St., Ste. 1500, Arlington, VA 22202	
LRMP_94-0008_Archeology_and_Bioarcheology_Northern_Plains_1996.pdf	Archeology and Bioarcheology of the Northern Plains: A Volume in the Central and Northern Plains Archeological Overview	Frison, Mainfort	1 Dec. 1996	Review of the 12,000 years of human occupation in the Northwestern Great Plains states of Montana, Wyoming, North Dakota, and South Dakota. Syntheses of the archeological and bioarcheological resources under the guise of human adaptation types reveal significant gaps that future research should address.	31 Dec. 2030	Archaeological Resources/Inventory & Evaluation	DoD	Reports	Legacy Resource Management Program, Department of Defense, 1225 S. Clark St., Ste. 1500, Arlington, VA 22202	
LRMP_94-0008_Archeology_and_Bioarcheology_Northern_Woodlands_1997.pdf	Archeology and Bioarcheology of the Northern Woodlands: A Volume in the Central and Northern Plains Archeological Overview	Benchley, Nansel, Dobbs, Myster, O'Connell	1 Jan. 1997	Overview study reveals a considerable diversity of cultures and adaptations across this environmentally variable region through time. After reviewing the physical setting, cultural history, and bioarcheology of the region by state, a final integrative chapter proposes a series of adaptation types that crosscut traditional political and temporal boundaries.	31 Dec. 2030	Archaeological Resources/Inventory & Evaluation	DoD	Reports	Legacy Resource Management Program, Department of Defense, 1225 S. Clark St., Ste. 1500, Arlington, VA 22202	
LRMP_94-0008_Archeology_and_Paleoecology_Central_Great_Plains_1996.pdf	Archeology and Paleoecology of the Central Great Plains: A Volume in the Central and Northern Plains Archeological Overview	Hofman	1 Dec. 1996	Current perspectives on human occupation of the Central Plains region, as viewed through archeological, biological, and paleoenvironmental records. Includes definitions of research areas, data limitations, and problems in need of further investigation. One integrative chapter uses the concept of Adaptation Types to broadly summarize the current status of information and research needs.	31 Dec. 2030	Archaeological Resources/Inventory & Evaluation	DoD	Reports	Legacy Resource Management Program, Department of Defense, 1225 S. Clark St., Ste. 1500, Arlington, VA 22202	
LRMP_94-0008_Bioarcheology_North_Central_United_States_1997.pdf	Bioarcheology of the North Central United States: A Volume in the Central and Northern Plains Archeological Overview	Owsley, Rose	1 Jan. 1997	Bioarcheological overviews of 11 states (Missouri, North Dakota, South Dakota, Montana, Wyoming, Wisconsin, Iowa, Minnesota, and Nebraska and portions of Kansas and Colorado). Studies of cranial, postcranial, and discrete trait variation and application of stable isotopes in analysis of dietary patterns. A comprehensive database of bioarcheological resources includes distributions by environmental factors, time periods, and agencies; recovery methods; and analysis.	31 Dec. 2030	Archaeological Resources/Inventory & Evaluation	DoD	Reports	Legacy Resource Management Program, Department of Defense, 1225 S. Clark St., Ste. 1500, Arlington, VA 22202	

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LRMP_94-0008_Holocene_Human_Adaptations_Missouri_Prairie-Timberlands_1995.pdf	Holocene Human Adaptations in the Missouri Prairie-Timberlands: A Volume in the Central and Northern Plains Archeological Overview	Wood, O'Brien, Murray, Rose	1 Aug. 1996	Overview reviews what has been learned about how humans responded to the changing physical and cultural landscape throughout 10,000 years of occupation and use of the region. Synthesis of the archeological and bioarcheological work in this region under the guise of human adaptation types reveals significant gaps that future research should address.	31 Dec. 2030	Archaeological Resources/Inventory & Evaluation	DoD	Reports	Legacy Resource Management Program, Department of Defense, 1225 S. Clark St., Ste. 1500, Arlington, VA 22202	
LRMP_94-0021_Rock_Art_Study_on_DoD_Property_1997.pdf	Rock Art Study on DoD Property Located in LANTOPS, EFA Chesapeake, and NORTHDIV Areas of Responsibility, Final Report	Meighan, Williams	1 Jan. 1997	Provides a definition of the general characteristics of rock-art sites in the northeastern United States; a regional context and predictive model for rock art in the study area; analysis of potential threats to rock-art sites as a result of military, civilian, or natural activities and factors; and recommendations for managing rock-art sites on military installations, including techniques for site identification, recording, and preservation.	31 Dec. 2030	Archaeological Resources/Inventory & Evaluation	DoD	Reports	Legacy Resource Management Program, Department of Defense, 1225 S. Clark St., Ste. 1500, Arlington, VA 22202	
LRMP_94-0162_92-0427_93-0427_Archaeological_Investigations_Pohakuloa_Training_Area_1995.pdf	Draft Archaeological Investigations of Two Work Areas for the Legacy Resource Management Program at Pohakuloa Training Area, Hawai'i, Island, Hawai'i	Shapiro, Cleghorn	1 Feb. 1995	Intensive archaeological survey of two areas totaling 8,000 acres, development of predictive models, and preparation of Historic Preservation Plan for Pohakuloa Training Area.	31 Dec. 2030	Archaeological Resources/Inventory & Evaluation	DoD	Reports	Legacy Resource Management Program, Department of Defense, 1225 S. Clark St., Ste. 1500, Arlington, VA 22202	
LRMP_94-0190_New_Mexico_National_Guard_Armories_1996.pdf	New Mexico National Guard Armories: Through These Doors Walk the Finest Men	Capitol Government Reports	30 June 1995	Historic overview and inventory of National Guard Armories in the state of New Mexico. Provides an overview of the history of the National Guard in New Mexico, as well as descriptions and histories of individual armory buildings in the state.	31 Dec. 2030	Historic Buildings-Structures/Contexts	DoD	Reports	Legacy Resource Management Program, Department of Defense, 1225 S. Clark St., Ste. 1500, Arlington, VA 22202	
LRMP_94-0210_Landscape_Inventory_West_Point_2000.pdf	Historic Landscape Inventory for U.S. Military Academy at West Point, New York	Timeline, Loechl	1 Dec. 2000	Provides detailed investigations and evaluations of surviving historic landscape areas and identifies the most important historic landscape areas and landscape characteristics within the installation. Can be used to help guide the U.S. Military Academy's preservation efforts and to provide guidance for the development of a historic landscape management plan.	31 Dec. 2030	Landscapes/Inventory & Evaluation	DoD	Reports	Legacy Resource Management Program, Department of Defense, 1225 S. Clark St., Ste. 1500, Arlington, VA 22202	
LRMP_94-0235_History_of_Quarry_Heights_Panama_1994.pdf	A History of Quarry Heights Military Reservations, the Former Panama Canal Zone, Republic of Panama	Johnson, Houle	1 Jan. 1994	A brief history of Quarry Heights Military Reservation prior to its transfer to the Republic of Panama and documentation of the available historical records.	31 Dec. 2030	Historic Buildings-Structures/Contexts	DoD	Reports	Legacy Resource Management Program, Department of Defense, 1225 S. Clark St., Ste. 1500, Arlington, VA 22202	
LRMP_94-0311_Patriotic_Legacy_Code_Talkers_1995.pdf	Patriotic Legacy: The Navajo Code Talkers and the Use of Native American Languages in Defense of America	New Mexico Department of Military Affairs	1 Dec. 1995	Historical overview of the role of Native American code talkers in World War II. Includes oral histories, a glossary of the Navajo code, and a list of the code talkers who took part in operations in World War II.	31 Dec. 2030	Historic Buildings-Structures/Contexts	DoD	Reports	Legacy Resource Management Program, Department of Defense, 1225 S. Clark St., Ste. 1500, Arlington, VA 22202	
LRMP_94-0578_95-0518_95-0578_Minuteman_Missile_Sites_Ellsworth_1995.pdf	Minuteman Missile Sites Ellsworth Air Force Base South Dakota, Special Resource Study	National Park Service, US Air Force	1 Jan. 1995	Includes management alternatives and an environmental assessment.	31 Dec. 2030	Historic Buildings-Structures/Inventory & Evaluation	DoD	Reports	Legacy Resource Management Program, Department of Defense, 1225 S. Clark St., Ste. 1500, Arlington, VA 22202	
LRMP_95-0597_Beartail_Rockshelter_Legacy_1997.pdf	The Beartail Rockshelter Legacy Project	Hubbert	1 Jan. 1997	Project elucidates late Pleistocene and early Holocene environments in the Beartail Rockshelter and the surrounding area and explicates the nature and identity of the human occupations in the project area at that time.	31 Dec. 2030	Archaeological Resources/Inventory & Evaluation	DoD	Reports	Legacy Resource Management Program, Department of Defense, 1225 S. Clark St., Ste. 1500, Arlington, VA 22202	

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LRMP_95-40061_Historic_and_Archaeological_Assessment_Shipwreck_USS_Tulip_1998.pdf	"The Terrible Calamity on the Lower Potomac": An Historical and Archaeological Assessment of the Shipwreck <i>U.S.S. Tulip</i> (18ST644), Potomac River, St. Mary's County, Maryland	Thompson	1 Apr. 1998	Summary of the historical overview, known unauthorized salvage activities, archaeological analysis, material culture, and a management plan resulting from the Maryland Maritime Archaeology Program's activities at the site of the shipwreck.	31 Dec. 2030	Archaeological Resources/Inventory & Evaluation	DoD	Reports	Legacy Resource Management Program, Department of Defense, 1225 S. Clark St., Ste. 1500, Arlington, VA 22202	
LRMP_97-0076_Archaeological_Curation_Needs_Assessment_Vol_1_2000.pdf	An Archeological Curation-Needs Assessment of Military Installations in Select Western States Volume 1	Felix, Halpin, Holland, Marino, McSween, Murdoch, Samerdyke, Shingleton, Yu	1 Jan. 2000	Assessment of all active military installations in Alaska, Arizona, Colorado, Hawaii, Kansas, Louisiana, Oklahoma, Nevada, New Mexico, Texas, Utah, and the District of Columbia. Over 5,000 cubic feet of artifacts and over 700 linear feet of associated documentation from archaeological projects conducted on these installations were examined.	31 Dec. 2030	Curation/Repositories	DoD	Guidance	Legacy Resource Management Program, Department of Defense, 1225 S. Clark St., Ste. 1500, Arlington, VA 22202	
LRMP_97-0076_Archaeological_Curation_Needs_Assessment_Vol_2_Military_2000.pdf	An Archeological Curation-Needs Assessment of Military Installations in Select Western States Volume 2	Felix, Halpin, Holland, Marino, McSween, Murdoch, Samerdyke, Shingleton, Yu	1 Jan. 2000	Assessment of all active military installations in Alaska, Arizona, Colorado, Hawaii, Kansas, Louisiana, Oklahoma, Nevada, New Mexico, Texas, and Utah.	31 Dec. 2030	Curation/Repositories	DoD	Guidance	Legacy Resource Management Program, Department of Defense, 1225 S. Clark St., Ste. 1500, Arlington, VA 22202	
LRMP_97-0076_Archaeological_Curation_Needs_Assessment_Vol_II_Non-Military_2000.pdf	Archaeological Curation-Needs Assessment Volume II Non-Military Repositories	Felix, Halpin, Holland, Marino, McSween, Murdoch, Samerdyke, Shingleton, Yu	1 Jan. 2000	Assessment of all active military installations in Alaska, Arizona, Colorado, Hawaii, Kansas, Louisiana, Oklahoma, Nevada, New Mexico, Texas, and Utah.	31 Dec. 2030	Curation/Repositories	DoD	Guidance	Legacy Resource Management Program, Department of Defense, 1225 S. Clark St., Ste. 1500, Arlington, VA 22202	
LRMP_97-0076_Curations_Options_Project_1999.pdf	Department of Defense and U.S. Army Corps of Engineers Curation Options Project, Western and Mid-Atlantic States	U.S. Army Corps of Engineers, St. Louis District; Mandatory Center of Expertise for the Curation and Management of Archaeological Collections	1 Sept. 1999	Identification of one institution in each state that has the capability and the interest to potentially partner with the federal government for the purpose of curating archaeological materials and associated documentation recovered from lands managed by the U.S. Army, U.S. Navy, U.S. Marines, U.S. Air Force, and U.S. Army Corps of Engineers.	31 Dec. 2030	Curation/Repositories	DoD	Guidance	Legacy Resource Management Program, Department of Defense, 1225 S. Clark St., Ste. 1500, Arlington, VA 22202	
LRMP_98-1725_Management_Plan_Navy_Shipwrecks_South_Carolina_2004.pdf	A Management Plan for Known and Potential United States Navy Shipwrecks in South Carolina	Amer, Beatty, Harris, Naylor, Spirek, Ragan	1 Apr. 2004	Results of a multiyear study that (1) compiled historical and cultural data on U.S. Navy vessels lost in South Carolina waters and 2) used these data to update the Naval Historical Center's database of U.S. Navy shipwrecks in or near state waters.	31 Dec. 2030	Archaeological Resources/Inventory & Evaluation	DoD	Reports	Legacy Resource Management Program, Department of Defense, 1225 S. Clark St., Ste. 1500, Arlington, VA 22202	
LRMP_98-1725_Resources_Protection_Plan_and_GIS_for_Virginia_Shipwrecks_2004.pdf	A Historic Archaeological Resources Protection Plan and Geographic Information System for Shipwrecks in Virginia Waters Under the Jurisdiction of the United States Navy	Watts	1 May 2004	Provides tools to protect and manage vessels contained in the U.S. Navy Shipwreck Database Inventory. Both the geographic information system and the Historic Archaeological Resources Protection Plan have been designed to locate and assess submerged shipwreck resources that could be impacted by development and other activities.	31 Dec. 2030	Curation/Curation Plans	DoD	Guidance	Legacy Resource Management Program, Department of Defense, 1225 S. Clark St., Ste. 1500, Arlington, VA 22202	
LRMP_98-1754_Cold_War_Needs_Assessment_2000.pdf	Cold War Needs Assessment, A Legacy Project	Air Force Center for Environmental Excellence	1 Sept. 2000	Assessment includes a review of methods used in 11 completed interservice Cold War building and structure evaluations (U.S. Air Force, U.S. Navy, and U.S. Army). Along with other studies that were concurrently being conducted, this was intended to support the ongoing development and refinement of the U.S. Air Force's guidance for the evaluation of Cold War resources.	31 Dec. 2030	Historic Buildings-Structures/Documentation Guidance	DoD	Guidance	Legacy Resource Management Program, Department of Defense, 1225 S. Clark St., Ste. 1500, Arlington, VA 22202	

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LRMP_99-1749_Using_Declassified_and_Classified_Imagery_2000.pdf	Removing the Veil: Interest of Military Land Managers in Using Declassified and Classified Imagery	Lozar, Smith, Croisant, Rasmussen, Hale	1 Aug. 2000	Objectives were to identify the characteristics of declassified (or lesser classified) remote-imagery resources, to prioritize potential application of those resources in support of a service-wide user catalog of intelligence-imagery applications for the U.S. Army military land manager, and to objectively identify needs of installation land managers in relation to the imagery available and its applications.	31 Dec. 2030	Historic Buildings-Structures/Technical Guidance	DoD	Guidance	Legacy Resource Management Program, Department of Defense, 1225 S. Clark St., Ste. 1500, Arlington, VA 22202	
LRMP_99-1893_Legacy_Resource_Management_Program_and_Quarterly_Reports_1999.pdf	Legacy Resource Management Program Final Report and Quarterly Reports	Schueck	30 Apr. 1999	Provides data for a bird-strike forecast model that will assist the military in avoiding soaring birds. Purpose was to use a variety of technologies and integrate new information with existing computer models to demonstrate a robust bird-strike model (the Bird Flight Forecast Model [BFFM]).	31 Dec. 2030		DoD	Guidance	Legacy Resource Management Program, Department of Defense, 1225 S. Clark St., Ste. 1500, Arlington, VA 22202	
VAFB_ABRES-A_Complex_Survey_1991.pdf	Cultural Resource Survey ABRES-A Complex at Vandenberg Air Force Base, California	Advanced Sciences, Inc.	1 Nov. 1991	Archeological survey and architectural evaluation of the 110-acre ABRES-A complex. The ABRES-A Complex was recommended not eligible for listing in the NRHP.	31 Dec. 2030	Historic Buildings-Structures/Inventory & Evaluation	DoD	Reports	30th Space Wing, Civil Engineering Squadron, Environmental Flight, Conservation Pillar, Cultural Resources Section, Vandenberg Air Force Base, California	
VAFB_Anderson_Peak_Optics_Site_Historic_Eligibility_Evaluation_1995.pdf	Historical Eligibility Evaluation of Anderson Peak Optics Site	Cole and Cagle	1 May 1995	Anderson Peak Optics site was recommended eligible for listing in the NRHP, under criteria a and d.	31 Dec. 2030	Historic Buildings-Structures/Inventory & Evaluation	DoD	Reports	30th Space Wing, Civil Engineering Squadron, Environmental Flight, Conservation Pillar, Cultural Resources Section, Vandenberg Air Force Base, California	
VAFB_AN-TPQ-18_Radar_Facility_Historic_Eligibility_and_Effects_Evaluation_1994.pdf	Historic Eligibility and Effects Evaluation AN/TPQ-18 Radar Facility Vandenberg Air Force Base, California	Cole	1 Apr. 1994	The AN/TPQ-18 Radar Facility was recommended eligible for listing in the NRHP, as part of a district, for its association with Strategic Air Command strategy of deterrence.	31 Dec. 2030	Archaeological Resources/Inventory & Evaluation	DoD	Reports	30th Space Wing, Civil Engineering Squadron, Environmental Flight, Conservation Pillar, Cultural Resources Section, Vandenberg Air Force Base, California	
VAFB_Atlas_576_G_Determination_of_Eligibility_1993.pdf	Request for Determination of Eligibility Atlas 576 G Vandenberg Air Force Base, California	Weitze	20 Sept. 1993	Architectural and engineering evaluation of Atlas 576-G launch complex recommended that 31 of the site's 32 site components are eligible for listing in the NRHP.	31 Dec. 2030	Historic Buildings-Structures/Inventory & Evaluation	DoD	Reports	30th Space Wing, Civil Engineering Squadron, Environmental Flight, Conservation Pillar, Cultural Resources Section, Vandenberg Air Force Base, California	
VAFB_ATLAS_ABRES-A_Architectural_and_Engineering_Survey_Report_1993.pdf	Historic Architectural and Engineering Survey Report ATLAS ABRES-A Vandenberg Air Force Base, California	Dames and Moore	26 Mar. 1993	Architectural and engineering evaluation of the ATLAS ABRES-A Launch Site recommended that the launch site and the MOD-1 guidance site were not eligible for listing in the NRHP but were of national historic significance and deserving of honorary recognition and continued study.	31 Dec. 2030	Historic Buildings-Structures/Inventory & Evaluation	DoD	Reports	30th Space Wing, Civil Engineering Squadron, Environmental Flight, Conservation Pillar, Cultural Resources Section, Vandenberg Air Force Base, California	
VAFB_Bldg_16_Historic_Resource_Evaluation_1993.pdf	Historic Resource Evaluation Building 1610 Vandenberg Air Force Base, California	PHR Environmental Consultants Inc.	25 May 1993	Facility 1610 was recommended not eligible for listing in the NRHP.	31 Dec. 2030	Historic Buildings-Structures/Inventory & Evaluation	DoD	Reports	30th Space Wing, Civil Engineering Squadron, Environmental Flight, Conservation Pillar, Cultural Resources Section, Vandenberg Air Force Base, California	
VAFB_Building_8310_Evaluation_and_Eligibility_Determination_1995.pdf	Historical Evaluation and Eligibility Determination for Building 8310	Sullivan Partnership Inc. and Miralles Associates Inc.	14 Aug. 1995	Facility 8310 at the Repair Missile Research Engineering Facility, previously known as the Missile Assembly Building (MAB III), was recommended not eligible for listing in the NRHP, under criterion consideration g, for exceptional significance.	31 Dec. 2030	Historic Buildings-Structures/Inventory & Evaluation	DoD	Reports	30th Space Wing, Civil Engineering Squadron, Environmental Flight, Conservation Pillar, Cultural Resources Section, Vandenberg Air Force Base, California	

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VAFB_Cold_War_Programmatic_Agreement_2002.pdf	Programmatic Agreement Between Vandenberg Air Force Base, California, and the California State Historic Preservation Officer Regarding the Management of Exceptionally Important Cold War Historic Properties Under the Jurisdiction of Vandenberg Air Force Base, California	Vandenberg Air Force Base	19 July 2002	An agreement between Vandenberg AFB and the California SHPO that defines and stipulates the terms under which undertakings shall be administered to take into account the effects of the undertakings on historic properties and to satisfy Vandenberg AFB's Section 106 responsibilities for these undertakings.	31 Dec. 2030	Policy & Program Management/Agreement Documents Information	DoD	Guidance	30th Space Wing, Civil Engineering Squadron, Environmental Flight, Conservation Pillar, Cultural Resources Section, Vandenberg Air Force Base, California	
VAFB_Cold_War_Properties_Evaluation_and_Inventory_Phase_I_Launch_Complexes_1996.pdf	Cold War Properties Evaluation-Phase I Inventory and Evaluation of Launch Complexes and Related Facilities at Vandenberg Air Force Base, California for the United States Air Force	Nowlan, Ellsworth, McCullough, Metzinger, Gorski, Bonhert	1 Feb. 1996	Evaluation proposes the establishment of a Western Range Landbased Instrumentation Support Systems Historic District (WRLISSHD) with a period of significance from 1958 to 1972. This period encompasses the critical design, development, and testing phases of the Thor, Atlas, Titan, and Minuteman programs. The basic missile-system technology for all U.S. ICBMs was perfected during the operational testing phases of these programs.	31 Dec. 2030	Historic Buildings-Structures/Inventory & Evaluation	DoD	Reports	30th Space Wing, Civil Engineering Squadron, Environmental Flight, Conservation Pillar, Cultural Resources Section, Vandenberg Air Force Base, California	
VAFB_Cold_War_Properties_Evaluation_and_Inventory_Phase_II_Minuteman_MX_Peacekeeper_Space_Tracking_1997.pdf	Cold War Properties Evaluation-Phase II Inventory and Evaluation of Minuteman, MX Peacekeeper and Space Tracking Facilities at Vandenberg Air Force Base, California for the United States Air Force	Nowlan, McCullough	1 June 1997	Properties recommended eligible for listing in the NRHP include seven Minuteman Launch Facilities (LFs), three MX Peacekeeper LFs, six Missile Alert Facilities (MAFs), a research launch-control center, Facilities 8195 and 7304 housing Missile Procedures Trainers (MPTs), two antenna structures at the Vandenberg Tracking Station (VTS), and seven components that make up a Rail Garrison Historic District.	31 Dec. 2030	Historic Buildings-Structures/Inventory & Evaluation	DoD	Reports	30th Space Wing, Civil Engineering Squadron, Environmental Flight, Conservation Pillar, Cultural Resources Section, Vandenberg Air Force Base, California	
VAFB_Cold_War_Properties_Evaluation_and_Inventory_Phase_III_Atlas_Titan_Bomarc_Blue_Scout_Launch_Facilities_1997.pdf	Cold War Properties Evaluation-Phase III Inventory and Evaluation of Atlas, Titan, Bomarc, and Blue Scout Junior Launch Facilities at Vandenberg Air Force Base, California for the United States Air Force	Nowlan, McCullough	1 Oct. 1997	The Titan II Launch Complex 395-C was recommended eligible for listing in the NRHP. Contributing elements of the complex are the Access Portal, the Launch Control Center, the Blast Lock Structure, the Cableway, the Silo, the Oxidizer Hardstand, the Fuel Hardstand, the Cooling Tower Pit, and the Air Intake and Air Exhaust Vents.	31 Dec. 2030	Historic Buildings-Structures/Inventory & Evaluation	DoD	Reports	30th Space Wing, Civil Engineering Squadron, Environmental Flight, Conservation Pillar, Cultural Resources Section, Vandenberg Air Force Base, California	
VAFB_Cultural_Landscape_Inventory_Vandenberg_2005.pdf	Cultural Landscape Inventory and Evaluation, Vandenberg Air Force Base, California	Palmer	1 Jan. 2005	Landscapes were recommended eligible for listing in the NRHP, for state significance, for their association with events and people in California's agricultural history.	31 Dec. 2030	Landscapes/Inventory & Evaluation	DoD	Reports	30th Space Wing, Civil Engineering Squadron, Environmental Flight, Conservation Pillar, Cultural Resources Section, Vandenberg Air Force Base, California	
VAFB_HAER_LF-2_Photos_and_Index_2004.pdf	Photographs and Photo Index, Historic American Engineering Record, Vandenberg Air Force Base, Launch Facility 02, Facility 1971, HAER No. CA-XXX-A	Photographer: Martin Stupich	1 Sept. 2004	Index of photographs supporting Peacekeeper ICBM LF-02 HAER documentation.	31 Dec. 2030	Historic Buildings-Structures/HABS/HAER	DoD	Reports	30th Space Wing, Civil Engineering Squadron, Environmental Flight, Conservation Pillar, Cultural Resources Section, Vandenberg Air Force Base, California	
VAFB_HAER_LF-2_Report_2004.pdf	Historic American Engineering Record: Documentation of Three Peacekeeper Facilities at Vandenberg Air Force Base, CA	Webster, Nowlan, Stupich	1 Sept. 2004	The Peacekeeper ICBM LF was modified from a Minuteman ICBM LF in 1985. LF-02 has directly supported operational missions of the Air Force's exceptionally important Peacekeeper ICBM program. With distinguishing engineering and technological characteristics, the facility depicts the unique cold-launch ejection process of the weapon system that represented the zenith of U.S. ICBM technology during the Cold War.	31 Dec. 2030	Historic Buildings-Structures/HABS/HAER	DoD	Reports	30th Space Wing, Civil Engineering Squadron, Environmental Flight, Conservation Pillar, Cultural Resources Section, Vandenberg Air Force Base, California	

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VAFB_Historic_Overview_for_Inventory_and_Evaluation_Sites_Bldgs_Structures_1999.pdf	Central Coast Continuum-from Ranchos to Rockets: A Historic Overview for an Inventory and Evaluation of Historic Sites, Buildings, and Structures, Vandenberg Air Force Base, California	Palmer	1 Jan. 1999	Comprehensive historic overview of Vandenberg Air Force Base, covering its history from the time of the Spanish missions to the suburban period of the mid-1960s.	31 Dec. 2030	Historic Buildings-Structures/Contexts	DoD	Reports	30th Space Wing, Civil Engineering Squadron, Environmental Flight, Conservation Pillar, Cultural Resources Section, Vandenberg Air Force Base, California	
VAFB_Historic_Sites_Bldgs_Structures_Inventory_and_Evaluation_2000.pdf	Results of an Inventory and Evaluation of Historic Sites, Buildings, and Structures, Vandenberg Air Force Base, California	Palmer	1 Jan. 2000	Study recommends a large number of premilitary resources as eligible for listing in the NRHP	31 Dec. 2030	Historic Buildings-Structures/Inventory & Evaluation	DoD	Reports	30th Space Wing, Civil Engineering Squadron, Environmental Flight, Conservation Pillar, Cultural Resources Section, Vandenberg Air Force Base, California	
VAFB_Kaena_Pt_Radar_Eligibility_Evaluation_DRAFT_1995.pdf	Historical Eligibility Evaluation of Kaena Point Radar Station Site (DRAFT)	Cole and Cagle	1 Sept. 1995	Kaena Point Radar Station was recommended eligible for listing in the NRHP, as a contributing resource to a potentially significant communications district, for its role as a missile tracker associated with the Strategic Air Command mission of nuclear deterrence.	31 Dec. 2030	Historic Buildings-Structures/Inventory & Evaluation	DoD	Reports	30th Space Wing, Civil Engineering Squadron, Environmental Flight, Conservation Pillar, Cultural Resources Section, Vandenberg Air Force Base, California	
VAFB_Launch_Complexes_Eligibility_Determination_DRAFT_1995.pdf	Determination of Eligibility of Launch Complexes and Related Facilities for Listing on the National Register of Historic Places at Vandenberg Air Force Base California-Phase I (DRAFT)	McCarthy, Nowlan, Metzinger, McCullough, Gorski	1 May 1995	Facilities with buildings and structures recommended eligible for listing in the NRHP include SLC-2, SLC-3, SLC-4, SLC-5, SLC-10, and Western Test Range Instrumentation. Those areas that did not contain eligible buildings and structures were SLC-6, the Meteorological Facilities, and a large number of miscellaneous buildings and structures.	31 Dec. 2030	Historic Buildings-Structures/Inventory & Evaluation	DoD	Reports	30th Space Wing, Civil Engineering Squadron, Environmental Flight, Conservation Pillar, Cultural Resources Section, Vandenberg Air Force Base, California	
VAFB_Management_of_Cold_War_Resources_Vol8_2005.pdf	Vandenberg Air Force Base Integrated Cultural Resources Management Plan, Volume 8: Management of Cold War Resources	Applied EarthWorks	1 Dec. 2005	Standard operating procedures to assist commanders, planners, project managers, and cultural resource specialists at Vandenberg AFB charged with identifying and evaluating Cold War resources; protecting, preserving, and interpreting their significant qualities; and treating the effects of continuing U.S. Air Force operation, maintenance, and development of these facilities.	31 Dec. 2030	Policy & Program Management/ICRMP/Current	DoD	Guidance	30th Space Wing, Civil Engineering Squadron, Environmental Flight, Conservation Pillar, Cultural Resources Section, Vandenberg Air Force Base, California	
VAFB_Military_Family_Housing_Historical_Overview_and_Eligibility_Determination_1995.pdf	Historical Overview and Determination of Eligibility of the Military Family Housing at Vandenberg Air Force Base, California	Myers	1 Oct. 1995	Vandenberg military family housing was recommended not eligible for listing in the NRHP, under criterion consideration g, for exceptional significance. Study recommends the reevaluation of the buildings once they reach 50 years of age. This report is also contained in its entirety as Appendix A of <i>Cold War Properties Evaluation—Phase I Inventory and Evaluation of Launch Complexes and Related Facilities at Vandenberg Air Force Base, California, for the United States Air Force.</i>	31 Dec. 2030	Historic Buildings-Structures/Inventory & Evaluation	DoD	Reports	30th Space Wing, Civil Engineering Squadron, Environmental Flight, Conservation Pillar, Cultural Resources Section, Vandenberg Air Force Base, California	
VAFB_Missile_Maintenance_Facility_Historic_Eligibility_Determination_1994.pdf	Historic Eligibility and Effects Determination for the Missile Maintenance Facility at Vandenberg Air Force Base, California	Cole	1 Apr. 1994	MMF consisting of Facilities 6601, 6603, 6606, and 6612, was recommended eligible for listing in the NRHP for its association with Strategic Air Command strategy of deterrence.	31 Dec. 2030	Historic Buildings-Structures/Inventory & Evaluation	DoD	Reports	30th Space Wing, Civil Engineering Squadron, Environmental Flight, Conservation Pillar, Cultural Resources Section, Vandenberg Air Force Base, California	
VAFB_Molokai_High_Freq_Site_Evaluation_1995.pdf	Historical Eligibility Evaluation of Molokai High Frequency Site	Cole and Cagle	1 May 1995	An antenna at the Molokai High Frequency Site was recommended eligible for listing in the NRHP, under criterion a, for its Cold War association. The site was otherwise not eligible under criteria b, c, or d.	31 Dec. 2030	Historic Buildings-Structures/Inventory & Evaluation	DoD	Reports	30th Space Wing, Civil Engineering Squadron, Environmental Flight, Conservation Pillar, Cultural Resources Section, Vandenberg Air Force Base, California	

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VAFB_Molokai_Receiver_Station_ICRMP_2005.pdf	Integrated Cultural Resource Management Plan Molokai receiver Station Pala'ai, Moloka'i Island, Maui County, Hawaii	Major	1 Nov. 2005	Standard operating procedure to serve as the planning and guidance document that will assist Vandenberg AFB in complying with federal preservation requirements and U.S. Air Force policy directives. Molokai Receiver Station was recommended not eligible for listing in the NRHP. Archeological sites within the area were recommended eligible for listing in the NRHP	31 Dec. 2030	Policy & Program Management/ICRMP/Current	DoD	Guidance	30th Space Wing, Civil Engineering Squadron, Environmental Flight, Conservation Pillar, Cultural Resources Section, Vandenberg Air Force Base, California	
VAFB_National_Historic_Landmark_Nomination_SLC-10_2002.pdf	National Historic Landmark Nomination, Space Launch Complex 10, Vandenberg Air Force Base, California	McCullough	18 Mar. 2002	SLC-10 was constructed to support the launching of Thor IRBMs and space-launch vehicles using Thor boosters. The LF is composed of three launch pads (SLC-10 East, SLC-10 West, and, to the north, LE-8), with a centrally located blockhouse, technical-support buildings, and other shared facilities. The entire complex encompasses 138 acres. Seven resources contribute: Facilities 1654, 1658, 1651, 1659, 1657, 1663, and 1664 and an assortment of ground equipment.	31 Dec. 2030	NRHP-NHL\Nominations	DoD	Reports	30th Space Wing, Civil Engineering Squadron, Environmental Flight, Conservation Pillar, Cultural Resources Section, Vandenberg Air Force Base, California	
VAFB_Peacekeeper_Rail_Garrison_NRHP_Evaluation_1994.pdf	National Register of Historic Places Evaluation Peacekeeper Rail Garrison	Weitze	1 Apr. 1994	Rail Garrison Complex on the San Antonio Terrace was recommended eligible for listing in the NRHP, under criterion a, for association with the Cold War, and under criterion c, for its design and technological innovation.	31 Dec. 2030	Historic Buildings-Structures/Inventory & Evaluation	DoD	Reports	30th Space Wing, Civil Engineering Squadron, Environmental Flight, Conservation Pillar, Cultural Resources Section, Vandenberg Air Force Base, California	
VAFB_Peacekeeper_Rail_Garrison_Test_Igloo_and_Launch_Site_1994.pdf	Historic Evaluation of the Peacekeeper Rail Garrison Test Igloo and Rail Garrison Launch Site	Earth Tech and Dames and Moore, Inc.	1 Nov. 1994	Test Igloo and Launch site at the Peacekeeper Rail Garrison were recommended eligible for listing in the NRHP.	31 Dec. 2030	Historic Buildings-Structures/Inventory & Evaluation	DoD	Reports	30th Space Wing, Civil Engineering Squadron, Environmental Flight, Conservation Pillar, Cultural Resources Section, Vandenberg Air Force Base, California	
VAFB_Pillar_Point_AF_Station_Historical_Eligibility_Evaluation_1995.pdf	Historical Eligibility Evaluation of Pillar Point Air Force Station	Cole and Cagle	1 May 1995	Pillar Point Air Force Station was recommended eligible for listing in the NRHP, under criterion a but not under criteria b, c, or d.	31 Dec. 2030	Historic Buildings-Structures/Inventory & Evaluation	DoD	Reports	30th Space Wing, Civil Engineering Squadron, Environmental Flight, Conservation Pillar, Cultural Resources Section, Vandenberg Air Force Base, California	
VAFB_Pillar_Point_CRMP_2009.pdf	Cultural Resources Management Plan for Pillar Point Air Force Station San Mateo County, California	Gerber, Price, Lebow, Baloian	1 Apr. 2009	Provides guidance for the consideration and protection of cultural resources on the station. It is intended for use in conjunction with the ICRMP for Vandenberg AFB.	1-Jan-2031	Policy & Program Management/ICRMP/Current	DoD	Guidance	30th Space Wing, Civil Engineering Squadron, Environmental Flight, Conservation Pillar, Cultural Resources Section, Vandenberg Air Force Base, California	
VAFB_Santas_Ynez_Peak_Optical_Site_Historical_Eligibility_1994.pdf	Historical Eligibility and Effects Evaluation of Santa Ynez Peak Optical Site	Science Applications International Corporation	1 Mar. 1994	Santa Ynez Peak Optical Site (SYPOS) was recommended potentially eligible for listing in the NRHP, under criterion a but not under criteria b, c, or d.	31 Dec. 2030	Historic Buildings-Structures/Inventory & Evaluation	DoD	Reports	30th Space Wing, Civil Engineering Squadron, Environmental Flight, Conservation Pillar, Cultural Resources Section, Vandenberg Air Force Base, California	
VAFB_SCL-10_HAER_Photo_Index_2001.pdf	Historic American Engineering Record, Index to Photographs, Vandenberg Air Force Base, HAER No. CA-296-A, Space Launch Complex 10, Blockhouse (Facility 1654), North end of Aero Road, Lompoc, Santa Barbara County, California	Photographer: Martin Stupich	1 Jan. 2001	Index of photographs supporting HAER documentation on SLC-10.	31 Dec. 2030	Historic Buildings-Structures/HABS/HAER	DoD	Reports	30th Space Wing, Civil Engineering Squadron, Environmental Flight, Conservation Pillar, Cultural Resources Section, Vandenberg Air Force Base, California	
VAFB_SLC_3EAST_Assessment_of_Historic_Significance_1991.pdf	Assessment of the Historic Significance of Space Launch Complex 3-East Vandenberg Air Force Base California According to 36 CFR 60.4 Criteria	Alford, DiBella	18 Nov. 1991	SLC-3 East recommended not eligible for listing in the NRHP. Recommends that study be carried out on SLC-3 West and ABRES-A to determine eligibility.	31 Dec. 2030	Archaeological Resources/Inventory & Evaluation	DoD	Reports	30th Space Wing, Civil Engineering Squadron, Environmental Flight, Conservation Pillar, Cultural Resources Section, Vandenberg Air Force Base, California	

File Name	Display Name	Author	Publish Date	Description	Expiration Date	Destination Menu-Primary Home	Security Level	Category	Document Location	Comments
VAFB_SLC-10_HAER_Report_2002.pdf	Historic American Engineering Record of Space launch Complex 10, Vandenberg Air Force Base, California	McCullough, Nowlan, McCarthy	1 Jan. 2002	SLC-10 was nominated as an NHL in 1986 as the "best surviving example of a launch complex built in the 1950s at the beginning of the American effort to explore space." SLC-10 is significant because of its direct contributions during the Cold War period to the Thor IRBM antisatellite testing and training activities under Program 437 and the Defense Meteorological Satellite Program.	31 Dec. 2030	Historic Buildings-Structures/HABS/HAER	DoD	Reports	30th Space Wing, Civil Engineering Squadron, Environmental Flight, Conservation Pillar, Cultural Resources Section, Vandenberg Air Force Base, California	
VAFB_SLC2W_and_SLC-2_Determination_of_Eligibility_1991.pdf	Request for Determination of Eligibility SLC-2W and SLC-2 Blockhouse Structures Vandenberg Air Force Base, California	Weitze	2 Oct. 1991	SLC-2 West and SLC-2 Blockhouse Structures were recommended eligible for listing in the NRHP, under criteria a and c.	31 Dec. 2030	Historic Buildings-Structures/Inventory & Evaluation	DoD	Reports	30th Space Wing, Civil Engineering Squadron, Environmental Flight, Conservation Pillar, Cultural Resources Section, Vandenberg Air Force Base, California	
VAFB_SLC-3_Assessment_of_Eligibility_1992.pdf	A Historical Significance Assessment and Effects Determination of Space Launch Complex 3 Vandenberg Air Force Base, California	Alford, DiBella, von Szilassy	18 Aug. 1992	SLC-3 and its major elements (SLC-3, SLC-3W, the Launch Operations Building [Facility 763], and the Complex Infrastructure Buildings [Facilities 754, 756, 759, 761, 762/762A, and 766]) were recommended eligible for listing in the NRHP.	31 Dec. 2030	Historic Buildings-Structures/Inventory & Evaluation	DoD	Reports	30th Space Wing, Civil Engineering Squadron, Environmental Flight, Conservation Pillar, Cultural Resources Section, Vandenberg Air Force Base, California	
VAFB_SLC-3_overall_HAER_Photos_1993.pdf	HAER Report, Space Launch Complex 3, Photographs SLC-3, HAER No. CA-133-1	Szilassy, DeLisle, Smidt	1 Mar. 1993	Photographs accompanying SLC-3 HAER documentation. SLC-3 consists of two launch pads: SLC-3 East and SLC-3 West. They are equipped with the only retractable umbilical masts at any U.S. SLC.	31 Dec. 2030	Historic Buildings-Structures/HABS/HAER	DoD	Reports	30th Space Wing, Civil Engineering Squadron, Environmental Flight, Conservation Pillar, Cultural Resources Section, Vandenberg Air Force Base, California	
VAFB_SLC-3_Written_and_Historical_Data_Report_1993.pdf	HAER Report, Space Launch Complex 3, Written Historical and Descriptive Data, HAER No. CA-133-1	Szilassy, DeLisle, Smidt	1 Mar. 1993	HAER of SLC-3. SLC-3 consists of two launch pads: SLC-3 East and SLC-3 West. They are equipped with the only retractable umbilical masts at any U.S. SLC.	31 Dec. 2030	Historic Buildings-Structures/HABS/HAER	Dodd	Reports	30th Space Wing, Civil Engineering Squadron, Environmental Flight, Conservation Pillar, Cultural Resources Section, Vandenberg Air Force Base, California	
VAFB_SLC-3East_HAER_Photos_1993.pdf	HAER Report, Space Launch Complex 3 East, Photographs SLC-3E, HAER No. CA-133-1	Szilassy, DeLisle, Smidt	1 Mar. 1993	Photographs accompanying SLC-3E HAER documentation.	31 Dec. 2030	Historic Buildings-Structures/HABS/HAER	DoD	Reports	30th Space Wing, Civil Engineering Squadron, Environmental Flight, Conservation Pillar, Cultural Resources Section, Vandenberg Air Force Base, California	
VAFB_SLC-3West_HAER_Photos_1993.pdf	HAER Report, Space Launch Complex 3 West, Photographs SLC-3, HAER No. CA-133-1	Szilassy, DeLisle, Smidt	1 Mar. 1993	Photographs accompanying SLC-3W HAER documentation.	31 Dec. 2030	Historic Buildings-Structures/HABS/HAER	DoD	Reports	30th Space Wing, Civil Engineering Squadron, Environmental Flight, Conservation Pillar, Cultural Resources Section, Vandenberg Air Force Base, California	
VAFB_SLC6_Eligibility_and_Effect_1994.pdf	Evaluation of Eligibility and Effect Space Launch Complex 6 Vandenberg Air Force Base, California	Dames and Moore	24 Aug. 1994	SLC-6 was recommended eligible for listing in the NRHP, under criterion c.	31 Dec. 2030	Historic Buildings-Structures/Inventory & Evaluation	DoD	Reports	30th Space Wing, Civil Engineering Squadron, Environmental Flight, Conservation Pillar, Cultural Resources Section, Vandenberg Air Force Base, California	
VAFB_Vandenberg_Tracking_Station_Eligibility_Evaluation_DRAFT_1995.pdf	Historical Eligibility Evaluation of the Vandenberg Tracking Station Vandenberg Air Force Base (DRAFT)	Cole	1 Apr. 1995	Vandenberg Tracking Station (VTS) was recommended eligible for listing in the NRHP for its relationship to the Cold War and its association with the development of reconnaissance satellites as part of the U.S. policy of deterrence and rapid response to Soviet missile attack.	31 Dec. 2030	Historic Buildings-Structures/Inventory & Evaluation	DoD	Reports	30th Space Wing, Civil Engineering Squadron, Environmental Flight, Conservation Pillar, Cultural Resources Section, Vandenberg Air Force Base, California	

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VAFB_Western_Range_Instrument_Cultural_Resources_Inventory_2008.pdf	Cultural Resources Inventory in Support of Upgrades at Three Locations, for the Western Range Instrumentation, Modernization Project, Vandenberg Air Force Base, Santa Barbara County, Pillar Point Air Force Station, San Mateo County	Peterson, Price, Lebow	1 Mar. 2008	Main Base facilities were recommended not eligible for listing in the NRHP. Three facilities (Facility 75 [VTRS Control Center], Facility 81 [35-foot ATTAS antenna], and Facility 86 [GKR-7 Autotrack Telemetry Antenna]) at Oak Mountain (also known as VTRS) were recommended eligible for listing in the NRHP. Three facilities (Facility 18 [AN/FPQ-6 Radar] and Facilities 22 and 40 [telemetry antennas]) at Pillar Point Air Force Station were recommended eligible for listing in the NRHP, as contributing elements of the Western Range Landbased Instrumentation Support Systems Historic District.	31 Dec. 2030	Historic Buildings-Structures/Inventory & Evaluation	DoD	Reports	30th Space Wing, Civil Engineering Squadron, Environmental Flight, Conservation Pillar, Cultural Resources Section, Vandenberg Air Force Base, California	
VAFB_Wheeler_Network_Control_Eligibility_Evaluation_DRAFT_1995.pdf	Historical Eligibility Evaluation Wheeler Network Control Center (DRAFT)	Cole, Cagle	1 Sept. 1995	Wheeler Network Control Center was recommended not eligible for listing in the NRHP. The site is associated with Cold War history via the station's role as a part of the Strategic Air Command's network of radar, optical, telemetry, and radio sites.	31 Dec. 2030	Historic Buildings-Structures/Inventory & Evaluation	DoD	Reports	30th Space Wing, Civil Engineering Squadron, Environmental Flight, Conservation Pillar, Cultural Resources Section, Vandenberg Air Force Base, California	

Key: AFB = Air Force Base; DoD = Department of Defense; GPR = ground-penetrating radar; HABS = Historic American Buildings Survey; HAER = Historic American Engineering Record; IAL = International Archaeological Lifts; ICBM = intercontinental ballistic missile; ICRMP = Integrated Cultural Resource Management Plan; IRBM = intermediate-range ballistic missile; LF = Launch Facility; MMF = Missile Maintenance Facility; NHL = National Historic Landmark; NHPA = National Historic Preservation Act; NRHP = National Register of Historic Places; SHPO = State Historic Preservation Officer; SLC = Space Launch Complex.

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