



US Army Corps  
of Engineers  
Rock Island District



Defense Environmental Restoration Program  
for  
Formerly Used Defense Sites  
Ordnance and Explosives

# Archives Search Report

## FINDINGS

for  
the former

# Victorville Precision Bombing Range #16

San Bernardino County, California  
Project Number J09CA068201

July 1998



DEFENSE ENVIRONMENTAL RESTORATION PROGRAM  
for  
FORMERLY USED DEFENSE SITES

**FINDINGS**

ORDNANCE AND EXPLOSIVES  
ARCHIVES SEARCH REPORT  
FOR  
VICTORVILLE  
PRECISION BOMBING RANGE #16  
SAN BERNARDINO COUNTY, CALIFORNIA  
PROJECT NUMBER J09CA068201

July 1998

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**ORDNANCE AND EXPLOSIVES  
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1. INTRODUCTION

a. **Subject and Purpose**

(1) This report presents the findings of an historical records search and on-site inspection for ordnance and explosives (OE) at the former Victorville Precision Bombing Range (PBR) #16, located in San Bernardino County, California (see plate 1 for a location map of subject site). This investigation was performed under the authority of the Defense Environmental Restoration Program for Formerly Used Defense Sites (DERP-FUDS).

(2) The investigation focused on an approximate 640 acres of land which were utilized as a precision bombing range during the World War II era. The land for this range was acquired in 1943 and remained in the custody of the Department of Defense (DOD) until relinquishment to the Department of the Interior (DOI) in 1948.

(3) The purpose of this investigation was to characterize the site for potential OE presence, to include both conventional munitions and chemical warfare material (CWM). The investigation was conducted by experienced ordnance experts through a thorough evaluation of historical records, interviews, and on-site visual inspection results.

b. **Scope**

(1) This report presents the site history, site description, real estate ownership information, and confirmed ordnance presence (both prior to and after site closure), based on available records, interviews, site inspections and analyses. The analyses provide an evaluation of all information needed to assess current day potential ordnance presence, where actual ordnance presence has not been confirmed.

(2) For the purpose of this report, OE presence consists of live ammunition, ammunition components, CWM, or explosives which may have been lost, abandoned, discarded, buried, fired, or thrown from demolition pits or burning pads. These items were either manufactured, purchased, stored, used, and/or disposed of by the War Department, or later the Department of Defense. Such ammunition/components are no longer under accountable record control of any DOD organization or activity.

(3) **Expended** small arms ammunition (.50 caliber or smaller), is **not** considered as OE presence. OE further includes "explosive soil" which refers to any mixture in soil, sands, clays, etc., such that the mixture itself is explosive. Generally, 10 percent or more by weight of secondary explosives in a soil mixture is considered to be explosive soil.

## 2. PREVIOUS INVESTIGATIONS

### a. **Preliminary Assessment**

(1) A Preliminary Assessment of this former Victorville Precision Bombing Range #16 was previously defined under DERP-FUDS by the U.S. Army Corps of Engineers, Los Angeles District, site number J09CA068200. At this time, the Findings and Determination of Eligibility (FDE) concluded that subject site was found to have been formerly used by the Department of Defense (DOD), and was therefore eligible for the DERP-FUDS established under 10 USC 2701, et seq (see document E-1).

(2) The Inventory Project Report (INPR) concluded that this acreage was in fact used by the U.S. Army Air Corps as a practice bombing target for aircraft located at the nearby Victorville Army Air Field. Recommendation was made that further action or investigation be performed by the Huntsville Engineering and Support Center, on the acreage which comprised this former Victorville PBR #16.

(3) Table 2-1, found on the following page, is included to show the current status of any DERP-FUDS preliminary assessment projects concerning the subject site.

TABLE 2-1 DERP-FUDS PRELIMINARY ASSESSMENT PROJECTS				
Project Number	DERP Category	Present Phase	Comments	Location
J09CA068201	OE	SI	Ordnance and Explosive Presence	Entire Site See plates 2, 3 and 4
	HTRW	-	No Projects Recommended	
	BD/DR	-	No Projects Recommended	

**b. Additional Investigations**

There were no additional investigations discovered during research of this project which could lend any further information pertinent to the investigation of the former Victorville PBR #16.

**3. SITE DESCRIPTION**

**a. Existing Land Usage**

(1) What remains of the former Victorville PBR #16 is located in an easterly direction from the city of Victorville, in San Bernardino County, California. The area consists of an approximate 640 acres of land and is located in T4N R5E Sec 6 and T5N R5E Sec 31. The site is not easily accessible from major roadways.

(2) The former site is comprised of undeveloped desert terrain with scattered vegetation and brush cover nestled within several mountain ranges. The site remains vacant of any structures or inhabitants, with no foreseen development for residential or commercial use.

(3) Subject acreage remains government owned and maintained by the Department of the Interior, Bureau of Land Management.

(4) Table 3-1, found on the following page, is included to represent the current land usage and ownership of this former Victorville PBR #16.

**TABLE 3-1  
CURRENT LAND USAGE**

Area	Former Usage	Present Owner	Current Usage	Size Acres	Comments
A	Precision Bombing Range Target	Department of the Interior	Undeveloped Desert/Recreational	132.23	See plates 3 and 4
B	Buffer Area/Safety Zone	Department of the Interior	Undeveloped Desert/Recreational	165.29	See plates 3 and 4
C	Remaining Land	Department of the Interior	Undeveloped Desert/Recreational	342.48	See plates 3 and 4
Total Acreage				640	

**b. Climatic Data**

(1) The climate of this area follows a characteristic desert pattern. Hot, dry summers and moderate to cool winters with limited precipitation are the rule. An average of over four thousand hours of sunshine occurs each year, which amounts to more than 90 percent of the possible hours of sunshine for the year.

(2) In the summer months, the sun shines on the valley about 95 percent of the possible hours of daylight. The low latitude, clear skies, and relatively dry air result in wide temperature ranges, both from day to night as well as from summer to winter. The daily range averages from 30 to 35 degrees Fahrenheit, with the difference between summer to winter around 40 degrees Fahrenheit. Although the average maximum in July is 108 degrees, the average minimum in January is 37 degrees. There are 185 days per year with maximum readings of 90 degrees Fahrenheit or higher with only 12 days per year with minimums of 32 degrees or colder.

(3) Annual precipitation is generally light. The average annual precipitation of less than 4 inches falls in only a few showers during the year. Heavy showers may occur at any time throughout the year, although the typical pattern is one of extended periods without precipitation.

(4) Relative humidity is moderate to low throughout the year. Readings around 45 percent are characteristic of the early morning hours in all seasons and afternoon readings range around the 20 percent level (reference B-34 and B-35).

(5) Wind is moderate over the flat reaches of the desert. Almost half of the observations reported show wind from either the south or west, while about 25 percent of winds are reported as coming from the north or northwest. It has been estimated that an average exposure in the southern California area experiences 75 mph winds only about one time within a fifty year period.

**c. Topography**

The eastern area of San Bernardino County is located within the Great Basin with various mountain ranges which are separated by valleys. Between the mountain ranges are large alluvial plains with both east and west areas which gradually slope up to these respective mountain ranges. Within these large alluvial plains are various washes. Due to these washes, many rolling hills have been formed and are located throughout this area.

**d. Geology and Soils**

(1) According to information obtained from the General Soils Report of the Southwestern Desert Area of San Bernardino County, the predominant type of soil found within the surrounding area of the project site are the Mohave-Adelanto variants association.

(2) The association consists of well drained, moderately slow permeable, sandy loams, moderately deep to deep caliche, developed in stratified clay loam alluvium. The soils are on nearly level to strongly sloping terraces on slopes of 0-15 percent. This association comprises about 16 percent of the Desert Area (see document F-3).

(3) Mohave variant soils make up about 45 percent and Adelanto variant soils about 35 percent of the association. Sunrise and Cajon/Arizo comprise the remaining 20 percent of soil types.

(4) Mohave variant soils have brown, platy, soft, mildly alkaline, sandy loam surface soils and reddish brown, prismatic, very hard, slightly acidic, sandy clay loam subsoils. Adelanto variant soils have brown, granular, soft, moderately alkaline, sandy loam surface soils and reddish brown, blocky, slightly hard, moderately alkaline, sandy loam subsoils. These soils overlie grayish brown, massive, very hard, and extremely hard, moderately alkaline, calcareous, clay loam (caliche) substrata. These soils are used mainly for recreation, urban, and wildlife. Limited grazing in some areas is possible when there is sufficient rainfall to produce forage.

#### e. Hydrology

(1) Due to the desert climate and rapid permeability of the soil, there are no streams on the site. No dry streams, gullies, or rills were noted during the site inspection. The Mojave River is the only watershed in the area. Due to the remoteness of the former site there are no reports indicating the depth of groundwater in the immediate area of PBR #16. However, other former Victorville PBR sites in the vicinity have reported groundwater depths of approximately 250 feet.

(2) The area in which the former range was located is in the groundwater flow systems of the Basin and Range area. The Basin and Range area is in individual basins or in two or more hydraulically connected basins through which ground water flows to a terminal discharge point or sink.

(3) These sinks have essentially the same characteristics. The impermeable rocks of the mountain ranges serve as boundaries to the flow system, and the majority of the groundwater flows through the basin-fill deposits.

(4) In the areas where carbonated rocks underlie the basins, substantial quantities of water can flow between the basins through the carbonated rocks and into the basin-fill deposits. This water also is ultimately discharged by evapotranspiration.

(5) Where possible, recharge to the basin-fill deposits originates in the mountain as snow melt, and where the streams emerge from the bedrock channels, the water infiltrates into the alluvial fans and replenishes the basin-fill aquifer. Intense rains may provide some direct recharge to the basin-fill deposit, but in most cases, any rainfall that infiltrates the soil is immediately evaporated or taken up as soil moisture (reference B-42).

#### f. Natural Resources

(1) Personnel from the Department of the Interior, U.S. Fish and Wildlife Service, provided a listing of threatened and endangered species which may be found in the surrounding areas of the former Victorville PBR #16 (see document F-1).

(2) The threatened desert tortoise (*Gopherus agassizii*) may be present in the vicinity of the Victorville ranges. Critical habitat for the desert tortoise has been

designated and portions of the bombing range occur within the Ord-Rodman critical habitat unit.

(3) For information concerning any additional species within the state of California which may be listed after publication of this report, please contact the California Fish and Wildlife Service, Ventura Field Office, Ventura, California.

**g. Historical/Cultural Resources**

(1) Records indicate that a cultural resources survey has been conducted on only a very small portion of the project area. It appears that an archaeological site or historic feature may potentially be located within subject project boundaries (see document F-2).

(2) Should a project be developed for subject site, and intrusive digging were to occur at some later date, close coordination with the SHPO should be maintained prior to making a determination to dig in this area.

(3) Table 3-2 is included to show natural, historical and cultural resources which may be located on the acreage addressed in this report.

TABLE 3-2 NATURAL, HISTORICAL & CULTURAL RESOURCES			
Resource Classification	Type	Comments	
Wildlife	Desert Tortoise	Threatened (Federal and State)	
Vegetation		None Identified	
Historical/ Cultural	Prehistoric/ Historic/ Archaeological	One Report (1060956)	Contact California Archaeological Information Center

**4. HISTORICAL ORDNANCE PRESENCE**

**a. Chronological Site Summary**

(1) Action to set aside the land which was to comprise the former Victorville Bombing Ranges appears to have been put in motion with a memorandum dated 3 February 1942. In this memo, the Colonel, Corps of Engineers, District Engineer, requested that immediate action be taken to have this public domain land set aside as a military

reservation, to be used in support of the Air Corps Advanced Flying School No.4, Victorville, California. Included along with this memo were the land descriptions of the designated properties (see document G-1).

(2) A memorandum, dated 27 April 1942, confirms the land to be used as the Victorville PBRs. Since the DOD failed to obtain formal permission from the DOI for use of this particular site, the acquisition was described as an "implied transfer". The land was located entirely within public domain lands and located in T4N R5E Sec 6 and T5N R5E Sec31 (see document G-2).

(3) A Military Acquisition Project Report dated 14 November 1947, with a directive date of 2 September 1942, confirms that 640 acres of Public Domain land was transferred from the Department of the Interior by implied transfer, with no formal permission obtained for use (see document G-3).

(4) A memorandum, dated 4 September 1942, states that there was indeed a military necessity for the acquisition of this land and that the sites had been cleared by the Interdepartmental Air Traffic Control Board (see document G-4).

(5) Public Land Order #125, dated 20 May 1943, was directed as a result of Executive Order No. 9337, dated 24 April 1943. This document withdrew public lands for use by the War Department for the purpose of establishing bomb target sites in the Victorville area. At this time, it was noted that this withdrawal was established with the intention of returning subject lands to the Department of the Interior, as the lands became no longer required for the purpose for which they were reserved (see document G-5).

(6) A letter, dated 24 January 1946, addresses the determination that the Victorville bombing targets be declared as excess. This letter reiterates the location of PBR #16, the fact that it was public domain, and that Government owned facilities located there consisted only of field mix surfacing, portable power shed, target frames, and 1 mile of 2-strand barbed wire fencing (see document G-6).

(7) A Warning Notice, dated 6 February 1946, again states that the War Department has placed subject bombing targets in the category of surplus, with an effective date of 13 January 1946. It therefore recommended that actions be initiated to dispose of the premises which comprised these former bombing targets (see document G-7).

(8) Document G-8 consists of several memorandums, dated August 1947, discussing the transfer of surplus facilities determined to be no longer needed for government military use. Once again it is stated that subject lands be disposed of in accordance with all applicable laws, directives, and regulations of the day.

(9) A Warning Notice, dated 19 August 1947, again states that the War Department had placed subject bombing targets in the category of surplus, with an effective date of 13 August 1947. Recommended actions were to be initiated to dispose of the premises which comprised these former bombing targets. Victorville PBR #16, California, was assigned Audited Installation No. 2246 (see document G-9).

(10) A memorandum, dated 1 November 1948, again refers to Public Land Order #125, dated 27 May 1943, which authorized the use of certain public lands in the State of California as bombing targets, for use in connection with Victorville Airfield, California. This memorandum states that subject lands are deemed no longer required by the War Department and therefore recommends that action be taken to cancel PLO #125, insofar as is applicable to these bombing targets (see document G-10).

(11) A copy of Audited Installation Report #2246 refers to the property history of this Victorville PBR #16, California. The 640 acres were acquired from the Department of the Interior through implied transfer. The War Department relinquished these areas back to the Department of the Interior on 1 November 1948 (see document G-11).

(12) The Real Property and Disposal Report, dated 1 September 1954, again confirms that subject property was declared surplus to the needs of the War Department and thus retransferred to the Department of the Interior (see document G-12).

(13) The information included in this report as document G-13 is current day information regarding the acreage which comprised the former Victorville Precision Bombing Range #16. The land today remains much as it has for the past fifty years. Subject land remains government owned and controlled, by the Department of the Interior, with no improvements ever having been made after its brief history of war time use. The site has returned to being part of a vast, undeveloped desert region.

**b. Ordnance Related Records Review**

(1) Research efforts began with a review of all reports, articles, historical documents, and reference materials gathered during the archival records search. During subject review, an effort was made to focus on areas of potential OE presence as described in the OE project summary sheet, as well as any additional areas which may have been identified during research concerning this former facility (see document E-1).

(2) A large collection of documents including drawings, maps, technical ordnance data, real estate documentation, correspondence, and many other references to the former Victorville PBRs were located.

(3) Sources checked included both national and regional archives; state, county, and local libraries; historical centers and societies; local and historical newspapers; state, county, and local law enforcement agencies; EOD units responsible for the area, personal interviews, etc. For a complete listing of contacts, see Appendix A and Appendix B, Sections II and III.

(4) Evidence was found confirming that the ammunition utilized on this remote desert training area was limited to practice bombs. These bombs were either sand filled (M38A2) or of the concrete variety (M85), completely inert but for the black powder spotting charge used for detecting the location of the bomb upon impact with the ground. The M26 flares were used to illuminate the area at night, when electrical lighting was not, as yet, installed.

(5) A memorandum, dated 4 February 1948, Subject: Reports of the Dedudiving of Victorville Bombing Targets, San Bernardino County, California, states that the 9800<sup>th</sup> TSU-CE Detachment #14, Bomb and Shell Disposal Team was assigned the clearing of the Victorville Bombing Targets. The dedudiving of said targets was said to have begun 20 October 1947 and was completed 24 January 1948. Subject memorandum lists the duds found as 2,860 Bombs, Practice, M38-A2 and 32 Bombs, Flare, Aircraft, Parachute, M26. The memorandum was signed by an officer stating that the acreage covered in the report was believed to be free from explosive materials for the purpose of grazing, mining and/or agricultural purposes (see document F-10).

(6) A Certificate of Clearance, dated 22 March 1948, was issued certifying that the area known as Victorville PBR #16 was completely dedudded during the period of 20 October 1947 to 24 January 1948. It was again stated that to the best of their knowledge and belief, the entire area covered by the bombing target was clear of all explosive or dangerous materials and the land was safe for the purpose of grazing, mining, or other agricultural purposes (see document F-11).

(7) A memorandum, dated 1 November 1948, again refers to Public Land Order #125, dated 27 May 1943, which authorized the use of certain public lands in the State of California for bombing targets for use in connection with Victorville Airfield, California. This memorandum states that subject lands are deemed no longer required by the War Department and therefore recommends that action be taken to cancel PLO #125, insofar as is applicable to these bombing targets.

(8) This memorandum states that all of the afore mentioned bombing targets have been dedudded and have been certified to be free and clear of explosives or explosive objects reasonably possible to detect by visual inspection. Government improvements placed on the property consisted of concentric rings of light oil penetration, frame butts and appurtenances, fences and gates. It states that all removable improvements have been removed and that it is anticipated that the light oil rings will eventually be obliterated by weather action. Therefore, no restoration work was deemed necessary by their Department (see document G-10).

**c. Interviews With Site-Related Personnel**

(1) Personal interviews were conducted with local citizens, Bureau of Land Management personnel, local law enforcement officials and others, to obtain any information deemed pertinent to the on site investigation of this former Victorville PBR #16.

(2) Detectives Myers and Hall were shown a map of the Victorville PBR targets. They had no knowledge of ordnance being discovered on the subject site. They stated that they normally received 200 calls a year on military ordnance because of the large military presence in the area. They said most of the ordnance had been moved numerous times and thus could not say for sure where it came from (see document I-1).

(3) Mr. Bronson, supervisor for the Law Enforcement Rangers of the Bureau of Land Management, commented that when ordnance was found, they notified Ft. Irwin EOD for removal actions. He did not pinpoint any specific areas, with the exception that he thought ordnance items had been found near Target N-3 (see document I-2).

(4) Interviews were conducted with personnel from the 759<sup>th</sup> EOD Team. They stated that they had no recollection or knowledge of any OE being discovered on any of the Victorville PBRs. They referred the team to the EOD unit at Edwards Air Force Base (see document I-3).

(5) Edwards Air Force EOD personnel stated that they had, in the past, responded to OE incidents at George Air Force Base (formerly Victorville AAF), but could not recall any responses to any of the former Victorville PBRs. They stated that the EOD unit at Ft. Irwin would normally respond to any incidents in the area of the former Victorville PBRs (see document I-4).

(6) Documents I-5 and I-6 are conversation records of interviews with former servicemen who had been stationed at the former Victorville facility. These men reported that the only bombs which they had witnessed were sand filled bombs, with a small smoke charge.

(7) The only interviewee found with any present day knowledge of the Victorville sites was Mr. Dick Whitbeck. In 1991, Mr. Whitbeck had written a report of Findings and Determination of Eligibility and Recommendations concerning the Victorville sites. In this report, he stated the fact that he had found evidence of M38A2 sand filled and M85 concrete filled, 100 lb. practice bomb remnants remaining in this area. However, he emphasized that he had found no evidence of either high explosive items, or energetic material, having been found/used in subject area. At this time, he concluded that his recommendation was that of no further action being taken on PBR #16 (see interview I-7).

## 5. SITE ELIGIBILITY

### a. **Confirmed Formerly Used Defense Sites**

(1) Former land usage of Victorville Precision Bombing Range #16 by the Department of Defense has been previously confirmed for this entire site. Historical documentation and personal interviews further served to confirm this fact. This approximate 640 acres of land, addressed in the Findings and Determination of Eligibility (FDE), was utilized as a precision bombing range for troops training at the nearby Victorville Airfield.

(2) All information obtained during the archives search, site visit, and personal interviews has verified that this former Victorville PBR #16 is to be considered a confirmed site under the FUDS program.

**b. Potential Formerly Used Defense Sites**

(1) All acreage pertaining to the actual boundaries of this former Victorville Precision Bombing Range #16 property appears to have been accurately covered in the Findings and Determination of Eligibility document, included in this report as document E-1.

(2) No additional acreage was discovered, either during the site investigation or during the literature search of this former bombing range facility, which could logically be considered as having former ordnance usage.

**6. VISUAL SITE INSPECTION**

**a. General Procedures and Safety**

(1) During the period of 26 through 30 January 1998, members of the Site Inspection (SI) team traveled to the former Victorville PBR #16 area, located in San Bernardino County, California. The primary task of the site inspection team was to assess subject facility for OE presence and potential. The site inspection was limited to non-intrusive methods, i.e., subsurface sampling was neither authorized, nor performed at this location.

(2) Real Estate rights-of-entry were not deemed necessary, as the land in question is public land, owned by the Department of the Interior and under the jurisdiction of the Bureau of Land Management. Representatives of the BLM were briefed on the non-intrusive nature of the inspection and the safety procedures to be followed by the assessment team.

(3) A site safety plan was developed and utilized by the site inspection team to assure safety from injury to all personnel during the site inspection of this facility. A briefing was conducted with all on site individuals prior to the inspection, at which time it was stressed that OE should only be handled by military EOD personnel. During this on-site inspection, the assessment team maintained site safety at all times (reference B-1).

(4) Prior to the site visit, a thorough review of all available reports, historical documents, texts, and technical ordnance reference materials gathered during the historical records search portion of the ASR was made to ensure awareness of potential ordnance types and hazards which may be encountered by the team.

**b. Area A: Precision Bombing Range Target**

(1) The weathered remains of what once was the bomb target bulls eye is still recognizable after nearly fifty years. The outlines of the target appear near the center of subject site. The oiled rings appear as three concentric circles, each approximately 200 feet out from the previous circle. Remnants of practice bombs were found in this immediate area (see plate 4).

(2) Remnants of the M38A2 sand filled practice bombs were found, however, most of the practice bomb remnants located on this site appear to be that of the M85 series concrete filled practice variety. Research found that technical manuals do not adequately describe the construction of this model. The bomb body is made of concrete with suspension lugs embedded directly into the bomb body. A steel fin assembly, which appears to be similar to that of the M38 bomb fin assembly, was assembled to the rear of the body. The M1A1 spotting charge fit within this assembly (see Appendix D, photos J-8 and J-9).

**c. Area B: Buffer Area/Safety Zone**

(1) Area B of this report consists of acreage which surrounded the entire bomb target area. This area acted as a buffer or safety zone for dropped bombs which may either have fallen short, or overshot the intended target (see plate 4).

(2) No ordnance, nor remnants of such, was visually witnessed by the assessment team during inspection of this property. No craters or other unusual features were noted in this area.

**d. Area C: Remaining Land**

(1) Area C consists of all other acreage included in the FDE and not addressed previously in this report. This area basically surrounds the others. Area C remains today much as it did fifty years ago, as open desert.

(2) Subject acreage remains under jurisdiction of the Department of the Interior, Bureau of Land Management. No remnants of ordnance were visually witnessed, by this assessment team, during present day inspection of property in subject area. The site remains as undeveloped desert with no signs of construction having been performed in the area.

## 7. EVALUATION OF ORDNANCE HAZARDS

### a. **General Procedures**

(1) All lands known to have comprised the former Victorville PBR #16 area were evaluated to determine confirmed, potential, or uncontaminated ordnance presence.

(2) Confirmed ordnance and explosives (OE) presence is based on verifiable historical record evidence or direct witness of OE items (with explosive components and/or inert debris/fragments) since site closure.

(a) Verifiable historical records evidence is based on OE items actually seen on site since site closure and authenticated by historical records (Archive Records, Preliminary Assessment Reports, Site Investigation Reports), local fire departments and law enforcement agencies/bomb squads, military Explosive Ordnance Disposal (EOD) Units, newspaper articles, photographs, or maps.

(b) Direct witness of OE items consists of the site inspection team(s) and other credible witnesses, as determined by the ASR Research Team Leader (landowners, workers on site, soldiers who served there, etc.), verifying that they have witnessed OE presence on the surface or subsurface since site closure.

(3) Potential ordnance and explosives (OE) presence is based on a lack of confirmed OE presence. Potential OE presence may be inferred from records, present day site features, non-verifiable direct witness, or indirect witness. Additional field data is needed to confirm potential OE sites.

(a) Inference from historical records is based on no OE items actually seen on site since site closure and would include documentation (records, aerial photographs, maps) indicating possible OE presence derived from common practice in production, storage, use, or disposal at that time and from records indicating known OE usage.

(b) Inference from present day site features would be the indication of possible OE presence from such obvious features as target circles, depressions, mounds or backstops, OB/OD areas/pits, etc.

(c) Indirect witness would be people who have stated that they have heard of OE presence on-site (hear-say evidence).

(4) Uncontaminated ordnance subsites are based on a lack of confirmed or potential ordnance evidence. Additional field data is not needed to assess uncontaminated ordnance sub-sites.

**b. Area A: Precision Bombing Range Target**

(1) The ordnance remnants found in this area consisted of expended practice bomb parts. There were no complete rounds or energetic materials found during this on site inspection. There have been no reports of any ordnance incidents regarding this remote area. All items found were inert and pose no hazard to the public.

(2) While it is evident that this area did serve as a former practice bombing range target, it is also evident that much of the scrap metal has already been salvaged or cleared from the area.

(3) Based on the above site inspection, the definition of confirmed ordnance presence, and the fact that documentation was found during research of this facility which would suggest the presence of ordnance remnants in this area today, it is concluded that the approximate 132.23 acres addressed in this report as **Area A** should be considered as being **confirmed** in respect to OE presence.

**c. Area B: Buffer Area/Safety Zone**

(1) Although there was no direct witness by this assessment team to verify any ordnance or explosives presence within this site today, Area B could potentially contain the same remnants found in Area A.

(2) The fact that the acreage comprising Area B served as a buffer/safety area for the bombing target bulls eye, would suggest the potential presence of ordnance remaining in this area today. It is therefore concluded that the approximate 165.29 acres addressed in this report as **Area B** could be considered as having the **potential** for OE remnant presence (see plate 4).

d. **Area C: Remaining Land**

This assessment team saw no present day evidence to prove the existence of ordnance or explosives presence in this area. The fact that ordnance presence has not been confirmed to be present in this area leads one to conclude that the approximate 342.48 acres of **Area C** may be considered to be **uncontaminated** in respect to OE remnant presence.

8. SITE ORDNANCE TECHNICAL DATA

a. **End Item Technical Data**

Table 8-1, below, has been developed for reference purposes only, to establish a list of potential ordnance items and their explosive/chemical fillers which would have most likely been used at this former site. It is based upon knowledge of training doctrine, and all available documentation found concerning this site (see Appendix D).

TABLE 8-1 AMMUNITION USED AND EXPLOSIVE/CHEMICAL FILLER			
ITEM	MODEL/TYPE	FILLER/WEIGHT	FUZE
Practice Bomb 100 Pound	M38A2	Sand	
Practice Bomb 100 Pound	M85	Concrete	
Spotting Charge	M1A1	Black Powder/3 Pounds	
Data is based on typical ammunition of the period. No OE has ever been attributed to this site.			

b. **Chemical Data of Ordnance Fillers**

Table 8-2 has been developed to provide information on those items listed in Table 8-1.

TABLE 8-2 CHEMICAL DATA OF ORDNANCE FILLERS		
Filler	Synonym(s)	Chemical Formula
Black Powder 74% Potassium Nitrate 11% Sulfur 16% Charcoal	Salt Peter	KNO <sub>3</sub>  S C

9. OTHER ENVIRONMENTAL HAZARDS

a. **Hazardous, Toxic and Radiological Waste**

(1) The on site inspection team found no evidence of any underground storage tanks, or HTRW hazards of any kind, present on this site today. Documentation was found which states that no improvements were made to this site.

(2) Based on all information found during research of this former range, no HTRW projects are recommended for subject site.

b. **Building Demolition/Debris Removal**

There was no evidence found to suggest the presence of any building or debris presence which could be attributed to Department of Defense usage. It is therefore recommended that no BD/DR projects be pursued for subject site (see Table 2-1).

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ARCHIVES SEARCH REPORT  
FOR  
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PROJECT NUMBER J09CA068201

**APPENDIX A**

**REFERENCE SOURCES**

## APPENDIX A

### REFERENCE SOURCES

The following organizations and personnel are acknowledged for their support.

Organizations	Name	Telephone	Nature of Support
<b>GOVERNMENT SOURCES</b>			
<b>FEDERAL AGENCIES</b>			
<b>Department of Defense</b>			
Defense Technical Information Center 8725 John J. Kingman Rd. Fort Belvoir, VA 22060-6218	Computer Search (DTIC)	(703) 427-8274	Automated Search Restoration Information
Defense Library on Disk Washington, D.C. 20319	Computer Search (DLOD)	(703) 697-4658	Automated Search No Relevant Site Information
Defense Logistics Studies Information Exchange Fort Lee, VA 23801	Computer Search (DLSIE)	(804) 734-4007	Automated Search No Relevant Site Information
(DDESB) Historical Accident Data Base 2461 Eisenhower Ave Alexandria, VA 22331	Computer Search	(703) 325-8624	No Relevant Site Information
Defense Mapping Agency ATTN: ISDFR 4600 Sangamore Rd. Bethesda, MD 20816	Bill Harris	(800) 826-0342	Aeronautical Charts
Center of Military History 1099 14 <sup>th</sup> Street, NW Washington, D.C. 20536	Staff	(202) 504-5416	Ordnance Information Contractor Resource

**REFERENCE SOURCES (cont.)**

Organizations	Name	Telephone	Nature of Support
<b>Department of Defense (cont.)</b>			
<b>U.S. Army</b>			
759 <sup>th</sup> Ordnance Co. Bldg. 520 Ft. Irwin, CA 92310	SSG Salet	(760)380-4092	Conversation Record I-3
IOC Historical Office Bldg. 390 Rock Island Arsenal Rock Island, IL 61299	Tom Slattery	(309)794-1450	Referral
U.S. Army Chemical and Biological Def Comm Aberdeen Proving Ground, MD	Kathleen Ciolfi	(410)679-4430	Real Estate Information
U.S. Military Hist. Institute Carlisle Barracks Carlisle, PA 17013	Mike Winey	(717)245-3434	No Relevant Site Information
Rock Island Arsenal Museum Rock Island Arsenal Rock Island, IL 61204	Staff	(309)794-5021	Technical Manuals
U.S. Army Ordnance Museum Aberdeen Proving Ground, Maryland 21010	Roger Godin Dr. Atwater	(301)278-3602	Technical Manuals
HQ, USACE-Office of History 7701 Telegraph Rd. Alexandria, VA 22310	Martin Gordon, PH.D	(703)355-3558	Site Information
Army Safety Mgmt Information System Ft. Rucker, AL 36322	On Line Computer	(205)255-6485	No Relevant Site Information

**REFERENCE SOURCES (cont.)**

Organizations	Name	Telephone	Nature of Support
<b>Department of Defense (cont.)</b>			
<b>U.S. Army (cont.)</b>			
U.S. Army Corps of Engineers Los Angeles District 911 Wilshire Blvd. Los Angeles, CA 93043	Greg Boghossian Deb Castens	(213)452-3719	POC for Site
U.S. Army Corps of Engineers Los Angeles District Southern California Area Rancho Bernardo, CA 92127	Jim Walker B.J. Allen	(619)674-6789	Referrals
U.S. Army Chem. School Fisher Library Ft. McClellan, AL 36205	Dick Pastorret	(205)848-4414	No Relevant Site Information
U.S. Army Chem. Corps Museum ATTN: ATZN-CM-MM Bldg. 2299 Ft. McClellan, AL 36205	Sgt. Maj. Murray	(205)848-6555	No Relevant Site Information
U.S. Army Tech Ctr. for Explosive Safety ATTN: SIOAC-ESL Savanna, IL 61074	Chris Holliday	(815)273-8772	Reference Sources
U.S. Army Tech Ctr. for Explosive Safety ATTN: SIOAC-ESM Savanna, IL 61074	Technical Library	(815)273-8771	Reference Sources
U.S. Military Hist. Institute Carlisle Barracks Carlisle, PA 17013	Dennis Vetock John Slonaker	(717)245-3611	No Relevant Site Information

### Reference Sources (cont.)

Organizations	Name	Telephone	Nature of Support
<b>Department of Defense (cont.)</b>			
<b>U.S. Army (cont.)</b>			
U.S. Military Hist. Institute Carlisle Barracks Carlisle, PA 17013	Richard Sommers	(717)245-3601	No Relevant Site Information
<b>U.S. Air Force</b>			
95 <sup>th</sup> CEG/CED Edwards Air Force Base, CA	MSGT Hepner TSGT Glinka	(805)277-2162	Conversation Record I-4
USAF History Research Agency 600 Chennault Circle Maxwell AFB, AL 36112	Joe Caver	(334)953-2395	Historical Information
USAF History Research Agency 600 Chennault Circle Maxwell AFB, AL 36112	IRIS System	(205)953-2437	See App. B, Section II, Parts A and B
AFHRA/Air Univ. Library 600 Chennault Circle Maxwell AFB, AL 36112	Leroy Bell	(205)953-2888	No Relevant Site Information
Air Force Times 6883 Commercial Drive Springfield, VA 22159	Staff	(800)368-5718	Referrals
U.S. Air Force Museum P.O. Box 1903 Wright-Patterson AFB, OH 45433	Staff	(513)555-3286	No Relevant Site Information
USAF, 1 <sup>st</sup> Camera Squadron Det9, ICTCS/DOV Andrews AFB, MD 20331	James Ferguson	(301)981-2257	No Relevant Site Information

**Reference Sources (cont.)**

Organizations	Name	Telephone	Nature of Support
<b>Department of Defense (cont.)</b>			
<b>U.S. Navy</b>			
Naval Historical Center Bldg. 57 Washington Navy Yard Washington, D.C. 20374	Staff	(202)433-3171	See App. B, Section II, Parts A and B
Naval Construction Bat. Ctr. Attn: CODE 10H-NAVFAC Historian 10 23 <sup>rd</sup> Avenue Port Hueneme, CA 93032	Dr. Vince Transano	(805)982-5913	No Relevant Site Information
Marine Corps Hist. Ctr. Bldg. 58 Washington Navy Yard Washington, D.C. 20374	Staff	(202)433-3483	See App. B, Section II, Parts A and B
Naval Construction Bat. Ctr. Technical Information Center 1100 23 <sup>rd</sup> Avenue Port Hueneme, CA 93032	Brian Thompson	(805)982-1124	No Relevant Site Information
Naval Construction Bat. Ctr. Civ Eng Support Office 1000 23 <sup>rd</sup> Avenue Port Hueneme, CA 93032	Mona Leon-Guerrero	(805)982-3057	No Relevant Site Information
NAVEODTECDIV Technical Library 2008 Stump Neck Road Indianhead, MD 20640	Betty Arbogast Dawn Risko	(301)743-6834	Navy Information Sources
U.S. Marine Corps Base Explosive Ordnance Disposal Twenty Nine Palms, CA 92272	Maj. Allston	(760)830-7215	No Relevant Site Information

**Reference Sources (cont.)**

Organizations	Name	Telephone	Nature of Support
<b>FEDERAL AGENCIES (cont.)</b>			
<b>Department of Commerce</b>			
NOAA Air Weather Service Federal Bldg. Room 305 Asheville, NC 28801	Janet Wall	(704)271-4404	Climatic Data
NOAA National Climatic Data Ctr. Federal Bldg. Asheville, NC 28801	Yolanda Goosch Sam McCowan	(704)271-4272	Climatic Data
NOAA 1825 Connecticut Ave. Washington, D.C. 20235	Patricia Kirk	(202)606-4549	Referrals
<b>Department of the Interior</b>			
Dept. of Interior Geological Survey Reston, VA 22092	Dave Keys	(703)648-5956	No Relevant Site Information
USGS Branch of Distribution Denver Federal Ctr. Denver, CO 80225	Staff	(303)236-7476	Topographical Maps
General Services Adm. Civil Reference Br. Washington, D.C. 20408	Contractor	(202)501-5395	Site Information
Dept. of Interior Geological Survey EROS Data Center Sioux Falls, SD 57198	Staff	(605)594-6151	Aerial Photographs

**Reference Sources (cont.)**

Organizations	Name	Telephone	Nature of Support
<b>FEDERAL AGENCIES (cont.)</b>			
<b>Department of the Interior (cont.)</b>			
BLM California Desert Dist. 6221 Box Springs Blvd. Riverside, CA 92226	John Keyes	(909) 697-5383	Hazardous Materials Specialist
BLM Barstow Resource Area 150 Coolwater Lane Barstow, CA 92311	Tim Reab Jerry Bronson	(619) 255-8700	Real Estate Information Conversation Record I-2
U.S. Geological Survey Box 25046, Bldg. 810 Denver Federal Center Denver, CO 80225	Paula Erickson Steve Reiter	(303) 202-4200	Aerial Photographs
USGS Denver Federal Center Box 25286 Denver, CO 80225	Roger Compton	(303) 202-4700	Topographic Quad Maps
U.S. Fish and Wildlife Service Ecological Services 2493 Portola Rd., Suite B Ventura, CA 93003	Ray Branfield	(805) 644-1766	Endangered Listings
<b>U.S. Department of Agriculture</b>			
USDA, Aerial Photography Field Office 2222 West 2300 South Salt Lake City, UT 84131	Sherrie Holyoak	(801) 975-3503	Aerial Photographs

**Reference Sources (cont.)**

Organizations	Name	Telephone	Nature of Support
<b>FEDERAL AGENCIES (cont.)</b>			
<b>Department of the Agriculture (cont.)</b>			
USDA, Natural Resources Conservation Service Box 788115 Bldg. 1456, Griffin Road Twenty Nine Palms, CA 92278	John Rule	(760)830-7011	Aerial Photographs
USDA Consolidated Farm Service Agency 44811 Date Avenue West Lancaster, CA 93534	Doug Brand	(805)942-9549	Aerial Photographs
USDA Natural Resource Conservation Service, 18484 Hwy 18 Apple Valley, CA 92307	Jackie Lindgren Rick Aguayo	(760)242-2906	Soil Survey Information
<b>National Archives Reference Administration</b>			
National Archives Cartographic and Architectural Branch College Park, MD 20740	Staff	(301)713-7040	See Appendix B Section II
National Archives Military Reference Branch Washington, D.C. 20408	Staff	(202)501-5385	See Appendix B Section II
National Archives (Civil and Military) Suitland Reference Branch Suitland, MD 20409	Staff	(301)457-7190	See Appendix B Section II

**Reference Sources (cont.)**

Organizations	Name	Telephone	Nature of Support
<b>FEDERAL AGENCIES (cont.)</b>			
<b>NARA (cont.)</b>			
National Archives Archives II (Civil Ref. Br.) 8601 Adelphi Rd. College Park, MD 20740	Staff	(301)713-7250	See Appendix B Section II
National Archives Archives II (Motion Picture Br) 8601 Adelphi Rd. College Park, MD 20740	Staff	(301)713-7060	See Appendix B Section II
National Archives Archives II (Still Picture Br) 8601 Adelphi Rd. College Park, MD 20740	Staff	(301)713-6660	See Appendix B Section II
National Archives Archives II (Textual Br) 8601 Adelphi Rd. College Park, MD 20740	Staff	(301)713-7250	See Appendix B Section II
National Personnel Records Ctr 9700 Page Ave St. Louis, MO 63132	Wilson Sullivan	(314)538-4085	See Appendix B Section III
Pacific Southwest Region 24000 Avila Road Laguna Niguel, CA 92607	Suzan Dewberry	(714)643-2641	See Appendix B Section III
National Archives Archives I (Old Military) Pennsylvania Ave. & 7 <sup>th</sup> Washington, D.C. 20408	Richard Peuser	(202)501-5390	See Appendix B Section II

**Reference Sources (cont.)**

Organizations	Name	Telephone	Nature of Support
<b>FEDERAL AGENCIES (cont.)</b>			
<b>NARA (cont.)</b>			
National Archives (Navy) Pennsylvania Ave. & 7 <sup>th</sup> Washington, D.C. 20408	Staff	(202)501-5671	See Appendix B Section II
National Archives Archives II (Textual Ref) 8601 Adelphi Rd. College Park MD 20740	Staff	(301)713-7250	See Appendix B Section II
NARA Pacific Region (Laguna Niguel) 1000 Commodore Drive San Bruno, CA 94066	Bill Greene Lisa Miller	(415)876-9015	See Appendix B Section III
<b>Library of Congress</b>			
Library of Congress Geography and Map Division Washington, D.C. 20408	Thomas DeClair	(202)707-5522	See Appendix B Section II
Library of Congress Technical Reference Division Washington, D.C. 20408	Charlie Trew	(202)707-5655	Publication
Smithsonian Museum Historical Research Div. Washington, D.C. 20560	Staff	(202)357-3133	No Relevant Site Information
National Museum of American History 14th St. & Constitution Ave. Washington, D.C. 20560	Staff	(202)357-2515	Referrals

**Reference Sources (cont.)**

Organizations	Name	Telephone	Nature of Support
<b>FEDERAL AGENCIES (cont.)</b>			
<b>Library of Congress (cont.)</b>			
Washington National Records Center 4205 Suitland Road Suitland, MD 20409	Staff	(301)457-7000	See Appendix B Section II
<b>STATE AGENCIES</b>			
<b>California</b>			
California State Archives 1020 East O St. Sacramento, CA 92415	Mr. Metzger	(916)653-2246	Referrals
California SHPO San Bernardino Center 2024 Orange Tree Lane Redland, CA 92374	Robin Laska	(909)792-1497	Archaeological/Historical Information
Calif. State Library 914 Capital Hall Library and Courts Bldg. Sacramento, CA 94237	Brent Murphy	(916)654-0069	No Relevant Site Information
Calif. State Library 914 Capital Hall Library and Courts Bldg. Sacramento, CA 94237	John Gonzales	(916)654-0176	Historical Site Information
Calif. State University San Bernardino Library 5500 University Parkway San Bernardino, CA 92407	Staff	(909)880-5084	No Relevant Site Information

**REFERENCE SOURCES (cont.)**

Organizations	Name	Telephone	Nature of Support
<b>STATE AGENCIES (cont.)</b>			
<b>California (cont.)</b>			
Calif. Division of Mines and Geology 801 K Street Sacramento, CA 95814	Kathleen Twomey	(916)327-1850	Geology and Mineral Information
Calif. Natural Heritage Div. Natural Diversity Database 1220 S Street Sacramento, CA 95814	Karen Bates	(916)324-3812	No Relevant Site Information
Calif. Natural Heritage Div. Dept. of Fish and Game 1220 S Street Sacramento, CA 95814	Steve Nicola	(916)324-3812	No Relevant Site Information
Univ. of California Government Documents Dept. Box 19557 Irvine, CA 92713	Kay Collins	(714)824-7234	No Relevant Site Information
Univ. of California Archives Box 19557 Irvine, CA 92713	Mary Goddard	(714)824-7193	No Relevant Site Information
<b>COUNTY/LOCAL AGENCIES</b>			
<b>San Bernardino County</b>			
San Bernardino County Court House 172 West 3 <sup>rd</sup> St. Bernardino, CA 92415	Staff	(909)387-8307	Plat maps

**REFERENCE SOURCES (cont.)**

Organizations	Name	Telephone	Nature of Support
<b>COUNTY/LOCAL AGENCIES (cont.)</b>			
<b>San Bernardino County (cont.)</b>			
San Bernardino County Flood Control 825 East 3 <sup>rd</sup> St. San Bernardino, CA 92415	Gary Duncan	(909)387-2529	No Relevant Site Information
Bernardino County Library Victorville Branch 15011 Circle Drive Victorville, CA 92392	Mr. Booker	(619)245-4222	No Relevant Site Information
San Bernardino County Library Lucerne Valley Branch 33103 Old Woman Springs Rd Lucerne Valley, CA 92356	Staff	(619)248-7521	No Relevant Site Information
San Bernardino County Museum 2024 Orange Tree Lane Redlands, CA 92374	Robin Laska Noella Benvenuti Pamela Frost	(909)798-8570	No Relevant Site Information
San Bernardino County Planning 385 North Arrowhead Ave. San Bernardino, CA 92415	Marla Taub	(909)387-4131	Land Use and Hazard Information
San Bernardino County Sheriff's Dept. Barstow Station 225 E Mountainview Barstow, CA 92311	SGT. Jecusco	(760)256-4841	No Relevant Site Information
San Bernardino County Archives 777 East Rialto San Bernardino, CA 92415	Jim Hoffer	(909)387-2030	News Articles

**REFERENCE SOURCES (cont.)**

Organizations	Name	Telephone	Nature of Support
<b>COUNTY/LOCAL AGENCIES (cont.)</b>			
<b>San Bernardino County (cont.)</b>			
San Bernardino County Assessor 172 West 3 <sup>rd</sup> Street San Bernardino, CA 92415	Staff	(909)387-8307	Plat Maps
San Bernardino County Sheriff and Bomb Squad 655 East 3 <sup>rd</sup> St. San Bernardino, CA 92415	Tom Alsky Bill Myers Bob Hall	(909)387-3598	Conversation Record I-1
San Bernardino Public Library 555 West 6 <sup>th</sup> St. San Bernardino, CA 92415	Chris Shovey	(909)381-8208	No Relevant Site Information
<b>Non-Government Sources</b>			
<b>NATIONAL</b>			
DIALOG Information Services 75 E. Wacker Drive-5th Fl. Chicago, IL 60601	Computer Search	(312)726-9206	No Relevant Site Information
Northern Ill. Library System 4034 East State Street Rockford, IL 61108	Computer Search	(815)229-0330	No Relevant Site Information
Scientific and Technical Info Lib Auto System 689 Discovery Drive Huntsville, AL 35806	Computer Search	(205)922-9820	No Relevant Site Information
Council on America's Past 519 Why Worry Lane Phoenix, AZ 85021	John Lynch	(800)398-4693	Generic Site Information

**REFERENCE SOURCES (cont.)**

Organizations	Name	Telephone	Nature of Support
<b>NATIONAL (cont.)</b>			
Knight-Ridder Information, Inc. 2440 El Camino Real Mountain View, CA 94040	Computer Search	(800)334-2564	No Relevant Site Information
On Line Computer Library Center 6565 Frantz Road Dublin, OH 43017	Computer Search	(800)848-5878	No Relevant Site Information
<b>LOCAL/REGIONAL</b>			
Edward Laska 19446 Corwin Rd Apple Valley, CA 92307	Local Resident	(619)242-5746	No Relevant Site Information
Owen Cooper 40 Oak Shadow Ct. Baltimore, MD 21228	Former Trainee	(410)747-5991	Interview I-6
Arda Haenszal 809 Standish Way Redlands, CA 92373	Local Historian	(909)798-0550	No relevant Site Information
John Darr Cheyenne, WY	Former Trainee	(307)635-2924	No Relevant Site Information
California Historical Society 678 Mission Street San Francisco, CA 94105	Beth Graham	(415)357-1848	Generic Site Information
Glenn Brooks Victorville, CA 92392	Former Trainee	(405)732-8877	Interview I-5

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**APPENDIX B**

**REFERENCES AND ABSTRACTS**

**Appendix B**

**References and Abstracts**

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PART B: NEGATIVE FINDINGS

SECTION III: REGIONAL NATIONAL ARCHIVES FINDINGS

PART A: POSITIVE FINDINGS

PART B: NEGATIVE FINDINGS

## APPENDIX B

### SECTION I

#### BIBLIOGRAPHY

- B-1 U.S. Army Corps of Engineers, Rock Island District, Site Safety Plan, 25 June 1992, with Appendix A-209, 18 January 1998
- B-2 CEHND 1105-3-9, Management Plan, U.S. Army Corps of Engineers, Huntsville Division, 10 August 1992
- B-3 CENCR, Management Plan, U.S. Army Corps Of Engineers, Rock Island District, 10 March 1995
- B-4 Department of Army, Environmental Protection and Enhancement, AR-200-1, 23 April 1990
- B-5 TM 9-1904, Ammunition Inspection Guide, War Department, dated 2 March 1944 (D-1, D-2, D-3)
- B-6 Ammunition General, Ordnance School Text, OS 9-18, Vol 3, Aircraft Bombs, Pyrotechnics, October 1942
- B-7 TM 9-1980, Bombs for Aircraft, War Department, 3 June 1942
- B-8 U.S. Army Corps of Engineers, Los Angeles District, DERP FUDS Inventory Project Report (INPR) for Site No. J09CA068200, dated 3 May 1996 (E-1)
- B-9 DERP FUDS Findings and Determination of Eligibility and Recommendations, Site No. J09CA068200, dated 19 December 1991 (E-2)
- B-10 Memorandum, United States Department of the Interior Fish and Wildlife Service, dated 19 December 1997, Subject: Species List for the Former Victorville Precision Bombing Range, San Bernardino County, California (F-1)
- B-11 Letter, Archaeological Information Center, Redlands, California, dated 11 November 1997, Subject: Historical and Cultural Resources (F-2)
- B-12 Letter, United States Department of Agriculture, Apple Valley, California, dated 17 November 1997, Subject: Soils Data (F-3)

- B-13 Memorandums, Post Engineers, dated May 1945,  
Subject: Construction and Erection of Corner  
Reflectors on Coyote Lake (F-4)
- B-14 Letters, Army Air Forces Flying Training Command,  
dated October-December 1945, Subject: Declaration of  
Lands Being Surplus/Excess to Use of the Command (F-5)
- B-15 Memorandums, Headquarters Army Air Forces, dated  
March-May, 1946, Subject: Withdrawal of Victorville  
Bombing Targets from Surplus (F-6)
- B-16 Deduinding Report on Bombing Targets Formerly Assigned  
to Victorville Army Air Field, dated September 1946  
(F-7)
- B-17 Memorandum, War Department, Office of the Chief of  
Engineers dated 6 August 1947, Subject: Removal of  
Scrap from Artillery, Bombing and other Target Ranges  
(F-8)
- B-18 Letter, Headquarters 4196<sup>th</sup> AAF Base Unit,  
dated 19 August 1947, Subject: Persons Removing Bomb  
Scrap from Bombing Ranges (F-9)
- B-19 Memorandum, War Department, Office of the Chief of  
Engineers dated 4 February 1948, Subject: Report  
of the Deduinding of Victorville Bombing Targets,  
San Bernardino County, California (F-10)
- B-20 Certificate of Clearance, 9800<sup>th</sup> TSU-CE Det.14,  
dated 22 March 1948, Subject: Victorville Bombing  
Targets (F-11)
- B-21 Memorandum, War Department, United States Engineer  
Office, dated 3 February 1942, Subject: Government  
Owned Land Selected for Air Corps Advanced Flying  
School No.4, Victorville, California (G-1)
- B-22 Memorandum w/5 inds, War Department, United States  
Engineer Office dated April- August 1942,  
Subject: Land Acquisition for Bombing Ranges,  
Victorville Army Flying School, Victorville,  
California (G-2)
- B-23 Military Acquisition Project Report, War Department,  
dated 23 June 1948, with Directive Date of  
2 September 1942, Subject: Victorville Precision  
Bombing Range #16 (G-3)

- B-24 Memorandum, War Department, Office of the Chief of Engineers, dated 4 September 1942, Subject: Land Acquisition for Bombing Ranges, Victorville Army Flying School, Victorville, California (G-4)
- B-25 Public Land Order #125, U.S. Department of the Interior, dated 20 May 1943, Subject: Withdrawing Public Lands for Use of the War Department as Bombing Target Sites, California (G-5)
- B-26 Letter, SBATSC, dated 24 January 1946, Subject: Declaration as Excess, Auxiliary Installations of Victorville Army Air School, Victorville, California (G-6)
- B-27 Warning Notice, Office of the Chief of Engineers, Real Estate, Army Service Forces, dated 6 February 1946, Subject: Excess Bombing Target, Victorville, California (G-7)
- B-28 Memorandum, Office of the Chief of Engineers, dated 11 August 1947, Subject: Transfer of Surplus Facilities Pacific Div, No.4197-3 (Victorville AAF, California) (G-8)
- B-29 Warning Notice, Office of the Chief of Engineers, Real Estate, Army Service Forces, dated 19 August 1947, Subject: Excess Bombing Target, Victorville, California (G-9)
- B-30 Letter, Office of the Chief of Engineers, dated 14 November 1948, Subject: Cancellation of Public Land Order #125 (G-10)
- B-31 Realty Control File Summary (Land Acquisitions and Disposals subsequent to 1 July 1940) for Audited Installation No.1879, Victorville Precision Bombing Range #16, California (G-11)
- B-32 Real Property Management and Disposal Report, dated 1 September 1954, Audit No.2246, Victorville Precision Bombing Range #16, California (G-12)
- B-33 Current Day Land Ownership Information (G-13)
- B-34 National Oceanic and Atmospheric Administration, Climate of California, Revised June 1982

- B-35 U.S. Department of Agriculture, Soil Conservation Service, Soil Survey of San Bernardino County, California, Mohave River Area, Issued February 1986
- B-36 Victorville Army Air Field , "Historical Record of Victorville Army Air Field, Victorville, California from 8 December 1941 to 1 January 1943". Center for Air Force History, Microfilm Collection, Rolls B2647 to B2649
- B-37 Victorville Army Air Field, "Historical Record of Victorville Army Air Field, Victorville, California from 1 January 1943 to 1 March 1944". Air Force Historical Research Agency, Call #289.40
- B-38 Real Estate Map, Victorville Army Air Field, Bombing Ranges, dated 19 September 1945 (L-1)
- B-39 Project Ownership Map, Audited Installation #2246, Victorville PBR #16, undated
- B-40 Aerial Photograph, Victorville Precision Bombing Range #16, dated 7 March 1955, EROS Data Center, Sioux Falls, South Dakota
- B-41 Aerial Photograph, Victorville Precision Bombing Range #16, dated 16 August 1989, EROS Data Center, Sioux Falls, South Dakota
- B-42 Computer Search, USGS, Ground Water Atlas of the United States-Segment 1 California Nevada, Ground Water Flow System, URL:  
<http://water.wr.usgs.gov/gwatlas/basin/system.html>

SECTION II  
NATIONAL CAPITAL REGION ARCHIVES FINDINGS  
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POSITIVE FINDINGS

VICTORVILLE PRECISION BOMBING RANGE NO. 16, CA

Also Researched Under Barstow, CA; San Bernardino County, CA; Victorville Army Airfield; and George Air Force Base.

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Microfilm Collection

Rolls B2647 thru B2649

Comprehensive History of Victorville Air Force Base, Victorville, California, 1 November 1945 -31 December 1948

Rolls B2647 thru B2649

Historical Record of Victorville Army Airfield, Victorville, California, From 1 January 1943 to 1 March 1944

Rolls B2647 thru B2649

Historical Record of Victorville Army Airfield, Victorville, California, From 1 January 1939 to 7 December 1941

Rolls B2647 thru B2649

Historical Record of Victorville Army Airfield, Victorville, California, From 1 March 1944 to 30 April 1944

Rolls B2647 thru B2649

Historical Record of Victorville Army Airfield, Victorville, California, 1 November 1944 to 31 December 1944

Rolls B2647 thru B2649

Historical Record of 3035th A.A.F. Base Unit, Victorville Army Airfield, Victorville, California, From 1 May 1944 to 30 June 1944

Rolls B2647 thru B2649

Historical Record of Victorville Army Airfield, Victorville, California, From 8 December 1941 to 1 January 1943

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Posts, Camps and Stations - WWII

Vol. XII (T-Z)  
Victorville, CA

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RG 18 (Records of the Army Air Corps)

Entry 1: Security Classified File, 1944 - 1948  
Box 288

Correspondence Relative to Proposed Additional Facilities Construction,  
Victorville Army Airfield, 7 November - 13 December 1944

Entry 1: Security Classified File, 1944 - 1948  
Box 289

Tentative List of Stations for Planning on the Installation of Instruments  
Approach Systems, Army Air Forces Training Command

Entry 1: Security Classified File, 1944 - 1948  
Box 292

Non-Use Report, Victorville Army Airfield, Including Detailed List of  
Facilities and Real Estate Data on Bombing Ranges, 1 October 1945

Entry 1: Security Classified Decimal File, 1944 - 1948  
Box 558

Rolled Map, Army Air Forces Bombing and Gunnery Ranges within the  
Continental United States, 1 May 1945

Entry 2: Air Adjutant General's Unclassified Decimal File, 1944 - 1946  
Box 2247

Memorandum Relative to Proposed Assignment of Victorville Precision  
Bombing Ranges to Fourth Air Force, 6 February 1946

Entry 2: Air Adjutant General's Unclassified Decimal File, 1944 - 1946  
Box 2247

Memoranda Relative to Policy Regarding Decontamination of Bombing  
and Gunnery Ranges, 9 August - 19 September 1946

VICTORVILLE PRECISION BOMBING RANGE NO. 16, CA

Entry 2: Air Adjutant General's Unclassified Decimal File, 1944 - 1946  
Box 2248

Memorandum Relative to Bombing Range Status and Requirements,  
Victorville Army Airfield, 20 June 1944

Entry 2: Air Adjutant General's Unclassified Decimal File, 1944 - 1946  
Box 2281

Correspondence Relative to Status of Victorville Army Airfield,  
18 September - 4 October 1945

Entry 2: Air Adjutant General's Unclassified Decimal File, 1944 - 1946  
Box 2281

Memoranda Relative to Proposed Hangar Modifications, Victorville Army  
Airfield, 30 March - 21 May 1945

Entry 2: Air Adjutant General's Unclassified Decimal File, 1944 - 1946  
Box 2281

Memoranda Relative to Proposed Installation of Type E-1 Sonic Bomb  
Scoring Targets, Victorville Army Airfield, 27 March - 16 April 1945

Entry 2: Air Adjutant General's Unclassified Decimal File, 1944 - 1946  
Box 2795

Correspondence Relative to Army Air Force Installation in California,  
Washington, and Oregon, Victorville Bombing Ranges

Entry 2: Air Adjutant General's Unclassified Decimal File, 1944 - 1946  
Box 2798

Memoranda Relative to Declaration of Victorville Army Airfield as  
Excess Leased Property, 26 December 1946 - 18 February 1947

Entry 2: Air Adjutant General's Unclassified Decimal File, 1944 - 1946  
Box 2798

Memoranda Relative to Transfer of Surplus Victorville Army Airfield  
Bombing Targets to Custody of Chief of Army Corps of Engineers,  
10 July 1946 - 11 August 1947

Entry 2: Air Adjutant General's Unclassified Decimal File, 1944 - 1946  
Box 2798

Memoranda Relative to Real Property Disposal, Victorville Army  
Airfield, 5 June - 21 November 1947

VICTORVILLE PRECISION BOMBING RANGE NO. 16, CA

Entry 2: Air Adjutant General's Unclassified Decimal File, 1944 - 1946  
Box 2798

Memoranda Relative to Adverse Conditions, Including Presence of  
Unexploded Bombs at Victorville Army Airfield Bomb Targets,  
31 January - 27 February 1947

Entry 2: Air Adjutant General's Unclassified Decimal File, 1944 - 1946  
Box 2798

Memorandum Relative to Reactivation of Victorville Army Airfield  
Bombing Targets, 16 January 1947

Entry 292: Air Adjutant General's Unclassified Central Decimal File, Oct 1942 -  
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Box 1592

Rolled Map, Bombing Range Target, V.A.F.S., Victorville, CA

Entry 292: Air Adjutant General's Unclassified Central Decimal File, Oct 1942 -  
1944

Box 1592

Correspondence Relative to Bombing and Gunnery Range Requirements,  
Victorville Army Airfield, 6 October - 13 November 1943

Entry 292: Air Adjutant General's Unclassified Central Decimal File, Oct 1942 -  
1944

Box 1641

Range Data, Victorville Army Airfield

Entry 294: Air Adjutant General's Security Classified Decimal File, Oct 1942 -  
1944

Box 785

Real Property Utilization Report, Victorville Army Airfield, 4 September  
1944

Entry 294: Air Adjutant General's Security Classified Decimal File, Oct 1942 -  
1944

Box 785

Real Property Utilization Report, Victorville Army Airfield, 2 August  
1944

Entry 294: Air Adjutant General's Security Classified Decimal File, Oct 1942 -  
1944

Box 873

List, Post War Air Force Training Installations, Victorville Army Airfield

VICTORVILLE PRECISION BOMBING RANGE NO. 16, CA

Entry 295: Correspondence Relating to Airfields, 1939 - 1942  
Box 1834

Memoranda Relative to Real Estate Acquisition and Construction  
Funding, Victorville Flying School Bombing Ranges, 20 January -  
12 February 1942

RG 48 (Records of the Office of the Secretary of the Interior)

Entry 749B: Central Classified Correspondence, 1937 - 1953  
Box 3220

Letter Relative to Real Estate Acquisition, Victorville Precision Bombing  
Ranges, 21 April 1943

Entry 749B: Central Classified Correspondence, 1937 - 1953  
Box 3220

Proposed Public Order Withdrawing Public Land for Use by War  
Department as Bombing Target Sites, Victorville Precision Bombing  
Ranges, 24 April 1943

RG 77 (Records of the Office of the Chief of Engineers)

Entry 1011: Security Classified Subject Files, 1940 - 1945  
Box 855

Contract Documents, Victorville Military Airport Bombing Target  
Construction, 31 December 1941 - 5 March 1942

Entry 1011: Security Classified Subject Files, 1940 - 1945  
Box 855

Correspondence and Report Relative to Additional Facilities Construction,  
Victorville Army Airfield, 6 October 1944 - 31 March 1945

Entry 1023: General Correspondence Relating to Airfields, Part II, Progress  
Reports, 1940 - 1945  
Box 69

Construction Program at Air Corps Stations, Advanced Twin Engine  
School, Victorville, California, 1 - 15 June 1941

Entry 1023: General Correspondence Relating to Airfields, Part II, Progress  
Reports, 1940 - 1945  
Box 80

Construction Program at Air Corps Stations, Advanced Twin Engine  
School, Victorville, California, 15 September 1941

VICTORVILLE PRECISION BOMBING RANGE NO. 16, CA

Entry 1023: General Correspondence Relating to Airfields, Part II, Progress Reports, 1940 - 1945

Box 85

Construction Program at Air Corps Stations, Advanced Twin Engine School, Victorville, California, 30 September 1941

Entry 1023: General Correspondence Relating to Airfields, Part II, Progress Reports, 1940 -1945

Box 90

Construction Program at Air Corps Stations, Advanced Twin Engine Flying School - Victorville, California, 31 October 1941

Entry 1023: General Correspondence Relating to Airfields, Part II, Progress Reports, 1940 -1945

Box 105

Construction Program at Air Corps Stations, Advanced Twin Engine Flying School - Victorville, California, 31 January 1942

RG 107 (Records of the Office of the Secretary of War)

Entry 102: Office, Administrative Assistant to the Secretary of War, Project Decimal File, 1943 - 1946

Box 133

Correspondence Relative to Real Estate Acquisition, Victorville Army Airfield, 9 - 27 April 1943

RG 160 (Records of the Army Service Forces)

Entry 27: Mobilization Division, Command Installation, Correspondence File, 1942 - 1946

Box 19

Draft Circular, "Neutralization of Unexploded Ammunition and Duds"

RG 341 (Records of Headquarters U.S. Air Force)

Entry 494: Correspondence Regarding AF Real Estate Facilities, 1948 - 1955

Box 46

Letters Relative to Proposed Reactivation, Victorville Air Force Base, 18 - 25 October 1948

Entry 494: Correspondence Regarding AF Real Estate Facilities, 1948 - 1955

Box 46

Correspondence Relative to Status of Victorville Air Force Base, 29 October - 12 November 1948

VICTORVILLE PRECISION BOMBING RANGE NO. 16, CA

Entry 494: Correspondence Regarding AF Real Estate Facilities, 1948 - 1955  
Box 46

Letters Relative to Status, Victorville Air Force Base, 19 April - 7 May  
1948

RG 429 (Records of the Organizations in the Executive Office of the President)

Entry 12: Central Real Property Surveys  
Box 47

Department of Defense Installation Survey Report, George Air Force  
Base, Victorville, California, 24 October 1973

***U.S. ARMY CORPS OF ENGINEERS - OFFICE OF HISTORY  
ALEXANDRIA, VA***

Real Estate Records

Realty Control File Summary Sheet  
Victorville Precision Bombing Range No. 16

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VICTORVILLE PRECISION BOMBING RANGE NO. 16, CA

Also Researched Under Barstow, CA; San Bernardino County, CA; Victorville Army Airfield; and George Air Force Base.

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Historical Data Cards  
Posts, Camps, and Stations File

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US Department of the Interior, Geological Surveys

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Divisional Catalogs  
Geographic Catalogs  
Habs/Haer  
Stereographic Catalogs  
Subject Catalogs  
Videodisk Collection

***NARA - ARCHIVES I  
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RG 49 (Records of the Bureau of Land Management)  
Entry: Land Entry Papers

RG 69 (Records of the Works Progress Administration)  
Entry: Central Decimal Files, 1935 - 1944

RG 77 (Records of the Office of the Chief of Engineers)  
Entry 391: Construction Completion Reports, 1917 - 1943  
Entry 393: "Historical Record of Buildings" and "Record of Equipment and Condition of Buildings" at Active Army Posts, 1905 - 1942

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RG 153 (Records of the Office of the Judge Advocate General)  
Entry: Reservations File, 1800 - 1950

RG 156 (Records of the Office of the Chief of Ordnance)  
Entry 36: General Correspondence, 1915 - 1941

RG 162 (Records of the Federal Works Agency)  
Entry 21: Records of the War Public Works Program, 1941 - 1949

RG 175 (Records of the Chemical Warfare Service)  
Entry 1: Central Correspondence Files, 1918 - October 1942  
Entry 4: Security and Confidential Central Correspondence Files, 1918 - 1942

RG 394 (Records of US Army Continental Commands, 1920 - 1942)  
Entry: 9th Corps Area, Office of the Engineer

***NARA - ARCHIVES II - TEXTUAL BRANCH  
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RG 16 (Records of the Department of Agriculture)  
Entry 17: General Correspondence of the Office of the Secretary of Agriculture,  
1906 - 1975

RG 18 (Records of the Army Air Corps)  
Entry 46: The Air Inspector, Decimal File, 1945 - 1947  
Entry 293: Security Classified Central Decimal File, 1939 - 1942, Bulkies  
Entry 293: Security Classified Central Decimal Files, 1939 - 1942, Series I  
Entry 293: Security Classified Central Decimal Files, 1939 - 1942, Series II

RG 30 (Record of the Bureau of Public Roads)  
Entry 54: Highway Traffic Advisory Committee to the War Department, 1941 -  
1945

RG 57 (Records of the United States Geological Survey)  
Entry 27: Correspondence and Related Records, 1906 - 1945

RG 77 (Records of the Office of the Chief of Engineers)  
Entry 106B: General Correspondence, 1918 - 1945  
Entry 1014: General Correspondence with Divisions, 1941 - 1945  
Entry 1015: General Correspondence with Districts, 1941 - 1945

RG 92 (Records of the Office of the Quartermaster General)  
Entry 1892: Classified Geographic File, 1936 - 1945  
Entry 1892A: General Correspondence (Geographic File), 1936 - 1945  
Entry 1892B: General Correspondence (Geographic File), 1946 - 1948

VICTORVILLE PRECISION BOMBING RANGE NO. 16, CA

RG 96 (Records of the Farmers Home Administration)

Entry 3: Correspondence Relating to Participation in the Defense Program, 1940 - 1942

RG 107 (Records of the Office of the Secretary of War)

Entry 108: Secretary of the Army (Patterson), Central Decimal File, 1946 - 1947

Entry 110: Office, Administrative Assistant to the Secretary of War, Decimal File, February 1946 - June 1947

Entry 127: Office, Special Consultant to the Secretary of War, John D. Russell's File, 1942 - January 1946

Entry 159: Special Assistant for Construction, M. J. Madigan, Projects, 1940 - 1945

Entry 211: Office, Assistant Secretary of War for Air, Establishment of Airfields and Airbases, 1940 - 1945

Entry 212: Establishment of Airfields and Airbases, 1941 - 1945

Entry 213: Office, Assistant Secretary of War for Air, Robert A. Lovett, Decimal File, 1940 - 1946

RG 111 (Records of the Office of the Chief Signal Officer)

Entry 1036B: Historical Files, 1908 - 1962

RG 112 (Records of the Office of the Surgeon General)

Entry 31: Geographic Series, 1938 - 1942

Entry 32: Geographic Series (Formerly Security Classified), 1938 - 1941

RG 115 (Records of the Bureau of Reclamation)

Entry 7: General Administrative and Program Files, 1919 - 1945

RG 159 (Records of the Office of the Inspector General)

Entry 26D: General Correspondence, 1939 - 1947

Entry 26E: General Correspondence (Confidential), 1939 - 1947

RG 160 (Records of Headquarters, Army Service Forces)

Entry 25: Director, Plans and Operations, Liaison and Control Branch, Subject File, 1942 - 1944

Entry 138: Readjustment Division, Central Decimal Files, 1943 - 1944

Entry 139: Readjustment Division, Central Decimal Files, March 1943 - 1946

VICTORVILLE PRECISION BOMBING RANGE NO. 16, CA

RG 165 (Records of the War Department General and Special Staffs)

Entry 258: Reports and Correspondence Relating to the Construction, Utilization, and Disposal of Army Installations, 1944 - 1947

Entry 484D: Federal Works Agency Project Files, 1940 - 1946

Entry 484E: Security Classified Federal Works Agency Project Files, 1942 - 1945

Entry 484G: Federal Agencies Branch, Airport Development Project Files, 1940 - 1942

Entry 484K: Civil Aeronautics Administration Airport Development Program, 1940 - 1945

RG 168 (Records of the National Guard Bureau)

Entry 344: State Decimal File, 1922 - 1945

Entry 348: State Guard, State File, 1941 - 1949

RG 175 (Records of the Chemical Warfare Service)

Entry 2A: General Correspondence, 1942 - 1947

Entry 4A: Security Classified Correspondence, 1942 - 1945

RG 197 (Records of the Civil Aeronautics Board)

Entry 56B: Records Relative to Legislation, 1946 - 1954

RG 218 (Records of Joint Chiefs of Staff)

Entry: Series 1942 - 1959 (Geographic Files)

RG 250 (Records of the Office of War Mobilization and Reconversion)

Entry 73: Federal Construction Projects, August - October 1946

RG 269 (General Records of the General Services Administration)

Entry 62: Real Property Disposal Case Files, 1945 - 1953

RG 270 (Records of the War Assets Administration)

Entry 3: Office of Information Subject File, 1946 - 1949

RG 291 (Records of the Federal Property Resource Service)

Entry 5: Real Property Case Files, 1949 - 1962

RG 319 (Records of the Army Staff)

Entry 47: Army Intelligence Project Decimal File, 1941 - 1945

RG 336 (Records of the Office of the Chief of Transportation)

Entry: Historical Program Files, 1940 - 1950

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RG 337 (Records of Headquarters, Army Ground Forces)

Entry 16A: General Staff, G-3 Section, Administrative Division, Subject Correspondence File, 1942 - 1947, Uniform and Equipment to Western Defense Command

Entry 25: Army Field Forces, Headquarters, General Staff, G-3 Operations Group, Organization and Equipment Division, General Decimal File, 1943 - 1948

Entry 55A: Ground Adjutant General Section, Records Division, Project Decimal File, March 10, 1942 - 1943, 1946 - 1947

Entry 57: General Headquarters, US Army Special Staff

Entry 57A: General Headquarters, US Army Project Files, 1940 - 1942

RG 338 (Records of US Army Commands, 1942 -)

Entry: Ninth Service Command

Entry: Posts, Camps, and Stations

Entry: Western Defense Command

RG 340 (Records of the Office of the Secretary of the Air Force)

Entry 53: Air Coordinating Committee, General File, 1944 - 1950

RG 341 (Records of Headquarters, US Air Force)

Entry 336: Plans, Central Decimal File, 1942 - 1954

RG 342 (Records of US Air Force Commands, Activities, and Organizations)

Entry: "Sarah Clarke" Decimal Correspondence File

RG 407 (Records of the Adjutant General's Office, 1917 -)

Entry: Classified Project Decimal File, 1940 - 1950

Entry: Formerly Classified Project Decimal File, 1940 - 1945

Entry 427: World War II Operations Reports, 1940 - 1948

RG 429 (Records of the Organizations in the Executive Office of the President)

Entry 17: Records of the Federal Property Council

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COLLEGE PARK, MD***

RG 18 (Records of the Army Air Corps)

RG 30 (Records of the Bureau of Public Roads)

RG 77 (Records of the Office of the Chief of Engineers)

RG 92 (Records of the Office of the Quartermaster General)

RG 145 (Records of the Agricultural Stabilization and Conservation Service)

RG 342 (Records of U.S. Air Force Commands, Activities, and Organizations)

RG 373 (Records of the Defense Intelligence Agency)

VICTORVILLE PRECISION BOMBING RANGE NO. 16, CA

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RG 111 (Records of the Office of the Chief Signal Officer)

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RG 18 (Records of the Army Air Corps)  
RG 30 (Records of the Bureau of Public Roads)  
RG 77 (Records of the Office of the Chief of Engineers)  
RG 92 (Records of the Office of the Quartermaster General)  
RG 111 (Records of the Office of the Chief Signal Officer)  
RG 165 (Records of the War Department General and Special Staffs)

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RG 77 (Records of the Office of the Chief of Engineers)  
Accession 077-52A-259  
Accession 077-53A-325  
Accession 077-55A-323  
Accession 077-57A-374

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VICTORVILLE PBR NO. 16

**NARA, NATIONAL PERSONNEL RECORDS CENTER  
ST LOUIS, MO**

- RG 18, Records of the Army Air Forces  
Accession #342-47A4227  
Box #06-23-58-9-5  
Dwg, Regional Map of VAAF & Satellite Facilities, Sept. 1943
- RG 342, Records of U.S. Air Force Commands, Activities, and  
Organizations  
Accession #342-53A-4077  
Box #06-23-58-9-3  
Memo, Subj: Information Pertaining to Bombing Ranges, ACAFS,  
Army Air Base, Victorville, California, February 13, 1942  
Memo, Subj: Transfer of Real Property, 21 May 1946  
Memo, Subj: Decontamination of Bombing and Gunnery Ranges,  
Oct. 10, 1946  
Paper, Dedudding Report on Bombing Targets Formerly Assigned  
to Victorville Army Air Field, 25 Sep 1946  
Memo, Subj: Acquisition of Bombing Target Sites,  
23 May 1945, w/1st Ind, 4 Jul 1945  
Memo, Subj: Return of Correspondence - Acquisition of  
Bombing Target Sites, 4 Aug 45, w/ Incl
- Accession #342-47A4227  
Box #06-23-58-9-5  
Memo, From 4196th AAF Base Unit to Sub-Station Sheriff's  
Office, San Bernardino County, Re: Removal of Bomb Scrap,  
19 August 1947  
Memo, Status of Assignment of Bombing and Gunnery Ranges,  
25 June 1947  
Memo, Subj: Removal of Military Scrap from Artillery,  
Bombing and Other Target Ranges, 6 August 1947  
Memo, Subj: Status of Assignment of Bombing and Gunnery  
Range, Feb 19 1947  
Memo, Subj: Teletype SBCON-2-2 dated 4 Feb 47, 10 Feb 1947

Paper, Statistical Data Bombing Ranges, Victorville Army Air Field, (as Reflected by VAAF Records 11 March 1947)

**NARA, PACIFIC REGION (LAGUNA NIGUEL)**  
**LAGUNA NIGUEL, CA**

RG 77, Records of the Office of the Chief of Engineers

Accession #077-64J0445

Box #48

Memo, From ASF, HQ 9th Service Command to Commanding Officer, Camp Haan, Re: Movement of 65th Ordnance Bomb Disposal Squad to Victorville, 1 August 1945, w/Indorsements

Memo, Subj: Declaration as Excess, Auxiliary Installations of Victorville AAF, 7 Dec 1945, w/1st Ind, 28 Dec 1945

Memo, Subj: Withdrawal of Victorville Bombing Targets from Surplus, 20 Mar 1946 w/Indorsements

Memo, Subj: Withdrawal of Victorville Bombing Targets from Surplus, 15 Apr 1946

Memo, Subj: Transfer of Victorville AAF Bombing Targets, 18 Feb 1947

Accession #077-96-133

Box #27

Realty Control File Summary, Undated

Memo, Subj: Land Acquisition, Bombing Ranges for Victorville Army Flying School, 2 Sep 1942, w/Indorsements

Memo, Subj: Excess Bombing Targets, Victorville, 1 Feb 1946

Warning Notice, Declaring Bombing Target 16 as Surplus Property, 6 Feb 1946

Memo, Subj: Reclassification of Victorville Bombing Ranges, 18 Apr 1946

Warning Notice, Declaring Bombing Target 16 as Reestablished 13 May 1946

Memo, Subj: Transfer of Surplus Facilities, Pacific Div, No. 4197-3 (Victorville AAF), 11 Aug 1947

Memo, Subj: Disposal of Bombing Target Sites at Victorville AAF, 14 Aug 1947

Warning Notice, Declaring Bombing Target 16 as Surplus Property, 19 Aug 1947

Memo, Subj: Report of the Deduinding of Victorville Bombing Targets, San Bernardino County, 4 Feb 1948

Certificate of Clearance, Victorville Bombing Targets Nos. 3, 7, 10, 11, 12, 13, 14, 16, 17, 19, and 20, 22 Mar 1948

Military Acquisition Project Report, Victorville PBR #16,  
w/Tract Register, 23 Jun 1948  
Memo, From Chief of Engineers to BLM, Re: Public Land Order  
No. 125, 1 Nov 1948  
Real Property Management and Disposal Report, Victorville  
PBR #16, 1 Sep 1954  
Final Project Ownership Map, 16 Aug 1948  
Final Project Ownership Map, Victorville Bombing Ranges,  
19 Sep 1945  
Location Map, Victorville Bombing Targets, 27 Nov 1944

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VICTORVILLE PBR NO. 16

***NARA, PACIFIC REGION (LAGUNA NIGUEL)  
LAGUNA NIGUEL, CA***

RG 30, Records of the Bureau of Public Roads  
All Entries  
Nothing Found

RG 49, Records of the Bureau of Land Management  
All Entries  
Nothing Found

RG 71, Records of the Bureau of Yards and Docks  
All Entries  
Nothing Found

RG 77, Records of the Office of the Chief of Engineers  
Accession #077-96-0134  
Box #5  
Nothing of Value to this ASR Found

RG 92, Records of the Quartermaster General  
All Entries  
Nothing Found

RG 156, Records of the Chief of Ordnance  
All Entries  
Nothing Found

RG 219, Records of the Office of Defense Transportation  
All Entries  
Nothing Found

RG 269, General Records of the General Services Administration  
All Entries  
Nothing Found

RG 270, Records of the War Assets Administration  
All Entries  
Nothing Found

RG 336, Records of the Office of the Chief of Transportation  
All Entries  
Nothing Found

RG 338, Records of U.S. Army Commands  
All Entries  
Nothing Found

RG 342, Records of U.S. Air Force Commands, Activities, and  
Organizations  
All Entries  
Nothing Found

**NARA, NATIONAL PERSONNEL RECORDS CENTER  
ST LOUIS, MO**

RG 342, Records of U.S. Air Force Commands, Activities, and  
Organizations  
Accession #342-54A4118  
Box #06-38-18-1-1  
Nothing of Value to This ASR Found

Accession #342-46A4076  
Box #06-38-18-2-1  
Nothing of Value to This ASR Found

Accession #342-50A4042  
Box #06-38-18-1-3, 2 Boxes  
Nothing of Value to This ASR Found

**NARA, PACIFIC REGION (SAN FRANCISCO)  
SAN BRUNO, CA**

RG 18, Records of the Army Air Forces  
All Entries  
Nothing Found

RG 30, Records of the Bureau of Public Roads  
All Entries  
Nothing Found

RG 49, Records of the Bureau of Land Management  
All Entries  
Nothing Found

RG 77, Records of the Office the Chief of Engineers  
Accession #75Q1061  
Boxes #1-3  
Nothing of Value to This ASR Found

RG 92, Records of the Office of the Quartermaster General  
All Entries  
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RG 111, Records of the Chief Signal Officer  
All Entries  
Nothing Found

RG 112, Records of the Surgeon General (Army)  
All Entries  
Nothing Found

RG 121, Records of the Public Buildings Service  
Accession #9NSS-121-87-001  
Boxes #1 and 9  
Nothing of Value to This ASR Found

Accession #9NSS-121-85-009  
Box #12  
Nothing of Value to This ASR Found

Accession #9NSS-121-85-004  
Box #72  
Nothing of Value to This ASR Found

RG 156, Records of the Office of the Chief of Ordnance  
All Entries  
Nothing Found

RG 219, Records of the Office of Defense Transportation  
All Entries  
Nothing Found

RG 269, General Records of the General Services Administration  
All Entries  
Nothing Found

RG 270, Records of the War Assets Administration  
All Entries  
Nothing Found

RG 291, Records of the Federal Property Resources Service  
Accession #9NSS-291-93-002  
Box #19  
Nothing of Value to This ASR Found

RG 338, Records of U.S. Army Commands  
All Entries  
Nothing Found

ORDNANCE AND EXPLOSIVES  
ARCHIVES SEARCH REPORT  
FOR  
VICTORVILLE  
PRECISION BOMBING RANGE #16  
SAN BERNARDINO COUNTY, CALIFORNIA  
PROJECT NUMBER J09CA068201

**APPENDIX C**

**GLOSSARY**

## APPENDIX C

### Glossary

AR	Army Regulation
ASR	Archives Search Report
BD/DR	Building Demolition/Debris Removal
BLM	Bureau of Land Management
CEHNC	U.S. Army Engineering and Support Center, Huntsville
CENCD	U.S. Army Corps of Engineers, North Central Div.
CEMVR	U.S. Army Corps of Engineers, Rock Island
CERCLA	Comprehensive Environmental Response, Compensation and Liability Act
CESPL	U.S. Army Corps of Engineers, Los Angeles District
CWM	Chemical Warfare Material
DA	Department of the Army
DAC	Defense Ammunition Center
DERP	Defense Environmental Restoration Program
DOD	Department of Defense
DOI	Department of the Interior
EE/CA	Engineering Evaluation Cost Analysis
EOD	Explosive Ordnance Disposal
EPA	Environmental Protection Agency
FDE	Findings and Determination of Eligibility
FUDS	Formerly Used Defense Site(s)
HTRW	Hazardous, Toxic and Radiological Waste
INPR	Inventory Project Report
IRA	Interim Removal Action
NARA	National Archives and Records Administration
OE	Ordnance and Explosives
PA	Preliminary Assessment
PBR	Precision Bombing Range
PLO	Public Land Order
PN	Project Number
QASAS	Quality Assur. Spec. (Ammunition Surveillance)
RA	Remedial Action
RAC	Risk Assessment Code
RG	Record Group
RI	Remedial Investigation
RI/FS	Remedial Investigation/Feasibility Study
SHPO	State Historic Preservation Office
SI	Site Investigation or Site Inspection
USACE	U.S. Army Corps of Engineers
USATCES	U.S. Army Technical Center for Explosives Safety
UXO	Unexploded Ordnance
WAA	War Assets Administration
WD	War Department

ORDNANCE AND EXPLOSIVES  
ARCHIVES SEARCH REPORT  
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VICTORVILLE  
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SAN BERNARDINO COUNTY, CALIFORNIA  
PROJECT NUMBER J09CA068201

**APPENDIX D**

**TEXTS/MANUALS**

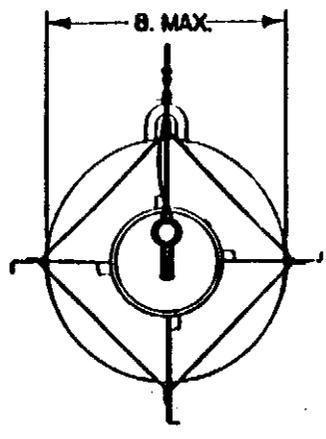
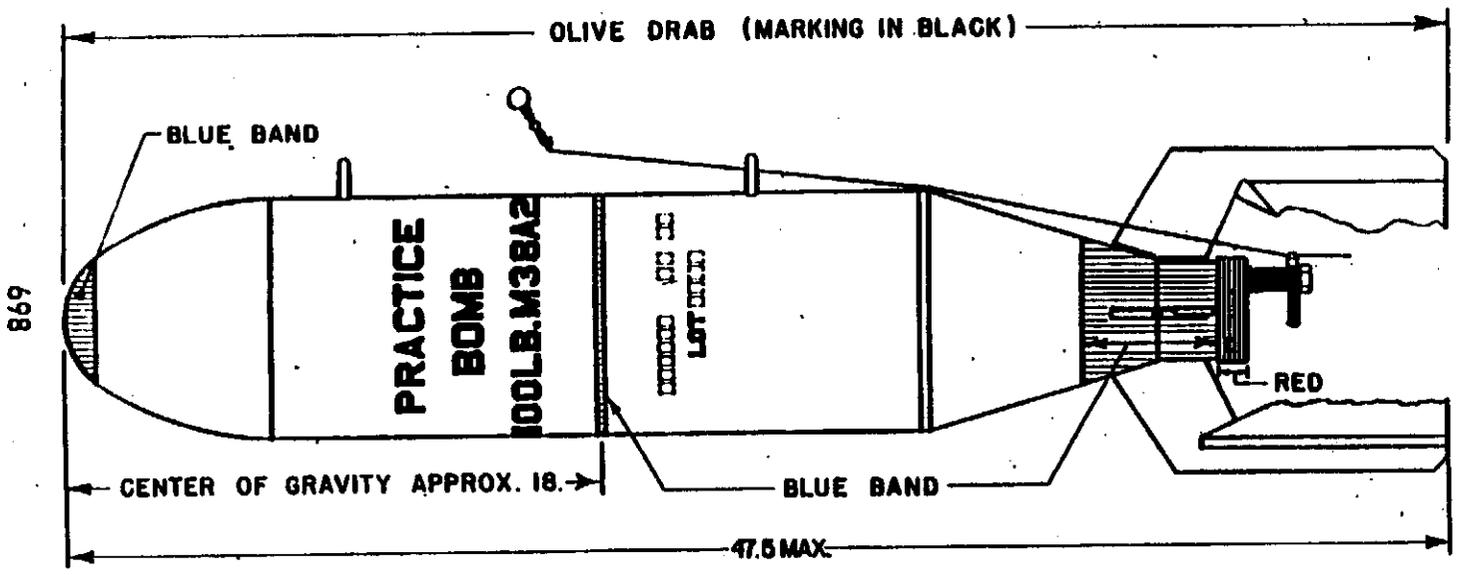
**APPENDIX D**

**TEXTS/MANUALS**

**Table of Contents**

- D-1 Bomb, Practice, 100 pound, M38A2 and  
Charge, Spotting, M1A1, 2 March 1944 (B-5)
- D-2 Bomb, Practice, 100 pound, M85, 2 March 1944 (B-5)
- D-3 Flare, Aircraft, Parachute, M26, 2 March 1944 (B-5)

AMMUNITION INSPECTION GUIDE

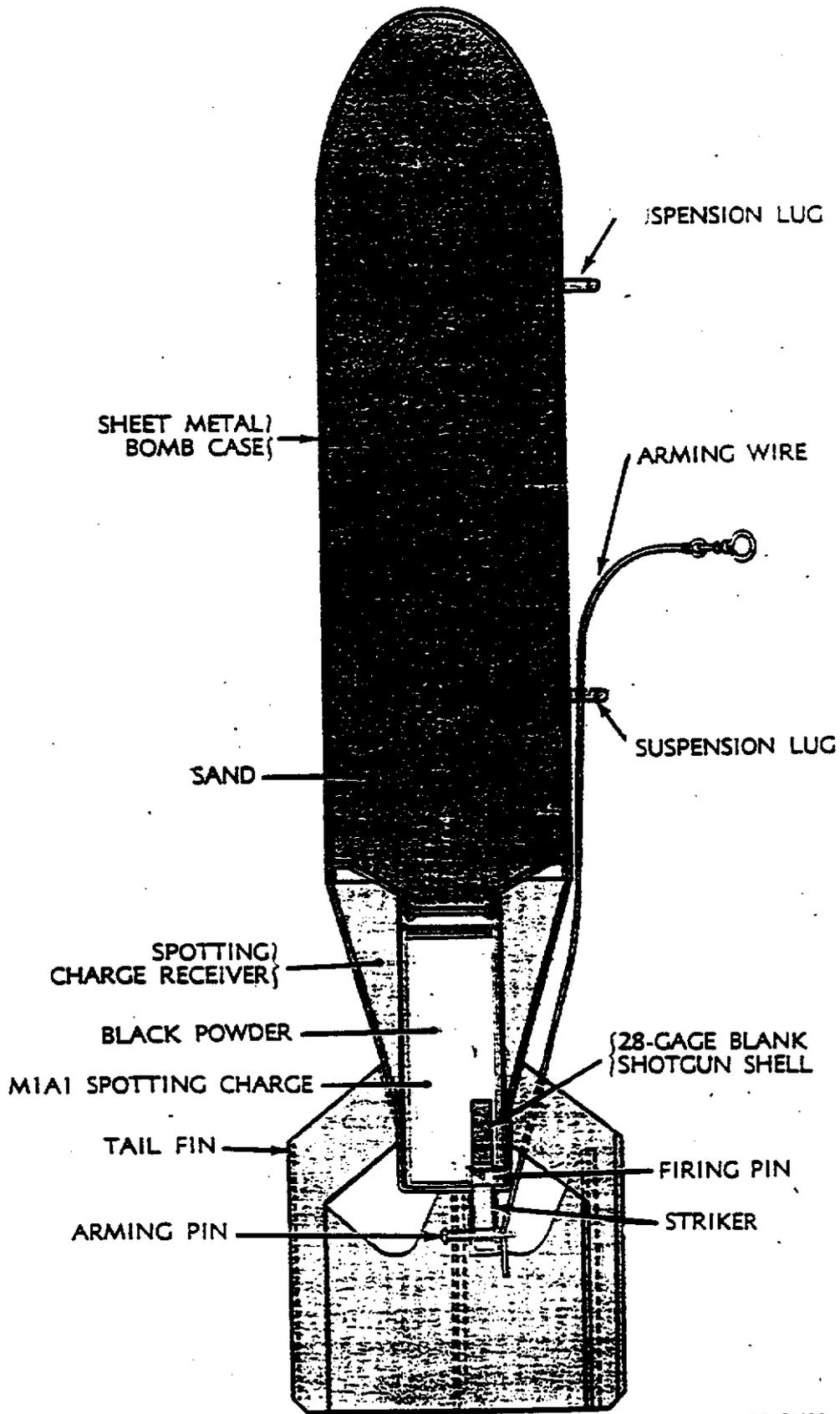


RA FSD 436A

Figure 274 — BOMB, Practice, 100-pound, M38A2

869

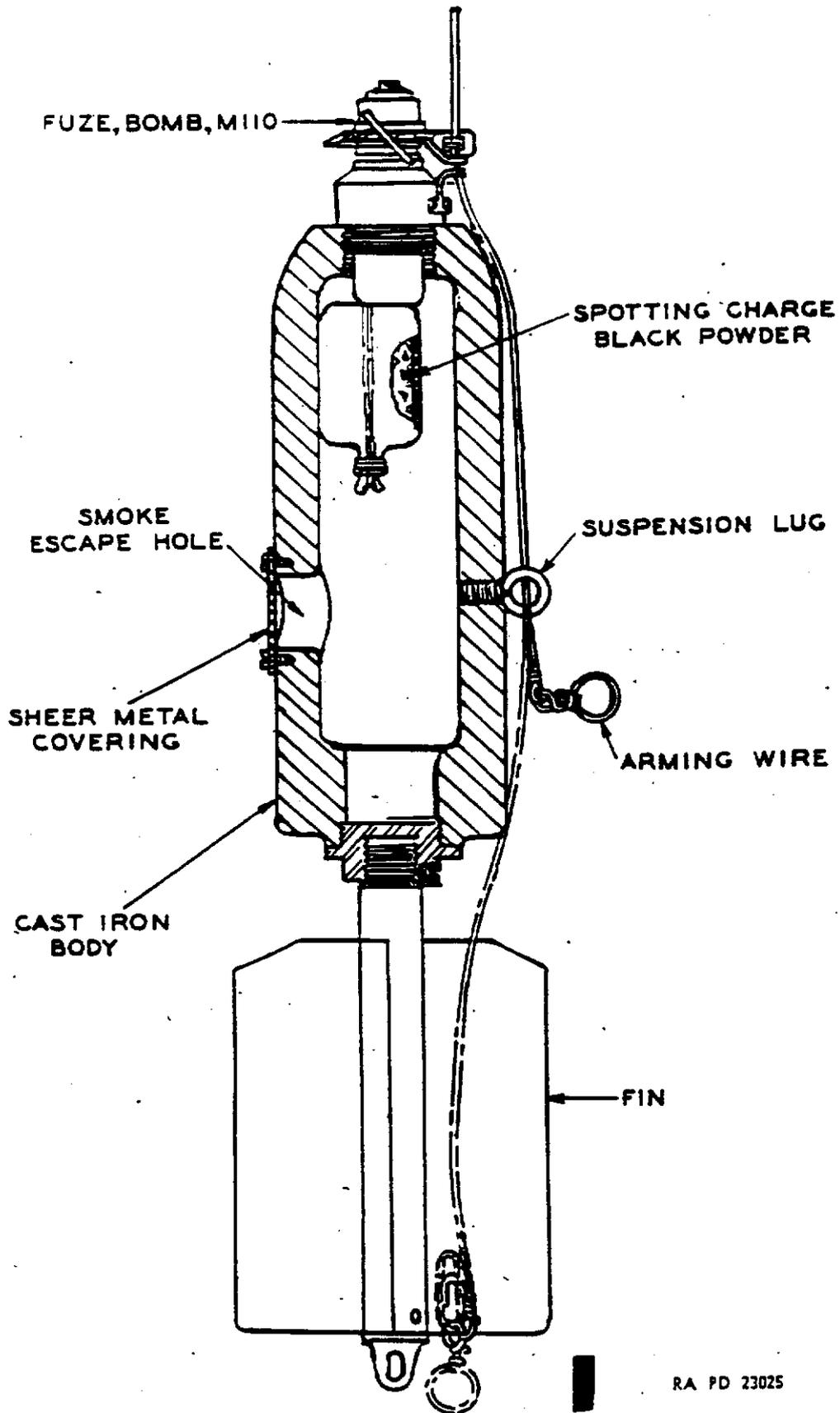
AMMUNITION INSPECTION GUIDE



RA PD 23024

Figure 275 — BOMB, Practice, 100-pound, M38A2—Sectioned

AMMUNITION INSPECTION GUIDE



RA PD 23025

Figure 276 — BOMB, Practice, 20-pound, M48

## BOMBS FOR AIRCRAFT

### Chapter 8

#### Practice and Drill Bombs

##### GENERAL

**Practice Bombs.** Practice bombs are used during both peacetime and wartime. Their chief function is to enable Air Corps bombardiers to practice their marksmanship with bombs which resemble real bombs closely enough to assure that a hit with a practice bomb would be a hit with a real bomb. A secondary function is to give ordnance personnel practice in assembling, fuzing, and handling bombs.

**Development.** Practice bombs in contrast to other practice ammunition are not made by using the same case as the H.E. round and filling it with a spotting charge. Obviously it would be too expensive to drop large GP bombs, sand filled with a spotting charge and fuze added for practice. Therefore, the search for a cheap bomb was initiated.

The first real practice bomb used by the Army was water filled. This bomb had no spotting charge but depended entirely upon the resultant splash to inform the bombardier of his accuracy. This type was unsatisfactory for the following reasons:

The water froze at high altitudes.

The water moved and caused the bomb to waver in flight.

The splash could not be seen from high altitudes.

Another bomb was developed using sand and water as the filler. This gave the bomb added weight and prevented the water from swishing around during flight. To increase its visibility at the point of impact, a spotting charge was added in the tail end of the bomb. This was in the form of a smoke compound confined in a glass bottle. This compound on exposure to air immediately formed a cloud of smoke. However, it was found unsatisfactory because of the following:

The glass bottle burst at high altitudes.

The cap loosened under high pressure or temperatures.

The contents froze and broke the bottle at high altitudes.

In any of these cases, the plane became filled with smoke.

At this point, it was decided to use the empty bomb bodies of the Mark series from the first World War as practice bombs and at the same time to continue the search for a satisfactory cheap bomb. The Mark series used, consisted of bombs 17, 25, 40, 50, 100, and 300 pounds in weight. Sand, a spotting charge, a fuze (either nose or tail) and a primer detonator wherever necessary were added to the bomb body to make for a practice bomb.

Finally the 100-pound M38, later modified in several respects so as to become the M38A2, was developed as the standard practice bomb for demolition bombing. In the subsequent pages, the bombs

## BOMBS FOR AIRCRAFT

discussed are those which are in use at the present time and were developed for practice in the use of specific types of service bombs.

**Drill Bombs and Gage Bombs.** Drill bombs are provided for training and practice in assembling, fuzing, handling, and loading on planes, and for the study of logistics. They are fitted with adapters to receive inert fuzes of standard models. Drill bombs are of the same size, shape, and weight as the corresponding service bombs. These bombs contain no explosive and are painted black or olive drab with black bands and are appropriately marked to distinguish them from explosive bombs.

Manufacturers of the various types of bombers and manufacturers of bomb racks are chiefly interested in gage bombs. These are either empty standard bombs or wooden forms used in the testing of planes for clearances, or in testing racks for capacity or proper function.

### BOMB, PRACTICE, 100-POUND, M38A2.

**General.** This bomb is used to give practice in demolition bombing. It is a thin case bomb, easy to manufacture, cheap in cost, and accurate in use. The bomb case cannot be reused after it has once been dropped in practice.

**Body Description.** It is constructed of light sheet metal, approximately 22 gage. The body is formed by rolling a rectangular sheet of metal into the form of a cylinder 8 inches in diameter, and spot-welding the seam at 2-inch intervals. The rounded nose is pressed from the same metal, as is the tail which is formed in the shape of a cone. Inside of the smaller end of the conical tail section is welded the spotting charge receiver. It extends about 7 inches into the cone and projects about 2 inches out of the tail end. The inner end of this receiver is fitted with a shoulder which supports a thin metal cover which is inserted after sand loading to protect the spotting charge from the sand in the bomb. At the outer end of the receiver are two projecting ears which serve to lock the spotting charge in place.

The receiver may be equipped with a cover cap. This is sometimes removed because it tends to stick tightly and make insertion of the spotting charge difficult in the field. Since the bombs are protected from the elements by at least a tarpaulin, this procedure does not appreciably harm the bombs.

Two suspension lugs are bolted to the bomb body during fabrication. The tail portion ends in a box type tail fin which has one blade in line with the suspension lugs. The over-all length of the bomb body is 47¼ inches. When empty, the bomb body weighs approximately 14 pounds. When completely loaded with sand (approx. 80 lb) and spotting charge, the weight of the bomb is approximately 100 pounds. The cost of the empty bomb body is approximately \$1.50. When

## BOMBS FOR AIRCRAFT

completely loaded, the cost of the complete round is approximately \$3.00. It receives the M1A1 Spotting Charge which houses both the spotting charge and firing mechanism. The Suspension Band M1 is provided for single suspension. The band is a separate component.

**CHARGE, Spotting, M1A1.** The M1A1 Spotting Charge is used to provide a charge and a firing mechanism. It is made from a large size tin can which has 3 pounds of black powder assembled loosely within. At the top of the can is a cover which has a hole in it for the insertion of a 28-gage blank shotgun shell and firing mechanism. The blank shotgun shell serves as a primer and igniting charge.

The firing mechanism consists of a fuze housing which has within it a striker held in position by an arming pin. Below the striker is a separate firing pin. The arming pin is always being forced outward by its spring but it is held in position by a cotter pin or arming wire located in one of the two eyelets in the small end of the arming pin. A small freely fitting sleeve is assembled over the end of the arming pin which is held in place by a cotter pin in the outer of the two holes. This sleeve makes the cotter pin more accessible and provides for proper arming wire resistance. It is important that this sleeve is always in place and that it is a loose fit on the arming pin. An inner hole through which the arming wire is threaded is exposed by a slight pressure on the head of the arming pin. The complete assembly is moistureproof and must not be disassembled under any circumstances. It is painted red with black stencil.

To assemble the spotting charge, about 80 pounds of sand is first added to the bomb. This requires filling to within  $\frac{1}{4}$  inch of the receiver with sand. No water is ever to be added to the sand. The receiver cover disc is then inserted and the spotting charge is placed in the receiver so that the cotter pin is alined with the two suspension lugs. The two holes in the spotting charge cap are alined with the two ears projecting from the receiver sleeve. A slight force will cause the spotting charge cap holes and receiver ears to engage. A wooden tool is used to facilitate this action. This prevents longitudinal or rotational motion of the spotting charge in the receiver. The arming wire is placed through the inner hole of the arming pin after being threaded through the rear suspension lug. The arming wire is adjusted so as to protrude 2 to 3 inches beyond the arming pin. No safety clip is to be used.

**Function.** The bomb is dropped and the arming wire is retained in the plane. The arming pin ejected by its spring allows the striker to move down and come to rest on the firing pin.

On impact, the force of inertia causes the striker to move down against the firing pin. The firing pin strikes the primer of the 28-gage blank shotgun shell, igniting it. The flame produced ignites the igniting charge in the blank shotgun shell which in turn ignites the black

## BOMBS FOR AIRCRAFT

powder spotting charge. The black powder produces a puff of white smoke at the point of impact to indicate where the bomb has struck. The bomb body is not reusable after dropping.

**Packing.** The bombs are packed 1 per cardboard container, empty. The spotting charges are packed 20 to the box. They are shipped separately.

**Complete Round Components.** Components necessary for a complete round consist of the following:

BOMB, practice, 100-pound, M38A2, less spotting charge

CHARGE, spotting, assembly M1A1, Practice Bomb, 100-pound,  
M38A2

Wire, arming, type A

### BOMB, PRACTICE, 20-POUND, M48.

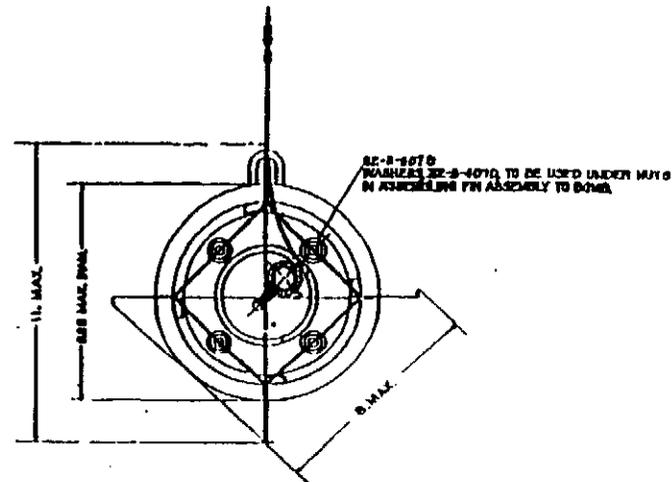
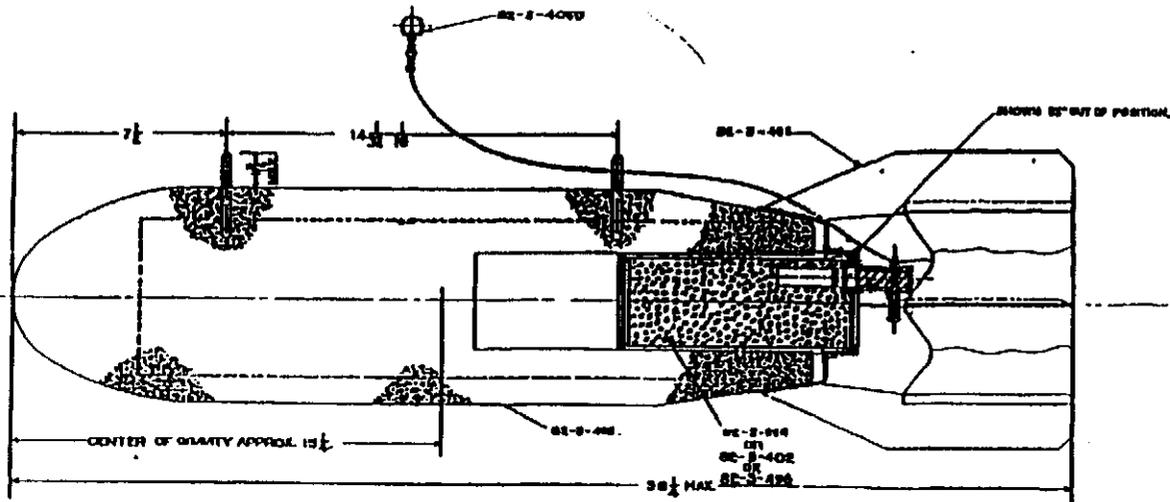
**General.** This bomb is designed to give practice in high-altitude fragmentation bombing. The bomb body may be reused after it has been dropped in practice unless it is badly damaged.

**Description.** The bomb body is cylindrical in shape and is made of heavy cast iron. To the rear of the bomb body, a hole in the side of the bomb, covered by a sheet metal disc is provided to allow for the escape of smoke. Opposite the hole on the other side of the bomb body is a lug for horizontal suspension. The nose is threaded to receive the M110 or the AN-M110A1 Bomb Nose Fuze. The body is hollow and receives a spotting charge of 0.13 pound of black powder. The rear of the bomb body is closed by means of a threaded cap. The cap is also threaded to receive the fin assembly. The fin assembly is bladed and the same as that of the 20-pound AN-M41 Fragmentation Bomb. Attached to the fin assembly is a lug for vertical suspension of the bomb. The fin is held securely to the threaded cap by means of a set screw. The over-all length is 21.7 inches. The total weight with spotting charge (no inert filler is used) is 20.5 pounds.

**Function.** In function, it acts exactly as the 20-pound AN-M41 High-altitude Fragmentation Bomb using the same fuze. The cluster is dropped and the arming wire is retained in the plane. The cluster opens and the bombs drop out. After several hundred revolutions of the vane, the fuze will arm. Upon impact, the fuze will function the black powder spotting charge. The smoke produced will blow out the metal disc and will show a white puff at the point of impact. The bomb body may be reused although the other components, fuze and spotting charge, must be replaced.

**Packing.** The bombs are packed in clusters, six bombs per cluster. Cluster Practice Bomb M2 is similar to the Fragmentation Bomb Cluster M1 except that six practice bombs replace the six fragmenta-





ASSEMBLY, 82-O-96A1

NOTICE: THE DRAWING SHALL BE USED ONLY AS SHOWN UNLESS OTHERWISE SPECIFIED OR IN PART ONLY SHALL BE PERMITTED IN CONNECTION WITH THE ORIGINAL DRAWING OR REVISION THEREOF.

DESIGN DATA		
NO.	DESCRIPTION	WEIGHT (LB)
1	BODY ASSEMBLY	8.00
2	FIN ASSEMBLY	4.25
3	SPOTTING CHARGE ASSEMBLY (230 BLACK POWDER)	1.25
4	BLACK POWDER	3.00 (A)
TOTAL		16.50

(A) WEIGHT PERTAINS TO COMBINATION OF BLACK POWDER.

BOMB, PRACTICE, 100LB, M85.  
ASSEMBLY, COMPLETE.

LIBRARY OF 1913  
82 0 98

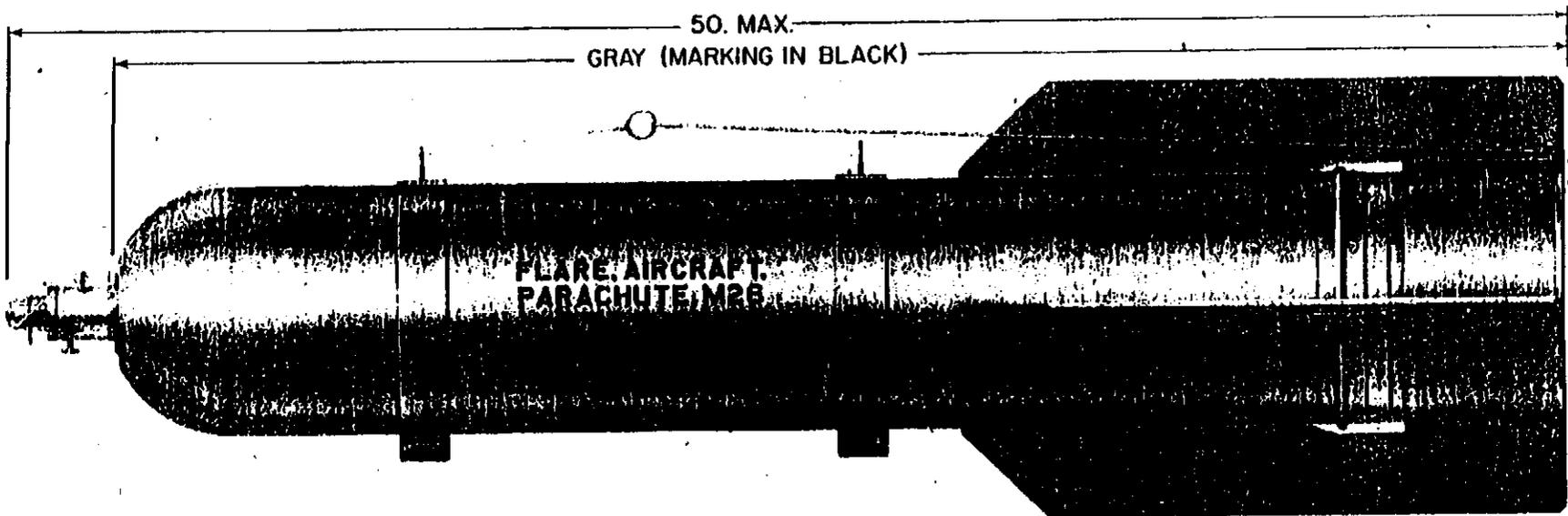
DATE: 1-20-38  
BY: [Signature]  
CHECKED BY: [Signature]  
APPROVED BY: [Signature]  
ORDNANCE DEPT., U. S. A.

NAME OF COMPONENT	QUANTITY NUMBER OR DESCRIPTION 82-O-96	APPROXIMATE WEIGHT (POUNDS)
ASSEMBLY	1	16.50
BODY ASSEMBLY	82-8-401	8.00
FIN ASSEMBLY	82-8-402	4.25
SPOTTING CHARGE ASSEMBLY, M41A1	82-8-403	1.25
WIRE, ARCADE	82-8-404	.25

SPOTTING CHARGE F13, 82-8-402 OR F14, 82-8-403 MAY BE USED WHEN REQUIRED.



OBSCOLESCENT



RA PD 4504

Figure 279 — FLARE, Aircraft, Parachute, M26

718

D-3

## MILITARY PYROTECHNICS

the friction composition, thus creating a flame which is picked up by the double length of quickmatch. The flame passes down through the quickmatch housing to the primer disc by means of the double length of quickmatch. The black powder paste in the perforations of the primer disc carries the flame to the first fire charge which in turn ignites the flare composition. When the flare composition is ignited, the pressure which builds up causes the end closing cover of the illuminant assembly to blow out, releasing the rib retainer which is attached to it, and thus allowing the springs to open the shade.

The full time for the complete ignition of the flare after release is approximately 2 seconds. Both the cover assembly and the flare case drop to the ground. The cover assembly is released from the hangwire assembly to avoid the possibility of the cover battering against the plane in the air stream.

### FLARE, AIRCRAFT, PARACHUTE, M26.

**Use.** To provide illumination for night bombardment.

**Description.** Length = 50 inches; diameter = 8 inches; weight = 53 pounds; burning time = 3-3½ minutes; candlepower = 800,000; substitute composition = 575,000.

The flare is equipped with the M111 Mechanical Time Flare Fuze which permits the function of the flare at 3,000 feet when released from aircraft at any altitude between 5,500 and 25,000 feet. The flare may be released from a plane traveling at any speed up to 200 miles per hour.

**Method of Release.** From horizontal suspension.

**Construction.** The flare case is cylindrical with a rounded nose, has tail fins, and the body has two suspension lugs attached for horizontal suspension. A shipping cover with a handle closes the tail end of the body, and is sealed by a strip of tape.

The inner construction is similar to the M24 Flare with the addition of the stabilizing sleeve, and the aluminum disk assembly which is functioned by the pressure built up by the functioning of the fuze.

**Installation.** Unscrew the fuze hole plug, screw the fuze in by hand, and seat it by hand force. Set the fuze to the desired time by loosening the thumb screw, rotating the body of the fuze until the desired number of seconds is indicated opposite the marker, then tighten the thumbscrew.

The cover is removed from the base of the flare and the outer end of the arming wire hangwire assembly is drawn from the hangwire container, taking care not to pull out the attached end of the hangwire. The hangwire is brought around the vane stiffener to the suspension side of the flare, and the arming wire is threaded through first

## MILITARY PYROTECHNICS

the forward suspension lug, then the inner holes in the arming pin of the fuze, and finally through the inner holes in the vane stop. The flare is then installed in the plane and the ring of the arming wire hangwire assembly is attached to the arming pawl.

**Operation.** The flare may be released "safe" or "armed." If released "safe," it may function on impact. If released "armed," the following steps take place:

1: Movement downward withdraws the arming wire from the fuze allowing the vane to rotate to arm the fuze and, at the same time, allowing the arming pin to be ejected, thus starting the time mechanism.

2. When the flare has dropped the length of the hangwire, it breaks the seal wire, and pulls out the hangwire container which drops free. The tear wire, attached to the hangwire near its end, pulls out the tear-wire cord which, in turn, pulls out the stabilizing sleeve and its shrouds. A short length of cord attached to the shrouds removes the lock of the cover releasing cup.

3. When the flare has dropped this far, its momentum breaks the tear wire, allowing the flare to drop free. It is stabilized in flight by the fins and the sleeve. The arming vane on the fuze rotates to arm the fuze approximately 6 seconds after release.

4. At the time set, the fuze functions to push out the cover releasing cup. This releases the detachable cover to which the sleeve shrouds are attached, allowing the sleeve and cover assembly to separate from the flare and, by means of the parachute pull-out cord, to pull out the parachute.

5. The parachute opens and retards the fall of the flare with a jerk which:

Breaks the parachute pull-out cord, allowing the sleeve assembly to drop free.

Pulls the friction igniters through the friction composition, thus starting the ignition train of igniter, lead spitter fuze, quickmatch, primer, first fire, and candle. This is the same as the function of the M24, and reaches full ignition in approximately 9 seconds.

Pulls the flare assembly out of the case allowing the case to drop free.

6. As the candle ignites, it expels the rib retainer, as in the M24, allowing the rib springs to open the shade.

7. The flare burns for 3 to 3½ minutes with a light of 800,000 candlepower while dropping at an average speed of 11.6 feet per second.

### FLARE, AIRCRAFT, PARACHUTE, M9.

**Use.** For reconnaissance. It is fired from Pyrotechnic Pistol M2 from a plane. It is not to be fired from a grounded plane.

ORDNANCE AND EXPLOSIVES  
ARCHIVES SEARCH REPORT  
FOR  
VICTORVILLE  
PRECISION BOMBING RANGE #16  
SAN BERNARDINO COUNTY, CALIFORNIA  
PROJECT NUMBER J09CA068201

**APPENDIX E**

**REPORTS/STUDIES**

**APPENDIX E**

**REPORTS/STUDIES**

**Table of Contents**

- E-1 U.S. Army Corps of Engineers, Los Angeles District,  
DERP FUDS Inventory Project Report (INPR) for Site No.  
J09CA068200, dated 3 May 1996 (B-8)
  
- E-2 DERP FUDS Findings and Determination of Eligibility  
and Recommendations, Site No. J09CA068200, dated  
19 December 1991 (B-9)

3 May 1996

MEMORANDUM FOR Commander, HQUSACE, ATTN: CEMP-RF,  
20 Massachusetts Avenue NW, Washington, DC  
20314-1000

SUBJECT: DERP-FUDS Inventory Project Report (INPR) Requiring an  
Ordnance and Explosives (OE) Engineering Evaluation and Cost  
Analysis (EE/CA)

1. The enclosed INPR has been submitted for further investigation or action by the Huntsville Engineering and Support Center. We have reviewed the INPR and recommend a phased EE/CA be scheduled for the following site:

DIVISION	PROJECT NO.	RAC	SITE NAME
SPD	J09CA068200	4	Victorville PBR #16 (encl)

2. A completed DD1391 cost estimate and risk assessment code score is included with the enclosure. The POC is Ms. Carrie Douglas at 205-895-1465 or Mr. Bill McPherson at 205-895-1595.

FOR THE DIRECTOR, ORDNANCE  
AND EXPLOSIVES TEAM:

Encl

*for Billy D. McPherson*  
KARL E. BLANKINSHIP, P.E.  
Group Leader, Design  
Management Group

CF:  
Commander, U.S. Army Engineer Division, South Pacific, ATTN:  
CESPD-ED-G, 630 Sansome Street, Room 720, San Francisco, CA  
94111-2206  
Commander, U.S. Army Engineer District, Los Angeles,  
ATTN: CESPL-ED-MI, P.O. Box 2711, Los Angeles, CA 90053-2325  
OE-PM Douglas/McPherson/Terrien  
ED File  
4-25o.pro/proj ltr A

CM-4.

*5/2/96*  
CD Douglas, OE-PM  
*BD* McPherson, OE-ES  
*5/4/96*



DEPARTMENT OF THE ARMY  
 SOUTH PACIFIC DIVISION, CORPS OF ENGINEERS  
 630 Sansome Street Room 720  
 San Francisco, California 94111-2206

REPLY TO  
 ATTENTION OF:

CESPD-ED-MH (200-1c)

JUL 08 1991

MEMORANDUM FOR

Commander, U.S. Army Division, Missouri River, P.O. Box 103  
 Downtown Station, Omaha, NE 68101-0103

Commander, U.S. Army Division, Huntsville, P.O. Box 1600,  
 Huntsville, Alabama 35807

Commander, U.S. Army Corps of Engineers, 20 Massachusetts Avenue,  
 N.W., Washington, DC 20314-1000

SUBJECT: DERP-FUDS Inventory Project Report for Various  
 Locations in the South Pacific Division Area

1. I have determined that the below listed sites are eligible  
 for DERP-FUDS under the law.

<u>SITE NUMBERS</u>	<u>SITE NAME</u>	<u>LOCATION</u>	
J09CA067400	Victorville, PBR N-3	Barstow, California	(Encl 1)
J09CA067700	Victorville, PBR No. 11	Barstow, California	(Encl 2)
J09CA067800	Victorville, PBR No. 12	Barstow, California	(Encl 3)
J09CA068000	Victorville, PBR No. 14	Barstow, California	(Encl 4)
J09CA068100	Victorville, PBR No. 15	Barstow, California	(Encl 5)
J09CA068200	Victorville, PBR No. 16	Barstow, California	(Encl 6)
J09CA069400	Victorville, PBR No. 9	Barstow, California	(Encl 7)

2. I recommend that Huntsville Division determine if further study is needed  
 with respect to an OEW project at these sites.

7 Encls

*R. F. Yankoupe*  
 For ROGER F. YANKOUBE  
 Brigadier General, U.S. Army  
 Commanding

SITE SURVEY SUMMARY SHEET  
FOR  
SITE NO. J09CA068200

SITE NAME: Victorville Precision Bombing Range No. 16

LOCATION: Barstow, California

DESCRIPTION OF PROBLEM: None

SITE HISTORY: In 1942, the Department of Interior (DOI) transferred a total of 640 acres of Public Domain land to the DOI. Since DOD failed to obtain formal permission from DOI for use of the site, the acquisition was described as an "implied transfer." Custody of land was relinquished to DOI in 1948. Current evidence of DOD use consists of remnants of practice bombs and wood posts supporting ceramic light sockets; however, this debris does not constitute an unsafe condition or hazard under normal circumstances. The site remains as Public Domain and is vacant of structures or inhabitants. There is no evidence of unsafe debris, hazardous or toxic materials, or unexploded ordnance resulting from DOD use of the site. State, county, and local agencies were contacted and have no records of any hazardous or toxic waste sites that are co-located or adjacent to the Victorville PBR No. 16.

AVAILABLE STUDIES AND REPORTS: None

CATEGORY OF HAZARD: Not applicable

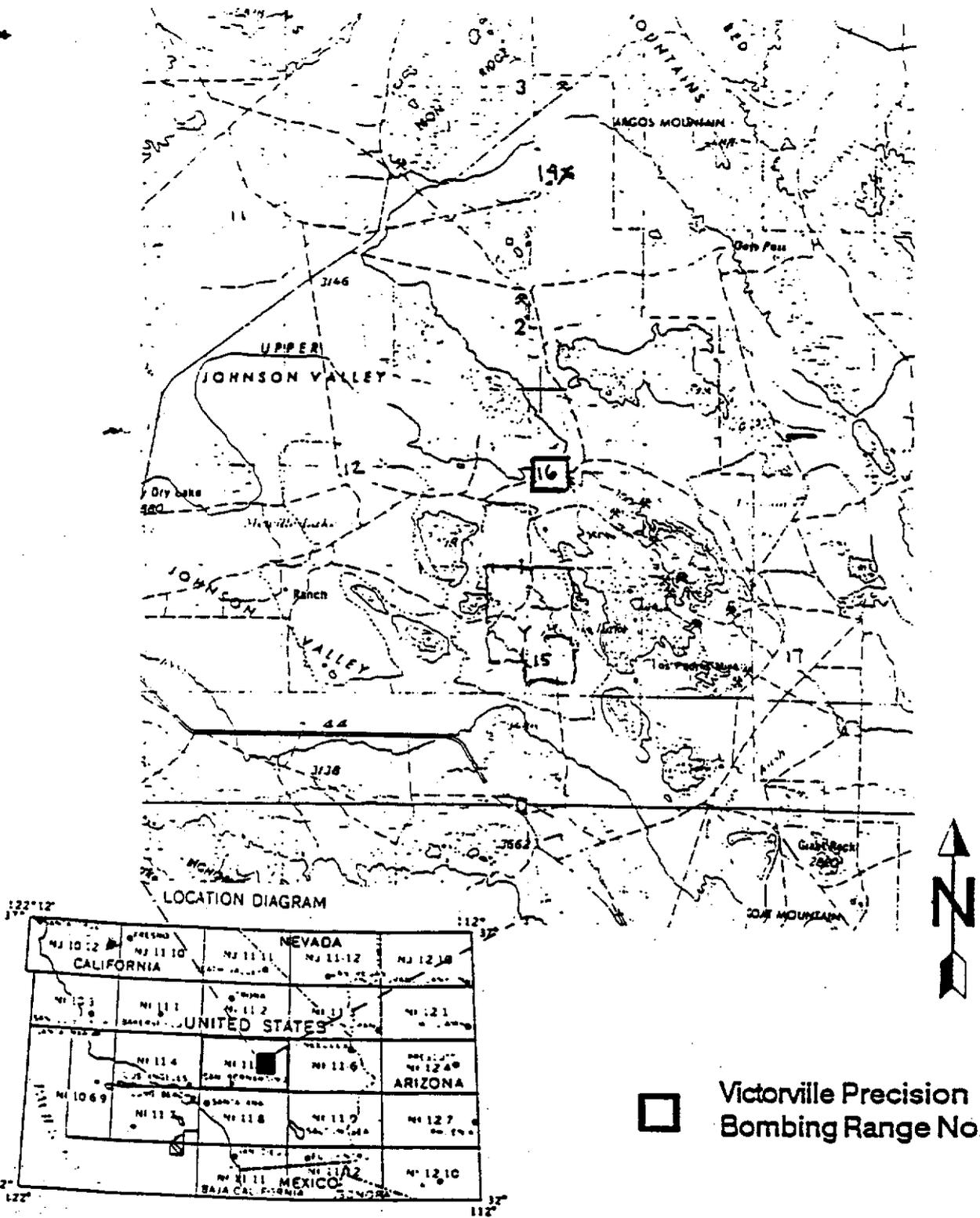
BASIS FOR DETERMINATION OF DOD RESPONSIBILITY: Not applicable

POC/DISTRICT: Debra Castens, (213) 894-2865, Los Angeles District

STATUS: Currently, the property is under the jurisdiction of the DOI Bureau of Land Management as Public Domain.

DESCRIPTION OF PROPOSED REMEDIAL ACTION: Not applicable

ESTIMATED COST: None



□ Victorville Precision Bombing Range No. 16

Figure 1 - Site Map of Victorville Precision Bombing Range No. 16  
(Project No. J09CA068200)

Source: USGS Scale 1 : 250,000 Map, San Bernardino, California

DEFENSE ENVIRONMENTAL RESTORATION PROGRAM  
FOR FORMERLY USED SITES  
FINDINGS AND DETERMINATION OF ELIGIBILITY  
VICTORVILLE PRECISION BOMBING RANGE NO. 16  
BARSTOW, CALIFORNIA  
SITE NO. J09CA068200

FINDINGS OF FACT

1. Following a land acquisition directive dated September 2, 1942, the Department of Interior (DOI) transferred a total of 640 acres of Public Domain to the Department of Defense (DOD). Since DOD failed to obtain formal permission from DOI for use of the site, the acquisition was described as an "implied transfer."

2. Victorville Precision Bombing Range (PBR) No. 16 was used by the U.S. Army Air Force as a practice bombing range. This site was operated in conjunction with the Victorville Army Air Field (now the George Air Force Base). Site improvements consisted of the light oil on grade target outlines, frame butts and appurtenances, fences, and gates. There were no buildings or auxiliary facilities on-site.

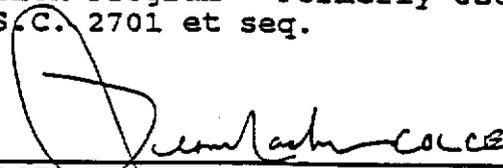
3. On January 23, 1946, DOD initially declared the Victorville PBR No. 16 site, totaling 640 acres, as surplus to the War Assets Administration. However, the active status was subsequently reestablished on April 15, 1946. Surplus status was again declared on August 13, 1947. DOD authorized the retransfer of the property to DOI on August 13, 1947, and custody was relinquished by letter dated November 1, 1948. DOD indicated that the site was visually inspected and certified it to be free and clear of explosive ordnance. All detachable improvements were removed and the oiled target rings on grade were allowed to deteriorate by weathering. DOD made no additional provisions for restoration. Currently, the property is under the jurisdiction of the DOI Bureau of Land Management.

DETERMINATION

Based on the foregoing findings of fact, the site has been determined to be formerly used by DOD. It is therefore eligible for the Defense Environmental Restoration Program - Formerly Used Defense Sites established under 10 U.S.C. 2701 et seq.

3 July 91

DATE

  
For ROGER F. YANKOUBE  
Brigadier General, U.S. Army  
Commanding

PROJECT SUMMARY SHEET  
FOR  
DERP-FUDS OE PROJECT NO. J09CA068200  
VICTORVILLE PRECISION BOMB RANGE NO. 16  
BARSTOW, CALIFORNIA  
SITE NO. J09CA068200

PROJECT DESCRIPTION: The Victorville Precision Bombing Range (PBR) No. 16 was used by the U.S. Army Air Corps as a practice bombing target for aircraft from the Victorville Army Air Field (now George AFB).

PROJECT ELIGIBILITY: The property has formerly been used by the U.S. Army Air Corps. No military improvements are known to have occurred. The site is nearly flat with about 24 feet of relief and is covered with light brush, and grass. The site is remote, undeveloped desert, covered with brush and visited by off-road vehicles.

POLICY CONSIDERATIONS: N/A

PROPOSED PROJECT: Recommend the Corp's Mandatory Center of Expertise (MCX) for OEW at the Huntsville Division make a determination if further action is appropriate.

RAC: Attached

DISTRICT POC: Request CEHNC inform Ms. Debra Castens at (213) 894-2865 when a determination is made regarding project status.

DEFENSE ENVIRONMENTAL RESTORATION PROGRAM  
FOR FORMERLY USED SITES  
FINDINGS AND DETERMINATION OF ELIGIBILITY  
AND RECOMMENDATIONS

VICTORVILLE PRECISION BOMBING RANGE NO. 16  
BARSTOW CALIFORNIA  
SITE NO. JO9CA068200

FINDINGS

1. The Victorville Precision Bombing Range (PBR) NO. 16 was used by the Army Air Corps as a practice bombing target for aircraft from the Victorville Army Air Field (now George AFB). The PBR was DOD property from 1942 to 1948, where it was returned to the Department of Interior.
2. A survey of the PBR NO. 16 was accomplished on 13 Dec 91. The only evidence of ordnance items were two fin assemblies from M38A2 sand filled or M85 concrete filled (100 Lb.) practice bombs. No other items were found at this site. No evidence of High Explosive items were found.
3. The primary land use is for off road vehicles and camping. There are several mining claims with in the area.

DETERMINATION

Based on the findings, the site meets the requirements of a formerly used DOD Site, and is there-by eligible for the Defense Environmental Restoration Program - Formerly Used Defense Sites under 10 U.S.C. 2701.

RECOMMENDATIONS

Recommend that no further action be taken on PBR NO. 16. Survey indicates no risk to the public.

  
RICHARD D. WHITBECK

19 Dec 91  
DATE

REAL PROPERTY MANAGEMENT AND DISPOSAL REPORT

NATIONAL CONTROL SYMBOL  
ENCL-13 (B3)

TO: Chief of Engineers  
ATTENTION: ENGLH  
Washington 25, D. C.

DIVISION  
South Pacific

DISTRICT  
Los Angeles

DATE OF REPORT  
1 September 1954

PART I FINAL REPORT

INSTALLATION Victorville Precision Bombing  
Range No. 16, Audit No. 2246

LOCATION  
4.5 miles East of Victorville

ARMY  AIR FORCE  MILITARY  COMMAND  CIVIL  FLOOD CONTROL  
 ATOMIC ENERGY COMMISSION  INDUSTRIAL  RIVERS AND HARBORS

ACREAGE ENTIRE INSTALLATION: FEE OWNED: PUBLIC LAND: 640 LEASED: LESSER INT.: COUNTY: San Bernardino STATE: California

PART II

DATE	STATUS	E OR P	FEE OWNED (Acres) (1)	PUBLIC LANDS (Acres) (2)	LEASED (Acres) (3)	LESSER INT. (Acres) (4)	NATURE OF FACILITIES	COST TO GOVT. (Dollars)	CUSTODY BY C. E. (Date)
8-13-47	Surplus	E	-	640	-	-	Bombing Range	4500	10-30-47
B									
C									
D									
E									
F									
G									
H									

PART III

TEMPORARY USE GRANTS

REF.	IN PROCESS			GRANTED			PURPOSE
	NO.	ACRES	CONSIDERATION (\$)	NO.	ACRES	CONSIDERATION (\$)	

REPORTED TO WAA OR GSA

REF.	REPORTED TO WAA OR GSA	DESIGNATED DISPOSAL AGENCY	DATE DESIGNATED	DISPOSITION

TRANSFER OR RETRANSFER TO OTHER GOVERNMENT AGENCIES

REF.	DATE AUTHORIZED	RECEIVING AGENCY	DATE OF LTR FROM ARMY AF OR AEC	RESTORATION OR BLDG. DISP. COMPLETED (Date)	DATE CUSTODY ASSUMED
1-2	8-13-47	Dept. of Interior	11-1-48	-	*

LEASE CANCELLATIONS

REF.	NO.	ACRES	RENTAL (Dollars)	REPORTED TO GSA	CANCELED

OTHER DISPOSALS

REF.	CLASSIFIED	APPRAISED	ADVERTISED	DATE SET FOR OPENING OF BIDS	COMPLETED	CONSIDERATION (\$)

SIGNATURE  
A. P. CAMERON

TITLE  
Chief, Reports, Records and Audits Section

ADDRESS  
751 S. Figueroa Street  
Los Angeles, California

GPO FORM 1 MAY 50 836

(Letter of Transmittal Unnecessary)

**INSTRUCTIONS**

All numbers will be rounded to the nearest dollar or acre in preparing this report

- A. REPORTS WILL BE PREPARED MONTHLY AS OF THE 15TH DAY OF EACH MONTH.
- B. REPORTS WILL BE PREPARED IN QUADRUPPLICATE FOR THE FOLLOWING DISTRIBUTION: Original and one copy will be forwarded to as to reach the Chief of Engineers. ATTENTION ENGLISH, not later than the 15th day of the month in which the report is prepared. One copy forwarded to the Division office and one copy retained in the preparing office.
- C. WHEN REQUIRED: Reports will be required commencing with the month in which the installation or any portion thereof is placed in Standby, Inactive, Excess, or Surplus status and continued until excess or surplus property is disposed of by transfer, sale, termination of leases, or otherwise, but if another portion of the installation is placed in a management or disposal status at a later date and the report resumed, all previous actions subsequent to 1 July 1948, will be reflected; where the installation or portion thereof is inactive or Standby, the report may be suspended when the granting of temporary use of facilities made available for such purposes shall have been completed or definite information shall have been received that temporary use of facilities at installations or portions thereof in Standby or Inactive status cannot be granted. Only military installations are definitively placed in a Standby or Inactive status; therefore, reports covering Civil Works or Atomic Energy Commission Projects are required only in connection with Excess or Surplus statuses. Where no progress has been made during a reporting period, a "Negative ENG Form 236" may be submitted identifying the installation, the State, the Division, the District, and the reporting period with the words "No Progress since report dated . . .", posted in PART II of the report.
- D. PART I will identify the installation as to name, location, department and type and set forth the entire acreage either acquired or being acquired. The acreage will be divided to show Fee Owned, Public Lands (Public Domain and Lands transferred from other Government Agencies), Leased, and Lesser Interests. If an installation is part Industrial and part Command, the acreages of these parts similarly broken down will be reflected in "Remarks." State, County or municipally owned lands will not be shown as Public Lands.
- E. PART II will reflect information as to areas which have been placed in a "Standby," "Inactive," "Excess," or "Surplus" status. A separate line will be used for each report of status, but subsequent withdrawals or adjustments affecting an area will be reflected by net figures with an explanation under "Remarks." The date will be that on which the Appropriate Authority approved the status. A symbol P or E will be used to denote whether the area is a Portion of or the Entire installation. The acreage will be divided as explained in PART I above, but will cover only the actual area or areas involved, the nature or use of the area will be reflected under "Nature of facilities." i. e. Housing Area, Warehouse Area, Modification Center No. 2, POW Camp, etc. and if the installation is comprised of both command and industrial portions the Symbol I (Industrial) or C (Command) will be used to indicate to which portion the area belongs. The cost of both land and construction will be shown under "Cost to Government." If the Corps of Engineers assumed custody the date will be shown, otherwise "NO" will be entered in the last column.
- F. PART III will reflect management of disposal actions taken in connection with areas listed under PART II. The reference column will indicate the area by referring to the line on which it is listed under PART II (A, B, C, etc.) and the appropriate column (1), (2), (3), or (4). No areas or portions of areas which were listed separately in PART II will be combined in a single line under PART III; however,

- it may be necessary to use several lines under PART III to reflect separate actions taken in connection with an area listed on a single line under PART II. The latter occurrence will be explained under "Remarks" and if necessary a further division of acreage rented.
- (1) TEMPORARY USE GRANTS will be reported by cumulative figures showing the number of instruments, acres involved and annual consideration. When right of entry has been given but a formal instrument not executed and delivered it will be reported "In process" with appropriate footnote under "Remarks" including date right of entry granted. After delivery of the instrument it will be reported "granted." "Purpose" will reflect type of interest Le for Lease, Li for License and the proposed use of the area, such as agriculture, industrial, etc. Elaboration where necessary will be made under "Remarks."
- (2) REPORTS TO WAA OR GSA will include only property formally reported by Forms SPB-3, SPA-3, WAA 1005, or GSA Form 30 for disposal but will not include leases reported for clearance purposes only. The following will be recorded: date of report, name of disposal agency designated, and the date disposal agency designated. (In case of Declaration of Surplus to WAA and its predecessor agencies, the date of designation of disposal agencies need not be recorded unless readily available.) Disposition column will be utilized (a) to reflect assumption of custody by the disposal agency by recording the symbol "CT" followed by the date of assumption, or (b) to refer to further disposal actions recorded in subsequent portions of the report where the CE is designated disposal agency or is acting under special direction of GSA. The symbol "TR" will refer to "Transfer to other Government Agencies." The symbol "LC" will refer to "Lease Cancellations." The symbol "OD" will refer to "Other Disposals."
- (3) TRANSFERS TO OTHER GOVERNMENT AGENCIES will include transfer, re-transfer, or relinquishment of all types of interests or estates to another Government Agency not acting as a disposal agency. If property has been reported to GSA and so recorded under "Reported to WAA or GSA" the entry in the reference column will be preceded by the symbol "R." Entries in the second, third, and fourth columns will be made from information or informational copies of documents received from OCE, except when leases are transferred at the direction of GSA Field Offices. The date restoration or building disposal (if required) is completed will be shown, otherwise the entry "none" will be made. The last column will reflect the date of written acceptance either from a field or departmental level with appropriate notation in "Remarks."
- (4) LEASE CANCELLATIONS will include all excess or surplus leases which have been canceled or are proposed for cancellation. If leases have been formally reported for disposal to GSA (GSA Form 30), entry in the "Reference" column will be preceded by the symbol "R" and no entry will be made in "Reported to GSA" column. If leases have been reported to GSA (GSA Form 30) for clearance purposes only, the symbol "R" will not be placed in the "Reference" column and the date they were "Reported to GSA" for clearance will be recorded. An explanatory entry, reflecting disposal status, reasons for delay and expected termination date, will be made in "Remarks" for any lease that has been in an excess status for a period of 90 days or longer.
- (5) OTHER DISPOSALS will include sales, termination of special contracts involving interests in realty, disposal of easements, etc. Entries most nearly applicable to the circumstances will be recorded with an explanation in "Remarks" to explain unusual actions. If the property has been formally reported to GSA (by GSA Form 30) the symbol "R" will precede the entry in the "Reference" column.

REMARKS

PART II

<u>REF</u>	<u>AUTHORITY</u>	<u>P.L</u>	<u>COST TO GOVT</u>
A-2	WN 3213	640 ac	\$4,500.00

PART III

RETRANSFER TO OTHER GOV'T AGENCY

A-2	Implied transfer relinquished to Dept of Interior 11/1/48	640 ac	4,500.00
-----	---	--------	----------

NOTE: Letter dated 11/1/48 relinquished Public Land to Dept of Interior. As there is no record for the use of the land by Dept of the Air Force no official assumption of custody, by the Dept of Interior, will be effected.

COPY

602 Victorville Precision Bombing Range,  
California, ENGLT

1 November 1948

Director,  
Bureau of Land Management  
Department of the Interior,  
Washington, D. C.

Dear Sir:

Reference is made to Public Land Order No. 125, dated 27 May 1943, authorizing the use by this Department of certain public lands in the State of California for bombing targets for use in connection with Victorville Airfield, California.

Bombing targets 1, 5, 10, 11, 12, 13, 14 and 18, covered by Public Land Order 125, are no longer required by this Department and it is recommended that action be taken to cancel Public Land Order 125 insofar as applicable to these bombing targets. The lands used for the bombing targets are more particularly described in the inclosed Exhibit A.

Bombing targets 16, 20, Y & Z, also described in Exhibit A, are no longer required by this Department, and the use of these lands is hereby relinquished. These targets were apparently used by this Department under informal arrangements with your Department since no records of a permit or Public Land Order can be located.

All of the aforementioned bombing targets have been dedudded and have been certified to be free and clear of explosives or explosive objects reasonably possible to detect by visual inspection. Copies of the dedudding certificates are inclosed and designated as Exhibits F, G, H, and I.

Government improvements placed on the property consisted of concentric rings of light oil penetration, frame butts and appurtenances, fences and gates. All removable improvements have been removed. The light oil rings will be obliterated by weather action and no restoration work is deemed necessary by this Department.

Your cooperation in making these lands available is appreciated.

FOR THE CHIEF OF ENGINEERS:

Sincerely yours,

1 Inclosures  
Exhibits A thru J

W. H. HASTINGS  
Colonel, Corps of Engineers  
Assistant Chief of Engineers for Real Estate

CY FOR SPD ENGR

COPY

CERTIFICATE OF CLEARANCE  
VICTORVILLE BOMBING TARGETS NOS. 3, 7, 10, 11, 12, 13, 14, 16, 17, 19, AND 20

22 March 1948

This is to certify that the areas known as Victorville Bombing Targets Nos. 3, 7, 10, 11, 12, 13, 14, 16, 17, 19 and 20, as shown on Real Estate Map of Victorville Army Air Force Bombing Ranges, Drawing No. 65-PP, were completely dudded during the period from 20 October 1947 to 24 January 1948.

2360 dud practice bombs M38-A2 and 32 dud flare bombs, aircraft parachute M26, were found and destroyed during the course of the dudding.

To the best of our knowledge and belief, the entire area covered by these 11 bombing targets is clear of all explosive or dangerous material and the land is safe for the purpose of grazing, mining or other agricultural purposes.

*E. C. Hedrick*  
E. C. HEDRICK  
Engineer, Civil  
Los Angeles District

JOSEPH P. SARRATO  
1st Lt., C. E.  
9800th TSU-GE Det. #14  
Bomb & Shell Disposal Team  
Commanding

ORDNANCE AND EXPLOSIVES  
ARCHIVES SEARCH REPORT  
FOR  
VICTORVILLE  
PRECISION BOMBING RANGE #16  
SAN BERNARDINO COUNTY, CALIFORNIA  
PROJECT NUMBER J09CA068201

**APPENDIX F**

**LETTERS/MEMORANDUMS/MISCELLANEOUS ITEMS**

## APPENDIX F

### LETTERS/MEMORANDUMS/MISCELLANEOUS ITEMS

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- F-2 Historical and Cultural Resources letter,  
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- F-3 Soils Data, 17 November 1997 (B-12)
- F-4 Construction and Erection of Corner Reflectors on  
Coyote Lake, May 1945 (B-13)
- F-5 Declaration of Lands Being Surplus/Excess to Use of  
the Command, October-December 1945 (B-14)
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- F-8 Removal of Scrap from Ranges, 6 August 1947 (B-17)
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4 February 1948 (B-19)
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# United States Department of the Interior

## FISH AND WILDLIFE SERVICE

Ventura Fish and Wildlife Office  
2493 Portola Road, Suite B  
Ventura, California 93003

December 19, 1997

Director  
Defense Ammunition Center  
Attn: SIOAC-ESL (R.Hale)  
3700 Army Depot Road  
Savanna, Illinois 61074-9639

Subject: Species List for the Former Victorville Precision Bombing Range, San Bernardino County, California

Dear Mr. Hale:

This letter is in response to the Department of the Army's (DOA) request, dated November 10, 1997 and received by us on November 17, 1997, for information on listed, proposed, and candidate species that may occur in the vicinity of the former Victorville Precision Bombing Range in San Bernardino County, California. The Army's Defense Ammunition Center is assisting the U.S. Army Corps of Engineers in assessing formerly used defense sites for potential contamination by ordnance and explosives.

The threatened desert tortoise (*Gopherus agassizii*) occurs in the vicinity of the Victorville Precision Bombing Range. Critical habitat for the desert tortoise has been designated and portions of the bombing range occur within the Ord-Rodman critical habitat unit. No species proposed for listing or candidate species occur within the area of the bombing range.

This letter fulfills the requirements of the U.S. Fish and Wildlife Service (Service) under section 7(c) of the Endangered Species Act of 1973, as amended (Act). If the subject project may affect a listed species, the DOA has the responsibility to prepare a biological assessment if the project is a construction project which may require an environmental impact statement<sup>1/</sup>. If a biological assessment is not required, the DOA still has the responsibility to review its proposed activities and determine whether the listed species will be affected.

During the assessment or review process, the DOA may engage in planning efforts, but may not make any irreversible commitment of resources. Such a commitment could constitute a violation of section 7(d) of the Act. If a threatened or endangered species may be affected, the DOA should request, in writing through our office, consultation pursuant to section 7 of the Act.

Richard Hale

2

Informal consultation may be used to exchange information and resolve conflicts with respect to threatened or endangered species prior to a written request for formal consultation.

Should you have any questions, please contact Denise Washick of my staff at (805) 644-1766.

Sincerely,



Diane K. Noda  
Field Supervisor

---

<sup>1/</sup> "Construction Project" means any major Federal action which significantly affects the quality of the human environment designed primarily to result in the building or erection of man-made structures such as dams, buildings, roads, pipelines, channels and the like. This includes Federal actions such as permits, grants, licenses, or other forms of Federal authorizations or approval which may result in construction.

CALIFORNIA  
ARCHAEOLOGICAL  
INVENTORY



ARCHAEOLOGICAL INFORMATION CENTER  
San Bernardino County Museum  
2024 Orange Tree Lane  
Redlands, California 92374  
(909) 792-1497  
(909) 798-8585 - FAX

11 November 1997

Larry Dauphin, SIOAC-ESL  
Defense Ammunition Center  
3700 Army Depot Road  
Savanna, IL 61074-9639

Dear Mr. Dauphin,

Here is your record search for the formerly used defense sites in order of request. I checked the whole sections of all the areas even if your mapped APE did not cover it so that you would have a better idea of any cultural resources nearby. For a complete bibliography listed by NADB numbers, see the enclosed bibliography.

1) PBR N-3/PBR #44 USGS Hinkley 7.5' Quad

There are no recorded sites within T10N R3W Sec 8, however, there are two reports covering that area numbered NADB 1061035 & 1061479 in the bibliography. There are many prehistoric sites in the vicinity including Black & Inscription Canyon Rock Art District which is currently being nominated to the National Register.

2) PBR #3 USGS Fairview Valley 7.5' Quad

There are two lithic reduction sites in T6N R2W Sec 27, 28, 33, 34 designated SBR-2132 & SBR-2135. There are no reports recorded within the project area.

3) PBR #4 USGS Apple Valley South & Fifteenmile Valley 7.5' Quads

There are no recorded sites in T4N R2W Sec 5, 6, 7, 8. Two reports, 1060629 & 1062515, are inside the APE and four reports, 1060240, 1060900, 1060901 & 1062158, skirt the SE corner of Sec 8.

4) PBR #5 USGS West Ord Mtn 7.5' Quad (APE is not on USGS Stoddard Well)

There are no sites and no survey reports for T6N R1W Sec 4.

5) PBR #6 USGS Lucerne Valley & White Horse Mtn 7.5' Quads

There are no sites recorded For T5N R1W Sec 22, 23, 26, 27. One pipeline report, 1060046, passes through the APE.

6) PBR #9 USGS Fry Mtn & Grandview Mine 7.5' Quads

There are no sites and no surveys recorded for T5N R2E Sec 2, 3 & T6N R2E Sec 34, 35.

7) PBR #10 USGS Old Woman Springs 7.5' Quad

There is one lithic scatter, SBR-1883, and no reports recorded in the T4N R2E Sec 1, 12 & T4N R3E Sec 6, 7.

8) PBR #11 USGS Fry Mtn & Iron Ridge 7.5' Quads

There is one isolate on the Fry Mtn Quad and three isolates on the Iron Ridge Quad. All are flakes. Two reports cross the APE, 1060240 & 1063065.

- 9) PBR #12 USGS Melville Lake 7.5' Quad  
There are no sites recorded for T4N R4E Sec 5 & T5N R4E Sec 32, however, there are two reports, 1062257 & 1060956.
- 10) PBR #14 USGS Galway Lake & Iron Ridge 7.5' Quads  
There are no recorded sites in T6N R5E Sec 30, however, there is rock art recorded in the vicinity. Two reports, 1060701 & 1062257, are in the APE.
- 11) PBR #15 USGS Emerson Lake & Melville Lake 7.5' Quads  
There are no sites or surveys within T4N R5E Sec 30, 31. Report 1062257 is adjacent to the APE on the west.
- 12) PBR #16 USGS Emerson Lake & Melville Lake 7.5' Quads  
There are no sites in T4N R5E Sec 6 & T5N R5E Sec 31. There is one report, 1060956, on the Emerson Lake Quad.
- 13) PBR #19 USGS Joshua Tree North 7.5' Quad  
There is one pending military site dead center of T2N R6E Sec 26, 27 designated P1031-1H. A pending site is one that has not been formally recorded, but we have some information on. One report, 1061724, is in the APE.

None of these areas has been well surveyed, however, I noted "abandoned target" on some of the maps within the APE. Also, you might check the old George AFB records (previously known as Victorville Army Airfield) for more information. Someone talked to my father-in-law last year about some of the areas. He was stationed there in 1945-7.

If you have any further questions, please, call me at (909) 792-1497 Tuesday through Friday between 8 AM & 4 PM. Have a great day!

Sincerely,



Robin E. Laska  
Acting Coordinator

CA-SBR-3822 (4), CA-SBR-3819 (4), CA-SBR-3312 (4), CA-SBR-3813 (4),  
80-1.4A (7)

Document No.: 1060901  
WEIL, EDWARD B.

Unpublished Report

1980 PREHISTORIC CULTURAL RESOURCE INVESTIGATIONS FOR THE LUCERNE VALLEY  
PROJECT, SAN BERNARDINO COUNTY, CALIFORNIA. CALIFORNIA STATE UNIVERSITY  
DOMINGUEZ HILLS. SUBMITTED TO SOUTHERN CALIFORNIA EDISON COMPANY.  
UNPUBLISHED REPORT ON FILE AT S.B. CO. MUSEUM, 2024 ORANGE TREE LANE,  
REDLANDS, CA 92374.

Last Update: 04/05/89

Cataloged by: WRO-CA-03 on 01/17/89

Keywords: PREHISTORIC (1), HISTORIC (1), ARCHAEOLOGICAL SURVEY REPORT (1),  
CULTURAL HISTORY (1), ENVIRONMENTAL OVERVIEW (1), LITHIC SCATTER (1),  
ROCKSHELTERS (1), MINING SITE (1), VILLAGES (1), HOUSE PITS (1), FIRE  
HEARTHES (1), BURIALS (1), CREMATIONS (1), ROCK ART (1), PETROGLYPHS (1),  
DAM (1), RESIDENTIAL FOUNDATION (1), STONE WALL (1), TRAILS (1), BEDROCK  
SLICK (1), FOOD PROCESSING SITES (1), PINTO (2), FLAKED LITHICS (3),  
JASPER (3), CHALCEDONY (3), RHYOLITE (3), QUARTZITE (3), CHERT (3),  
OBSIDIAN (3), BASALT (3), QUARTZ (3), QUARTZ CRYSTAL (3), SHELL BEADS (3),  
POTTERY (3), GROUND STONE (3), PROJECTILE POINTS (3), BASKETRY (3), TINNED  
CANS (3), GLASS BOTTLES (3), METAL NAILS (3), WOODEN CRATES (3), MOJAVE  
DESERT (4), LUCERNE LAKE (4), RABBIT LAKE (4), MOJAVE RIVER (4), USGS  
APPLE VALLEY SOUTH 7.5' QUAD (4), USGS FIFTEENMILE VALLEY 7.5' QUAD (4),  
USGS SILVERWOOD LAKE 7.5' QUAD (4), USGS HESPERIA 7.5' QUAD (4), USGS  
LUCERNE VALLEY 7.5' QUAD (4), USGS COUGAR BUTTES 7.5' QUAD (4), USGS  
RODMAN MOUNTAINS 15' QUAD (4), USGS ORD MOUNTAINS 15' QUAD (4), USGS  
DAGGETT 15' QUAD (4), USGS OLD WOMAN SPRINGS 15' QUAD (4), CA-SBR-3843  
(4), CA-SBR-3844 (4), CA-SBR-3845 (4), CA-SBR-3812 (4), CA-SBR-3813 (4),  
CA-SBR-945 (4), CA-SBR-3684 (4), CA-SBR-3783 (4), CA-SBR-3811 (4),  
CA-SBR-3823 (4), CA-SBR-3822H (4), CA-SBR-179 (4), CA-SBR-3685 (4),  
CA-SBR-3686/H (4), CA-SBR-3687/H (4), CA-SBR-3780 (4), CA-SBR-3853 (4),  
CA-SBR-3781 (4), CA-SBR-3782 (4), CA-SBR-2204 (4), CA-SBR-3720 (4),  
CA-SBR-1460 (4), CA-SBR-178 (4), CA-SBR-3819 (4), CA-SBR-3849 (4),  
CA-SBR-3850 (4), CA-SBR-3814 (4), CA-SBR-3785 (4), CA-SBR-2868 (4),  
CA-SBR-2869 (4), CA-SBR-3816 (4), CA-SBR-3815 (4), CA-SBR-2870 (4),  
CA-SBR-3820 (4), CA-SBR-2868 (4), 80-1.4B (7)

Document No.: 1060956  
SUTTON, MARK Q.

Unpublished Report

1980 CULTURAL ASSESSMENT OF USGS SEISMIC TEST LOCATIONS. MARK Q. SUTTON.  
SUBMITTED TO BUREAU OF LAND MANAGEMENT - BARSTOW OFFICE. UNPUBLISHED  
REPORT ON FILE AT S.B. CO. MUSEUM, 2024 ORANGE TREE LANE, REDLANDS, CA  
92374.

Last Update: 01/19/89

Cataloged by: WRO-CA-03 on 01/19/89

Keywords: PREHISTORIC (1), ARCHAEOLOGICAL RECONNAISSANCE REPORT (1), LITHIC  
QUARRY (1), MOJAVE DESERT (4), USGS COUGAR BUTTES 7.5' QUAD (4), USGS  
RODMAN MOUNTAIN 15' QUAD (4), USGS EMERSON LAKE 15' QUAD (4), USGS OLD  
WOMAN SPRINGS 15' QUAD (4), CA-SBR-426 (4), 80-5.3 (7)

Document No.: 1061035  
SUTTON, MARK Q.

Unpublished Report

1980 HARPER LAKE FENCE. MARK Q. SUTTON. SUBMITTED TO BUREAU OF LAND  
MANAGEMENT - BARSTOW OFFICE. UNPUBLISHED REPORT ON FILE AT S.B. CO.  
MUSEUM, 2024 ORANGE TREE LANE, REDLANDS, CA 92374.

Last Update: 02/22/89

Cataloged by: WRO-CA-03 on 02/22/89

Keywords: PREHISTORIC (1), ARCHAEOLOGICAL RECONNAISSANCE REPORT (1), MOJAVE

PROJECTILE POINTS (3), HAMMERSTONES (3), QUARTZITE (3), CHERT (3),  
OBSIDIAN (3), BASALT (3), AGATE (3), QUARTZ (3), POTTERY (3), GROUND STONE  
(3), GRANITE (3), MOJAVE DESERT (4), RABBIT LAKE (4), TRANSVERSE RANGES  
(4), SAN BERNARDINO MOUNTAINS (4), CA-SBR-3843 (4), CA-SBR-3844 (4),  
CA-SBR-3845 (4), CA-SBR-3784 (4), CA-SBR-3785 (4), CA-SBR-3433 (4),  
CA-SBR-3434 (4), CA-SBR-3435 (4), CA-SBR-3780 (4), CA-SBR-3781 (4),  
CA-SBR-3782 (4), CA-SBR-181 (4), CA-SBR-3783 (4), CA-SBR-6190 (4),  
CA-SBR-2592 (4), CA-SBR-1922 (4), CA-SBR-3849 (4), CA-SBR-3850 (4),  
CA-SBR-3851 (4), CA-SBR-3697 (4), CA-SBR-3698 (4), CA-SBR-2208 (4),  
P1322-4 (4), P1334-15 (4), P1334-16 (4), PSBR-15 (4), USGS MINNEOLA 7.5'  
QUAD (4), USGS LANDERS 7.5' QUAD (4), USGS YUCCA VALLEY NORTH 7.5' QUAD  
(4), USGS COUGAR BUTTES 7.5' QUAD (4), USGS LUCERNE VALLEY 7.5' QUAD (4),  
USGS FIFTEENMILE VALLEY 7.5' QUAD (4), USGS APPLE VALLEY SOUTH 7.5' QUAD  
(4), USGS HESPERIA 7.5' QUAD (4), USGS SILVERWOOD LAKE 7.5' QUAD (4), USGS  
CAJON 7.5' QUAD (4), USGS ORD MOUNTAINS 15' QUAD (4), USGS RODMAN  
MOUNTAINS 15' QUAD (4), USGS OLD WOMAN SPRINGS 15' QUAD (4), 74-6.1 (7)

Document No.: 1062257

Unpublished Report

BUREAU OF LAND MANAGEMENT

1978 ARCHAEOLOGICAL SITES OF THE CALIFORNIA DESERT AREA (CALICO, KRAMER,  
STODDARD, JOHNSON, MORONGO, TWENTYNINE PALMS) TRANSECT FORMS. UNKNOWN.  
SUBMITTED TO BUREAU OF LAND MANAGEMENT. UNPUBLISHED REPORT ON FILE AT  
S.B. CO. MUSEUM, 2024 ORANGE TREE LANE, REDLANDS, CA 92374.

Last Update: 11/02/91

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Keywords: PREHISTORIC (1), HISTORIC (1), ARCHAEOLOGICAL RECONNAISSANCE  
REPORT (1), LITHIC SCATTERS (1), CAMPSITES (1), MINING SITES (1), STONE  
CIRCLES (1), STONE ALIGNMENTS (1), LITHIC REDUCTION SITES (1), QUARTZ  
QUARRY (1), STONE CAIRNS (1), QUARTZITE QUARRY (1), FIRE HEARTHS (1),  
HOMESTEADING SITES (1), MILLING SLICK (1), BEDROCK MORTAR (1), FLAKED  
LITHICS (3), POTTERY (3), BASALT (3), QUARTZITE (3), QUARTZ (3), CHERT  
(3), PROJECTILE POINTS (3), CHALCEDONY (3), WOODEN POLES (3), GROUND STONE  
(3), MOJAVE DESERT (4), DALE LAKE (4), EMERSON LAKE (4), MELVILLE LAKE  
(4), ORD MOUNTAINS (4), SUPERIOR LAKE (4), COYOTE LAKE (4), BULLION  
MOUNTAINS (4), MOJAVE RIVER (4), COYOTE LAKE (4), SAN BERNARDINO MOUNTAINS  
(4), USGS DALE LAKE 15' QUAD (4), USGS EMERSON LAKE 15' QUAD (4), USGS OLD  
WOMAN SPRINGS 15' QUAD (4), USGS LAVIC 15' QUAD (4), USGS RODMAN MOUNTAINS  
15' QUAD (4), USGS VALLEY MOUNTAIN 15' QUAD (4), USGS ORD MOUNTAINS 15'  
QUAD (4), USGS OPAL MOUNTAIN 15' QUAD (4), USGS PILOT KNOB 15' QUAD (4),  
USGS ALVORD MOUNTAIN 15' QUAD (4), USGS NEWBERRY 15' QUAD (4), USGS  
GOLDSTONE LAKE 15' QUAD (4), USGS VICTORVILLE 15' QUAD (4), USGS HAWES 15'  
QUAD (4), USGS KRAMER 15' QUAD (4), USGS BARSTOW 15' QUAD (4), USGS  
DAGGETT 15' QUAD (4), USGS LAKE MOUNTAIN 15' QUAD (4), USGS LUCERNE VALLEY  
15' QUAD (4), USGS MORONGO VALLEY 15' QUAD (4), USGS EMERSON LAKE 7.5'  
QUAD (4), USGS MELVILLE LAKE 7.5' QUAD (4), USGS GALWAY LAKE 7.5' QUAD  
(4), USGS TROY LAKE 7.5' QUAD (4), USGS GOLDSTONE 7.5' QUAD (4), USGS EAST  
OF GOLDSTONE 7.5' QUAD (4), USGS VICTORVILLE NW 7.5' QUAD (4), USGS ASTLEY  
RANCHO 7.5' QUAD (4), USGS RED BUTTES 7.5' QUAD (4), USGS WILD CROSSING  
7.5' QUAD (4), USGS BARSTOW SE 7.5' QUAD (4), USGS STODDARD WELL 7.5' QUAD  
(4), USGS LANDERS 7.5' QUAD (4), USGS VALLEY MOUNTAIN 7.5' QUAD (4), USGS  
MANIX 7.5' QUAD (4), USGS HARVARD HILL 7.5' QUAD (4), USGS DAGGETT 7.5'  
QUAD (4), USGS HODGE 7.5' QUAD (4), USGS HELEDALE 7.5' QUAD (4), USGS  
LAKE ARROWHEAD 7.5' QUAD (4), USGS FAIRVIEW VALLEY 7.5' QUAD (4), USGS  
SILVER BELL MINE 7.5' QUAD (4), USGS APPLE VALLEY SOUTH 7.5' QUAD (4),  
USGS BIGHORN CANYON 7.5' QUAD (4), USGS BIG BEAR CITY 7.5' QUAD (4), USGS  
COUGAR BUTTE 7.5' QUAD (4), USGS RATTLESNAKE CANYON 7.5' QUAD (4), USGS  
ONYX PEAK 7.5' QUAD (4), REFUSE DISPOSAL SITES (1), CA-SBR-3304 (4),

CA-SBR-3305H (4), CA-SBR-146 (4), CA-SBR-3329H (4), CA-SBR-3320 (4),  
CA-SBR-3321 (4), CA-SBR-3323 (4), CA-SBR-3324 (4), CA-SBR-3306 (4),  
CA-SBR-3307 (4), CA-SBR-3309 (4), CA-SBR-3310 (4), CA-SBR-3311 (4),  
CA-SBR-3312 (4), CA-SBR-3313 (4), CA-SBR-3314 (4), CA-SBR-3395 (4),  
CA-SBR-3384 (4), CA-SBR-3385 (4), CA-SBR-3387 (4), CA-SBR-3389 (4),  
CA-SBR-3390 (4), CA-SBR-3391 (4), CA-SBR-3393 (4), CA-SBR-3394 (4),  
CA-SBR-3376 (4), CA-SBR-3377 (4), CA-SBR-3379 (4), CA-SBR-3380 (4),  
CA-SBR-3381 (4), CA-SBR-3357 (4), CA-SBR-3361 (4), CA-SBR-3363 (4),  
CA-SBR-3364 (4), CA-SBR-3366 (4), CA-SBR-3368 (4), CA-SBR-3370 (4),  
CA-SBR-3371 (4), CA-SBR-3372 (4), CA-SBR-3373 (4), CA-SBR-3374 (4),  
CA-SBR-3375 (4), CA-SBR-3674 (4), CA-SBR-3405H (4), CA-SBR-3423 (4),  
CA-SBR-3424 (4), CA-SBR-3425 (4), CA-SBR-3426 (4), CA-SBR-2131 (4),  
CA-SBR-3332 (4), CA-SBR-3333 (4), CA-SBR-3334 (4), CA-SBR-3335 (4),  
CA-SBR-3336 (4), CA-SBR-3337 (4), CA-SBR-3338 (4), CA-SBR-3339 (4),  
CA-SBR-3340 (4), CA-SBR-3341 (4), CA-SBR-3301 (4), CA-SBR-3291 (4),  
CA-SBR-3292 (4), CA-SBR-3293 (4), CA-SBR-3294 (4), CA-SBR-3295 (4),  
CA-SBR-3296 (4), CA-SBR-3298 (4), CA-SBR-3299 (4), CA-SBR-3303 (4),  
CA-SBR-3343 (4), CA-SBR-3345 (4), CA-SBR-3346 (4), CA-SBR-3348 (4),  
CA-SBR-3349 (4), CA-SBR-3350 (4), CA-SBR-3351 (4), CA-SBR-3352 (4),  
CA-SBR-3353 (4), CA-SBR-3354 (4), CA-SBR-3355 (4), CA-SBR-3356 (4),  
CA-SBR-3382 (4), CA-SBR-3383 (4), CA-SBR-3401H (4), CA-SBR-3403 (4),  
CA-SBR-3410H (4), CA-SBR-3411H (4), CA-SBR-3412 (4), CA-SBR-3413 (4),  
CA-SBR-3300 (4), CA-SBR-3404 (4), CA-SBR-3408 (4), CA-SBR-3419H (4),  
P207-30 (4), 78-0.13 (7)

Document No.: 1062515

Unpublished Report

LERCH, MICHAEL K.

1992 CLASS III CULTURAL RESOURCES INVENTORY OF THE MORONGO BASIN PIPELINE  
PROJECT, HESPERIA TO LANDERS, SAN BERNARDINO COUNTY, CALIFORNIA.

MICHAEL K. LERCH & ASSOCIATES. SUBMITTED TO TOM DODSON & ASSOCIATES.

UNPUBLISHED REPORT ON FILE AT S.B. CO. MUSEUM, 2024 ORANGE TREE LANE,  
REDLANDS, CA 92374.

Last Update: 05/22/92

Cataloged by: WRO-CA-03 on 05/22/92

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REPORT (1), FIRE HEARTH (1), HOMESTEADING SITE (1), STRUCTURAL SITE (1),  
CAMPSITES (1), FOOD PROCESSING SITE (1), PROJECTILE POINT (3), FLAKED  
LITHICS (3), QUARTZITE (3), GROUND STONE (3), MOJAVE DESERT (4), MOJAVE  
RIVER (4), CA-SBR-3849 (4), CA-SBR-7070 (4), CA-SBR-7071/H (4),  
CA-SBR-7072H (4), USGS SILVERWOOD LAKE 7.5' QUAD (4), USGS HESPERIA 7.5'  
QUAD (4), USGS APPLE VALLEY SOUTH 7.5' QUAD (4), USGS FIFTEENMILE VALLEY  
7.5' QUAD (4), USGS LUCERNE VALLEY 7.5' QUAD (4), USGS COUGAR BUTTES 7.5'  
QUAD (4), USGS OLD WOMAN SPRINGS 7.5' QUAD (4), USGS RATTLESNAKE CANYON  
7.5' QUAD (4), USGS BIGHORN CANYON 7.5' QUAD (4), USGS LANDERS 7.5' QUAD  
(4), USGS YUCCA VALLEY NORTH 7.5' QUAD (4), 92-2.16 (7)

Document No.: 1063065

Unpublished Report

GACS, UTE D.

1978 ARCHIVAL ETHNOLOGICAL INVESTIGATION IN CONJUNCTION WITH SOUTHERN  
CALIFORNIA EDISON'S PROPOSED NEW PLANT AT LUCERNE VALLEY, CA. U.D.

GACS. SUBMITTED TO SCE. UNPUBLISHED REPORT ON FILE AT S.B. CO. MUSEUM,  
2024 ORANGE TREE LANE, REDLANDS, CA 92374.

Last Update: 10/25/95

Cataloged by: WRO-CA-03 on 10/25/95

Keywords: ARCHIVAL STUDY (1), 0 ACRES (4), MOJAVE DESERT (4), USGS FRY  
MOUNTAINS 7.5' QUAD (4), USGS IRON RIDGE 7.5' QUAD (4), PREHISTORIC (5),  
SERRANO (5)



United States  
Department of  
Agriculture

Natural  
Resources  
Conservation  
Service

18484 Highway 18, Suite 195  
Apple Valley, California 92307  
(760) 242-2906 ♦ Fax: (760) 242-0203

1/10. +4

November 17, 1997

Mr. Larry M. Daupin  
Director, DAC  
3700 Army Depot Road  
Savanna, IL 61074-9639

Dear Mr. Daupin:

In response to your FAX requesting soils and aerial photography information for various PBR's I have enclosed individual map sheets and soils data for each. You were correct in that PBR's N-3, 3, 4, 5, and 6 are within the Mojave River Area Soil Survey which was issued in February 1986. I have enclosed the map sheets and soils descriptions for each of the soils within the PBR.

For the other PBR's, we do not have detailed soils data. The soils information for PBR's, nos. 9, 10, 11, 12, 14, 15, 16, and 19 was obtained from the General Soils Report of the Southwestern Desert Area of San Bernardino County, which was issued in June of 1970. Please keep in mind that the soils information from this survey is for general planning purposes and is not site specific. I've attached narrative soils descriptions for each of the PBR's noted on the soil survey map sheet for the General Soils Report.

As for aerial photography, we do have some photos which are infrared photos. These do not photocopy very well and I can not lend these photos out. However, you may want to contact the Mojave Desert RCD who has a color scanner which may be able to scan these photos for you at a nominal cost. Please contact Jackie Lindgren, District Coordinator, to find out cost information for scanning these photos.

Should you have any additional questions please do not hesitate to call me.

Sincerely,

Rick Aguayo  
District Conservationist

Enclosures

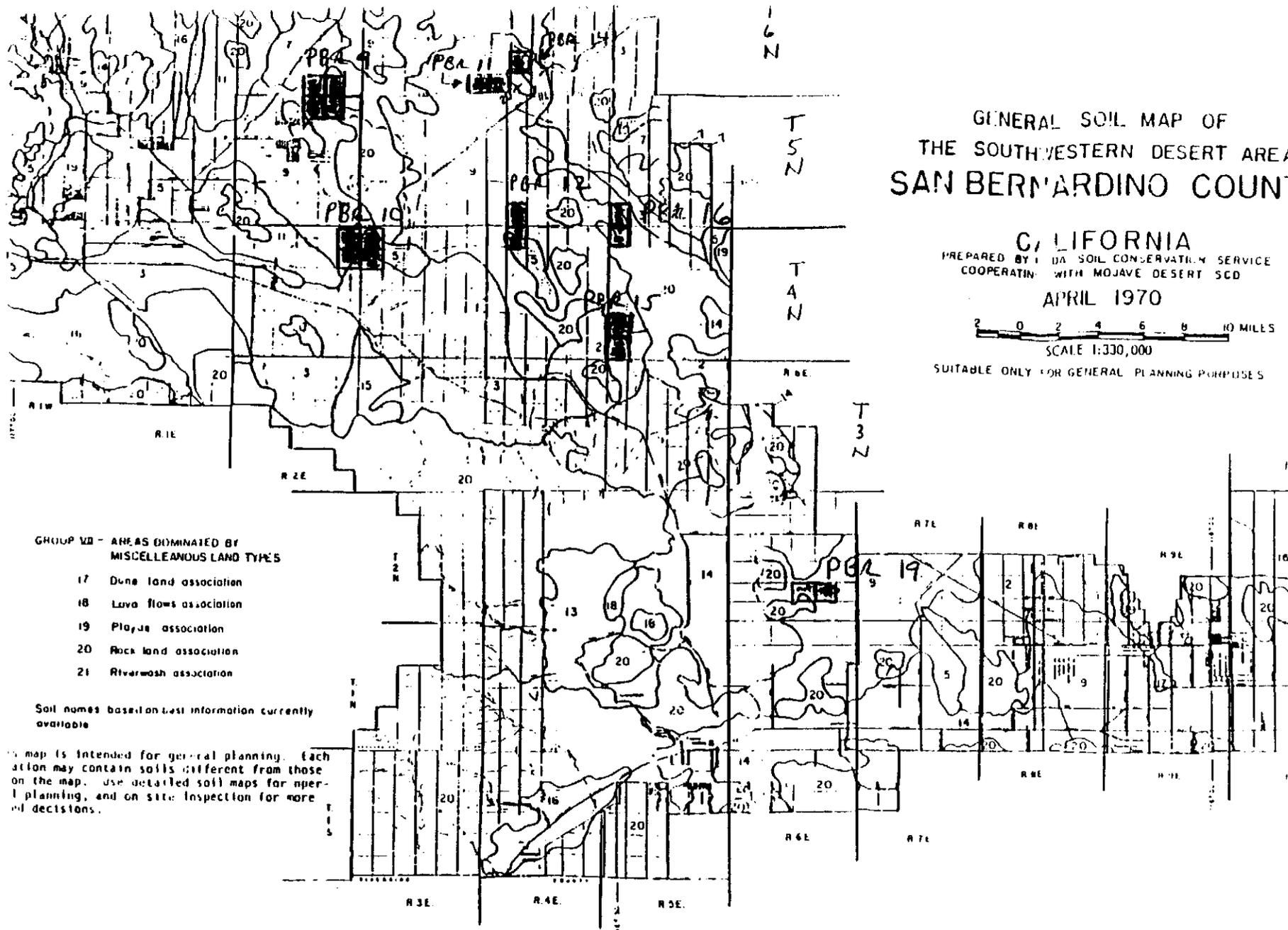
# GENERAL SOIL MAP OF THE SOUTHWESTERN DESERT AREA SAN BERNARDINO COUNTY

CALIFORNIA  
PREPARED BY USDA SOIL CONSERVATION SERVICE  
COOPERATING WITH MOJAVE DESERT SCD

APRIL 1970

2 0 2 4 6 8 10 MILES  
SCALE 1:330,000

SUITABLE ONLY FOR GENERAL PLANNING PURPOSES



## GROUP VII - AREAS DOMINATED BY MISCELLANEOUS LAND TYPES

- 17 Dune land association
- 18 Lava flows association
- 19 Playa association
- 20 Rock land association
- 21 Riverwash association

Soil names based on best information currently available

This map is intended for general planning. Each section may contain soils different from those on the map. Use detailed soil maps for general planning, and on site inspection for more detailed decisions.

is 67° F., and the frost-free season is 180 to 260 days. This association comprises about 12 percent of the Desert Area.

Adelanto soils make up about 75 percent and Hesperia soils about 20 percent of the association. Adelanto-Mohave association and Mohave-Adelanto variants association comprise about 5 percent.

Adelanto soils have brown, massive, soft, moderately alkaline, loamy coarse sand surface soils and brown, blocky, hard, moderately alkaline, sandy loam subsoils. Hesperia soils have light brownish gray, massive, slightly hard, mildly alkaline, sandy loam surface soils and light brownish gray, massive, slightly hard, moderately alkaline, calcareous, sandy loam subsoils. These soils overlie brown and brownish yellow, massive, slightly hard, calcareous, moderately alkaline, sandy loam substrata.

These soils are used mainly for recreation and wildlife. In limited areas where irrigation water has been developed, pasture, field crops, and row crops are being grown. Limited grazing in some areas is possible when there is sufficient rainfall to produce forage. Urban expansion is taking place on these soils in some areas near Kramer Junction.

Group IV - Areas dominated by soils that have restricted depth.

~~Mohave-Adelanto variants association on soil 5 percent slopes~~

This association consists of well drained, moderately slowly permeable, sandy loams, moderately deep to deep to caliche, developed in stratified clay loam alluvium. The soils are on nearly level to strongly sloping terraces on slopes of 0 to 15 percent. Vegetation consists mostly of desert shrubs, annual forbs, and grasses. Elevations range from 2,000 to about 4,000 feet. Mean annual precipitation is 3 to 7 inches, mean annual air temperature is 66° F., and the frost-free season is 220 to 300 days. This association comprises about 16 percent of the Desert Area.

Mohave variant soils make up about 45 percent and Adelanto variant soils about 35 percent of the association. Sunrise (10 percent) and Cajon and Arizo (10 percent) soils comprise the remaining 20 percent.

Mohave variant soils have brown, platy, soft, mildly alkaline, sandy loam surface soils and reddish brown, prismatic, very hard, slightly acid, sandy clay loam subsoils. Adelanto variant soils have brown, granular, soft, moderately alkaline, sandy loam surface soils and reddish brown, blocky, slightly hard, moderately alkaline, sandy loam subsoils. These

soils overlie grayish brown, massive, very hard and extremely hard, moderately alkaline, calcareous, clay loam (caliche) substrata.

These soils are used mainly for recreation, urban, and wildlife. Limited grazing in some areas is possible when there is sufficient rainfall to produce forage. Urban uses are rapidly expanding around Adelanto, Apple Valley, Barstow, Hesperia, and Victorville.

10 Mohave variant-Sunrise association, 0 to 15 percent slopes.

This association consists of moderately well drained and well drained, moderately slowly permeable, loamy fine sands, shallow to deep to caliche. The soils are developed in stratified clay loam and fine sandy loam alluvium and caliche. These nearly level to strongly sloping soils are on terraces. Slopes are 0 to 15 percent. Vegetation consists mostly of desert shrubs, forbs, and occasional grasses. Elevations range from 1,800 to about 3,800 feet. Mean annual precipitation is 3 to 7 inches, mean annual air temperature is 66° F., and the frost-free season is 220 to 300 days. This association comprises about 6 percent of the Desert Area.

Mohave variant soils make up about 45 percent and Sunrise soils about 40 percent of the association. Adelanto (10 percent) and Cajon and Arizo (5 percent) soils comprise the remaining 15 percent.

Mohave variant soils have brown, platy, soft, mildly alkaline, loamy fine sand surface soils and reddish brown, prismatic, hard, slightly acid, sandy clay loam subsoils. Sunrise soils have light brownish gray, platy, slightly hard, moderately alkaline, strongly calcareous, loamy fine sand surface soils and light brownish gray, blocky, hard, moderately alkaline, strongly calcareous, sandy loam subsoils. These soils overlie grayish brown and brown, massive, very hard, moderately alkaline and strongly alkaline, calcareous, stratified clay loam and fine sandy loam (caliche) substrata.

These soils are used mainly for range, urban, and wildlife. Limited grazing in some areas is possible when there is sufficient rainfall to produce forage. Urban uses are rapidly expanding around Adelanto, Apple Valley, Barstow, and Victorville.

VICTORVILLE ARMY AIR FIELD  
VICTORVILLE, CALIFORNIA

135870

13 May 1945

**SUBJECT:** Construction and Erection of Corner Reflectors on Coyote Lake.

**TO:** Post Engineers, VAAF, Victorville, California.

1. Request that twenty (20) Corner Reflectors be constructed and installed on Bombing Target No. 12 in accordance with the following instructions.
2. Each four corner reflector assembly will consist of the following structures made of 2" x 4" wood framing and covered with screening. Fig. 1.

1 Square base	11' 3" x 11' 3"
1-45° Triangular frame	16' x 11' 4" x 11' 4"
1-45° Triangular frame	11' 4" x 8" x 8"
1-45° Triangular frame	11' 1" x 7' 10" x 7' x 10"

3. These triangles are mounted on the base so as to be perpendicular to the base with the plane of the triangles falling along the diagonals of the base; thus forming a pyramidal structure having four inside corners each consisting of three (3) mutually perpendicular planes. Fig. 2.
4. It is important that the angles between the three mutually perpendicular planes of a corner reflectors be as exact as possible. Theoretically these angles should be 90° plus or minus 0° 0'. This tolerance is higher than that obtainable with the construction materials available. However, utmost care should be taken to keep the tolerance on these angles as low as possible.
5. The finished four corner reflector will be given a coat of paint preferably international orange. They will be mounted on a 2" x 4" frame-work such that the base of the pyramid will be tilted at an angle of 20° with the surface of the ground. Fig. 3.
6. The arrangement of the corner reflectors will be at regular intervals around the circumference of a circle of 1000 ft. radius, making the spacing between reflectors approximately 314'. The orientation of the corner reflectors about the circle and the direction of tilt is indicated in Fig. 4.

DECLASSIFIED  
By SP-10 NARA Date 2/1/87

**Ltjr V. L. Construction & Erection of Corner Reflectors on Cayote Lake,  
17 May 1945**

7. It is requested that this project be completed as soon as possible, inasmuch as this radar target is required in order to comply with directives to this station regarding grouping of tanks by radar.

For the Director of Training and Operations:

**JULI S. GIFFORD,  
Major, Air Corps,  
Administrative Assistant,  
Training and Operations.**

**SECRET**

MEMORANDUM FOR THE RECORD

1. Forwarded herewith is A.F.M.C. Form 8-35 covering construction of twenty corner reflectors on Bombing Target No. 12, V.I.I.A.F.

100075

2. The construction of the corner reflectors at the earliest possible date is essential to the proper training of all personnel assigned this station for near training.
3. The site proposed, Bombing Target No. 12 is at present being used for a target area and is cleared for such use.
4. I certify that the work requested complies with the provisions of Paragraph 3 of A.F.M.C. Form 10-4, that a military necessity exists for the construction, that all items are restricted to the barest essentials and operational requirements, and that no other facilities can be available.

W. J. [Name],  
Colonel, Air Corps  
Contracting Officer

- 5. Incls: (1) Form 8-35
- Incl 1 [unclear] Form 8-35
- Incl 2 [unclear] certification
- Incl 3 Assembly plans of corner reflectors, fig. 1
- Incl 4 Layout plan, fig. 2
- Incl 5 Site plan

*Copy of [unclear] 600.1 (Victorville AAF, Ca. (H))  
CMM-135875*

**SECRET**

DECLASSIFIED  
DATE 01/17/86  
BY SP-6 NARA Date 7/1/97

# SECRET

MEMORANDUM

TO :

FROM :

SUBJECT: Project Estimate # 1 and Form 4-25, Request No. 243, Victorville Army Air Field, California, Calif. 44-10000-10000

The following information is being furnished to you for information, Pacific Building, Fort Worth, Texas.

1. Project Estimate # 1 and Form 4-25, Request No. 243, Victorville Army Air Field, for construction and erection of twenty (20) corner reflectors of design Target No. 12 and necessary survey for orientating and locating the reflectors, is forwarded with approval recommended as an estimate cost of \$150,000.

2. It is essential that targets of the type specified be provided in order to meet requirements of the latest war training standard for radar observers (subelement), which requires the dropping of bombs for the completion of training.

3. Only one target installation is being requested for Victorville Army Air Field at the present time. Targets similar in design to the one requested herein have been built and are being used satisfactorily by the Second Air Force. However, it is believed advisable to thoroughly test this design in the Victorville vicinity before a project request is submitted for the full complement of targets needed at that station.

RAUL H. ...  
Major General, U.S.A.  
Commanding.

1. Radio  
Victorville Army Air Field

200.1

and Inc.

ES

Headquarters, 2nd Training Command, Fort Worth 2, Texas 15 Jun 1945

TO: Commanding General, Army Air Corps, Washington 25, D. C.  
and THE: Office of the Air Communications Officer

1. Reference is made to preceding endorsement.

2. Recommend approval of the project as requested and request that necessary funds be allocated for the accomplishment thereof.

1. Radio  
2/5

Major General, U.S.A.  
Deputy Chief of Staff

# SECRET

DECLASSIFIED  
Authority *NNA 9117556*  
BY *HC* NARA Date *2/12/97*

**SECRET**

135875

**SUBJECT: Construction of Radar Target, Victorville Army Air Field, California.**

**AFDLN 3A/5**

**3rd Ind.**

**Hq Army Air Forces, Washington 25, D. C.**

**TO: The Chief of Engineers.**

1. This headquarters approves and requests that arrangements be made for the construction and erection of twenty (20) corner reflectors at Bombing Target No. 12, Victorville Army Air Field, California, as described in preceding correspondence and inclosures.

2. It is requested that ESA Project Account 210 series funds be made available to the station for accomplishment of the work by the Post Engineer.

**FOR THE COMMANDING GENERAL:**

5 Incls.  
n/c

*Encl # 2 - trip in (YMS)*

DECLASSIFIED  
Authority: *MMN 0117006*  
BY: *AC* WAPA Date: *2/1/87*

**SECRET**

OE 600.1 (Victorville AAF., Calif.) (17 May 45) SPENT  
CN: 138875

*4th Ind*

Office, Chief of Engineers, 31 July 1945

TO: The Division Engineer, Pacific Division, SAN FRANCISCO, CALIFORNIA

The preceding correspondence is forwarded for information relative to construction and erection of twenty (20) corner reflectors at Bombing Target No. 12, Victorville Army Air Field, California, as authorized by Directive Consecutive No. SA 28787.

BY ORDER OF THE CHIEF OF ENGINEERS:

**CUT-OFF AS OF 31 DECEMBER 1945**

*Originals  
to all  
Jules  
8/12*

- 5 Encls
- 1. WD 180 Pn 5-25 (trip)
- 2. Ltr Justification (dup)
- 3. Assembly Plans of Corner Reflection, Fig. 3 (trip)
- 4. Layout Plan, Fig. 4 (trip)
- 5. Site Plan (trip)

J. A. BONES  
Major, Corps of Engineers  
Chief, Western Sector Operations  
Command Construction Division

*J.A.B.*

1396096  
REGISTERED MAIL

JUL 31 1945

JUL 25 1945

*548581-100*

**SECRET**

**INDIVIDUAL PROJECT ESTIMATE - REPAIRS AND UTILITIES**

DATE **17 M**  
 FISCAL YR. **1945**

POST	POST REQUEST NO.	SER. COM. SERIAL NO.	SER. COM. REQ. NO.	FEATURE ACCT. NO.
Victorville Army Air Field Victorville, California	243			632-20-261

1. PROJECT DESCRIPTION (ATTACH PLANS, SPECIFICATIONS, MAPS, PHOTOGRAPHS, ETC.)

Construction and erection of twenty (20) corner reflectors at Bombing Target No. 12, including necessary surveys for orienting and locating the reflectors.

2. PROJECT JUSTIFICATION

Reference is made to attached letter from Office of Director of Training and Operations, stating that this type of target is necessary for proper and adequate training in Radar bomb technique and practice.

3. GOVERNMENT-OWNED FACILITIES DATA

DESIGNATION Bombing Target No. 12	PRESENT ESTIMATED VALUATION ---	PRESENT USE Bombing Target Area
--------------------------------------	------------------------------------	------------------------------------

4. LEASED FACILITIES DATA

LOCATION	OCCUPIED BY
LEASE NO.	ANNUAL RENTAL
MAINTENANCE RESPONSIBILITIES <input type="checkbox"/> GOVERNMENT <input type="checkbox"/> LESSOR	
TOTAL AMOUNT OF CERTIFICATES OF NECESSITY ISSUED TO DATE	

5. ESTIMATED TIME TO COMPLETE PROJECT

	MATERIALS AND EQUIPMENT	LABOR	TOTAL
ESTIMATED TOTAL COST OF PROJECT PER PAR. 7A (SEE REVERSE SIDE)	\$ 750.00	\$ 730.00	\$ 1,480.00
LESS VALUE OF PAR. 7B (SEE REVERSE SIDE)	\$ <del>-----</del>	\$ <del>-----</del>	\$ <del>-----</del>
TOTAL ADDITIONAL FUNDS REQUIRED TO COMPLETE PROJECT	\$ 750.00	\$ 730.00	\$ 1,480.00

I HEREBY CERTIFY THAT THE PROJECT IS ESSENTIAL TO THE WAR EFFORT

SUBMITTED BY <i>John C. Richter</i> DATE 17 May 1945 JOHN C. RICHTER, MAJOR, CE. POST ENGINEER.	APPROVED BY <i>Earl C. Kellum</i> DATE 17 May 1945 EARL C. KELLUM, CAPTAIN, COL. POST COMMANDER.
--	---

7. ITEMIZED ESTIMATE: THIS ESTIMATE MUST INCLUDE THE TOTAL QUANTITIES AND COST OF ALL MATERIALS, INSTALLED EQUIPMENT AND LABOR NECESSARY FOR THE COMPLETION OF THE PROJECT

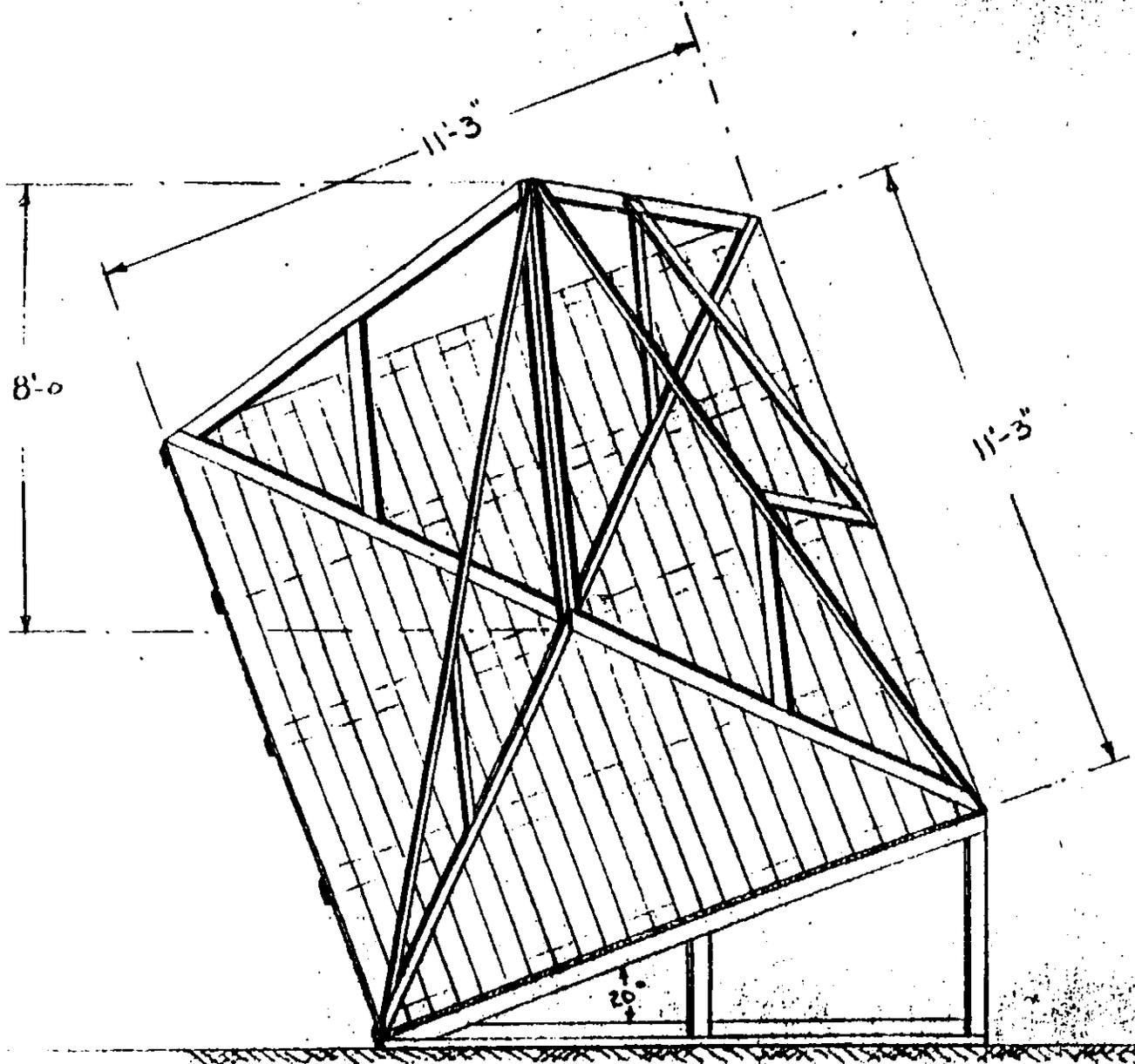
DESCRIPTION OF ITEMS	A- TOTAL ESTIMATED COST OF THE PROJECT					B- ESTIMATED COST OF MATERIALS, INSTALLED EQUIPMENT AND LABOR ON HAND OR AVAILABLE FOR WHICH FUNDS ARE NOT REQUESTED (INCLUDED IN A)				
	MATERIALS AND EQUIPMENT				LABOR	MATERIALS AND EQUIPMENT				LABOR
	UNIT	QUANTITY	UNIT COST	ITEM COST		UNIT	QUANTITY	UNIT COST	ITEM COST	
Lumber, D.F., Comm., 2x4, 2" x 4"	FBM	3600	.07	252.00	180.00					
Lumber, D.F., Comm., 2x4, 1" x 8"	FBM	1600	.07	112.00	80.00					
Screen, Wire, woven	Sq.Ft.	9000	.06	300.00	200.00					
Staples for wire screen, small	Lb.	100	.10	10.00						
Nails, Wire, Common, 8d	Lb.	100	.06	6.00						
Surveys & Locating Targets	Lump				200.00					
				\$680.00	\$660.00					
Subtotals				70.00	70.00					
Contingencies, 10%										
<b>TOTAL</b>				<b>\$750.00</b>	<b>\$730.00</b>					

8. REMARKS (SEE ATTACHED SHEET PREPARED BY POST ENGINEER)

The work will be done by purchase and hire under the supervision of the Post Engineer.

Fig 3

FIG. No 3



135875

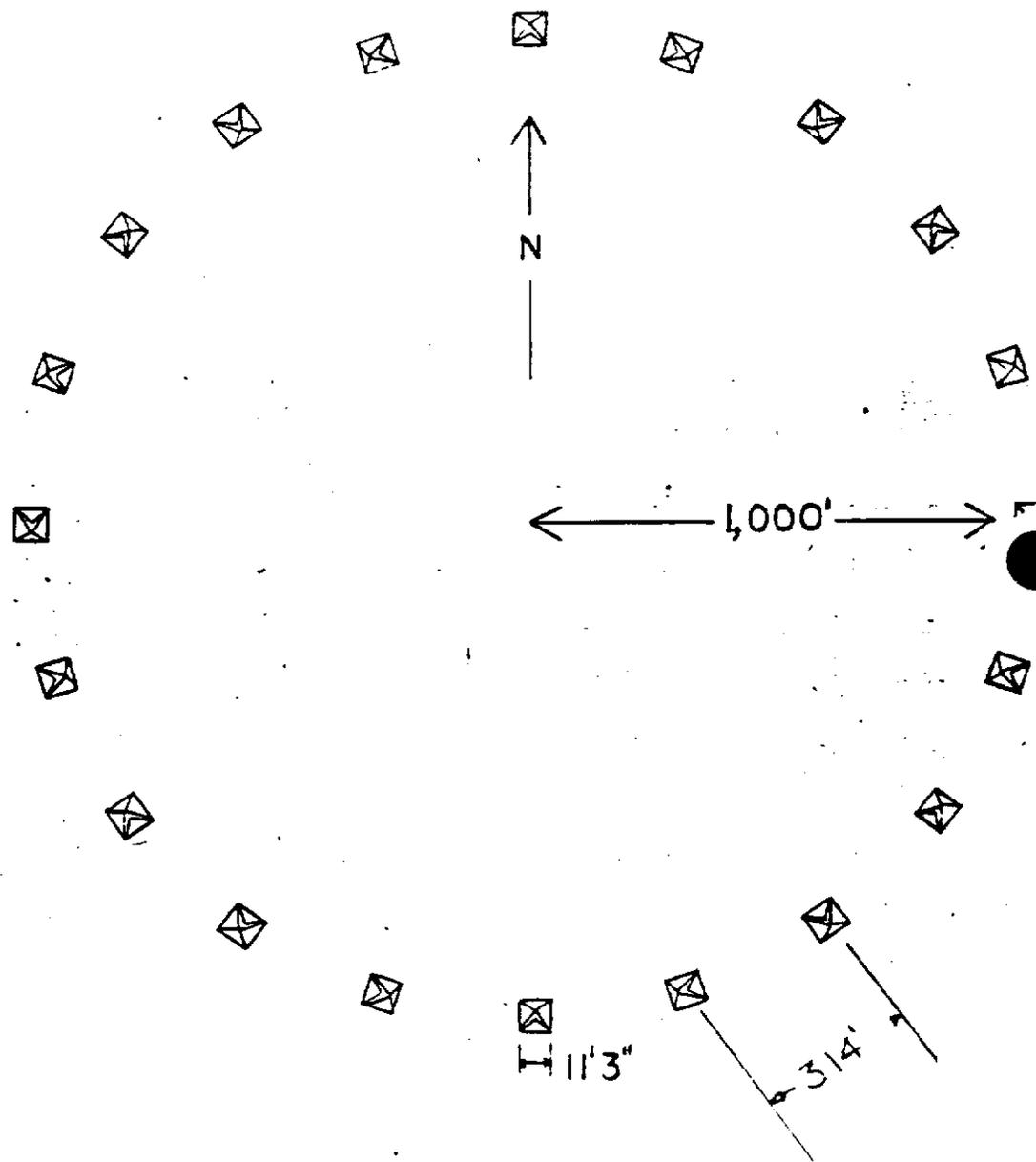
135875  
135875  
135875

F-4

ASSEMBLY DRG. CORNER REFLECTOR

FIGURE ●

135875 1000



Incl 4<sup>5-</sup>

C O N F I D E N T I A LAIR MAIL

HEADQUARTERS  
 ARMY AIR FORCES WESTERN FLYING TRAINING COMMAND  
 1104 West Eighth Street, Santa Ana, California

AGC 13H-LG-NMB

AG S/R 686.2  
 (Victoville)

6 Oct 45

SUBJECT:

TO: COMMANDING GENERAL, AAF Training Command, Texas and Pacific Building,  
 Fort Worth 2, Texas.

In compliance with Section IV, AAF Reg. 85-3, 12 May 45, The Bombing Target Sites attached to Victorville Army Air field, Victorville, California, are declared to be of no further use to the needs of this Command. The following information is submitted in accordance with Section IV, Paragraph 11, AAF Reg. 85-3.

- a. Victorville AAF Bombing Target Sites
- b. See Schedule (Incl. #1) inclosed.
- c. See Schedule (Incl. #1) inclosed.
- d. Outline of targets was bladed on target site locations.
- e. Outline of targets in fair condition.
- f. Target Sites used for bombardier Training.
- g.
- h. None
- i. None, except those provided for in the leases, such as the 30-day notice to be submitted before termination and the restriction requiring use of the site by the Government for military purposes while under lease.
- j. Targets No. 18 and 19 were made available for use by the Fourth Air Force.
- k.

For the Commanding OFFICER:

FRED D. HALL,  
 Maj, AC  
 Acg Asst Adjutant General.

2 Incls

- Incl 1 - Schedule (trip)  
 2 - Dwg V-4 (trip)

C O N F I D E N T I A L

F-5

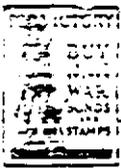
Incl 6

SCHEDULE OF VICTORVILLE AAF BOMBING TARGET SITES

Target No.	Location		Distance from Home Field	Ownership		Description of Land
	Lat.	Long.		Approx.	Acres	
2	34° 32' 30"	117° 09'	12 mi. east	200	Public Domain	Sec 12, T5N, R3W, SBB&M
				440	Govt Owned	
3	34° 34' 30"	117° 05'	16 mi. east	80	Public Domain	Portion of Sec 27, 28, 33 & 34
				560	Govt Owned	T6N, R2W, SBB&M
4	34° 27' 30"	117° 07' 30"	16 mi. S.E.	640	Govt Owned	Portions of Sec 5, 6, 7 & 8
						T4N, R2W, SBB&M
5	34° 38' 30"	116° 59'	21 mi. E.	640	Public Owned	Sec 4, T6N, R1W, SBB&M
7	34° 33'	116° 52' 30"	28 mi. E.	240	Public Domain	Portions of Sec 3, 4, 9 & 10
				400	Govt Owned	T5N, R1E, SBB&M
10	34° 27' 30"	116° 42' 30"	38 mi. E.S.E.	640	Public Domain	Portions of Sec 1, 6, 7, & 12
						T4N, R2E, SBB&M
11	34° 34'	116° 37' 30"	42 mi. E.	320	Public Domain	E-1/2 Sec 35
				320	(Lease No 1	W-1/2 Sec 36
					WO4-193-eng-5327	(T6N, R3E, SBB&M
					(\$9.60 per annum)	
12	34° 28' 30"	116° 35'	45 mi. E.	640	Public Domain	N-1/2 Sec 5, T4N, R4E
						S-1/2 Sec 32, T5N, R4E (SBB&M
13	34° 22' 30"	116° 36'	45 mi. E.S.E.	640	Public Domain	Sec 6, T3N, R4E, SBB&M
14	34° 35'	116° 30'	49 mi. E.	640	Public Domain	Sec 30, T6N, R5E, SBB&M
17	34° 24' 30"	116° 22' 30"	57 mi. E.S.E.	640	Public Domain	Sec 29, T4N, R6E, SBB&M
18	34° 19' 30"	116° 18'	61 mi. E.S.E.	640	Public Domain	Portion of Sec 25 & 25, T3N, R6E
						Portion of Sec 19 & 30, T3N, R7E
						all in SBB&M
19	34° 13' 30"	116° 20'	63 mi. E.S.E.	320	Public Domain	E-1/2 Sec 27
				320	Govt Owned	(T2N, R6E, SBB&M
N-1	34° 59'	117° 05'	32 mi. N.E.	640	Public Domain	W-1/2 Sec 26
						Sec 4, T10N, R2W, SBB&M
	35° 04'	117° 09'	35 mi. E.	640	Public Domain	Sec 11, T11N, R2W, SBB&M
	34° 58'	117° 13'	28 mi. N.E.	640	Public Domain	Sec 8, T10N, R3W, SBB&M

By KAN NARA Date 11/10/77

REPRODUCED AT THE NATIONAL ARCHIVES



HEADQUARTERS  
SAN BERNARDINO AIR TECHNICAL SERVICE COMMAND

SBCON2A/CEB/TV

IN REPLY REFER TO:

SAN BERNARDINO ARMY AIR FIELD, CALIFORNIA.

SBATSC 601.53

DEC 7 1945

SUBJECT: Declaration as Excess, Auxiliary Installations of Victorville  
Army Air Field, Victorville, California

TO: Commanding General  
Air Technical Service Command  
Wright Field, Dayton, Ohio  
ATTN: Air Installations Division, TSCON

1. In accordance with War Department Circulars No. 89, dated 20 March 1945, and No. 326, dated 25 October 1945, the auxiliary installations of Victorville Army Air Field, Victorville, California, consisting of a. Auxiliary Landing Fields, b. Bombing Targets, c. Demolition Targets, d. Mirage Lake Glider School, all as described below, are no longer required and are declared excess to the needs of this Command. It is requested that appropriate action be taken to dispose of the Government-owned facilities, to cancel all pertinent leases and transfers and to restore the original premises to the respective lessors or to the Public Domain.

a. Auxiliary Landing Fields: (Regional Map VAAF File No. 256, revised 8 March 1945, inclosure No. 1).

- (1) Field No. 1, located approximately 2 1/2 miles North of VAAF in T 10 N, R 5 W, SB B&M, comprising 640 acres Public Domain; Government-owned facilities include 4 field mix surfaced runways, 3 buildings and 4 miles of 4-strand barbed wire fence.
- (2) Field No. 2, located 15 miles North of VAAF in T 9 N, R 4 W, SB B&M, comprising 640 acres in fee; Government-owned facilities include 4 field mix surfaced runways, 3 buildings, skeet range, and 4 miles of 4-strand barbed wire fence.
- (3) Field No. 3, located 11 miles West of VAAF in T 6 N, R 7 W, SB B&M, comprising 640 acres in fee; Government-owned facilities include 4 field mix surfaced runways, 3 buildings and 4 miles of 4-strand barbed wire fence.

Classification cancelled by authority Army, Dept. Chief of Staff  
G-8 WDOR, Memorandum WDORCT 331 (3 Jan 44) dated 3 January 1945

~~RESTRICTED~~

WATSON, JEREMY, II, Col. GSC  
Operations & Liaison Division

24 Jan 1945

RE 4754  
114513

~~CONFIDENTIAL~~

Basic: Ltr fr SBATSC to CG, ATSC, 60L53, Subj: "Declaration as Excess, Auxiliary Installations of Victorville Army Air Field, Victorville, California". (Cont'd)

- (4) Field No. 4, located 16 miles West of VAAF in T 6 N, R 8 W, SB B&M, comprising 640 acres leased land, (Lease No. W 868-Eng-2070, State of California, Lessor); Government-owned facilities, 4 field mix surfaced runways, 4 miles of 4-strand barbed wire fence and 2 small buildings installed by Marine Corps.

b. Bombing Targets: (Regional Map VAAF File No. 256, revised 8 March 1945, inclosure No. 1).

- (1) Target No. 1, located 8 miles East of VAAF in T 6 N, R 3 W, SB B&M, comprising 160 acres, Lease No. W 04-193-Eng-2623 (expired), Lessor, Carrie Kyles.
- (2) Target No. 2, located 12 miles East of VAAF, T 5 N, R 3 W, SB B&M, comprising 640 acres, 440 acres in fee and 200 acres Public Domain; Government-owned facilities include field mix surfacing, portable power shed, target frame and 1 mile of 2-strand barbed wire fence.
- (3) Target No. 3, located 16 miles East of VAAF in T 6 N, R 2 W, SB B&M, comprising 640 acres, 560 acres in fee and 80 acres Public Domain; Government-owned facilities are the same as Target No. 2.
- (4) Target No. 4, located 16 miles East of VAAF in T 4 N, R 2 W, SB B&M, comprising 640 acres in fee; Government-owned facilities are the same as Target No. 2.
- (5) Target No. 5, located 21 miles East of VAAF in T 6 N, R 1 W, SB B&M, comprising 691.96 acres Public Domain; Government-owned facilities are the same as Target No. 2.
- (6) Target No. 6, located 16 miles East of VAAF in T 5 N, R 1 W, SB B&M, comprising 640 acres, 240 acres in fee, 320 acres Public Domain, 80 acres surplus, Lease No. W 04-193-Eng-5550, Lessor, William Bruce Young.
- (7) Target No. 7, located 23 miles East of VAAF in T 5 N, R 1 E, SB B&M, comprising 640 acres, 400 acres in fee, 240 acres Public Domain; Government-owned facilities are the same as Target No. 2.

Classification controlled by authority Acty. Asst. Chief of Staff,  
G-3 WDGR, Memorandum WDPCT 331 (3 Jan 54) dated 3 January 1954  
*Grayson-Bellamy*  
GRAYSON-BELLMY, Lt. Col. GSC  
Compassive & Liaison Division, WDPCT

RE4754

24 Jan 1946

~~RESTRICTED~~

Basic: Ltr fr SBATSC to CG, ATSC, 601.53, Subj: "Declaration as Excess, Auxiliary Installations of Victorville Army Air Field, Victorville, California". (Cont'd)

- (8) Target No. 8, located 29 miles Southeast of VAAF in T 4 N, R 1 E, SB B&M, comprising 640 acres Public Domain; Government-owned facilities include 3 circular areas surfaced with field mix.
- (9) Target No. 9, located 34 miles East of VAAF in T 5 & 6 N, R 2 E, SB B&M, comprising 657.28 acres Public Domain.
- (10) Target No. 10, located 36 miles Southeast of VAAF in T 4 N, R 2 & 3 E, SB B&M, comprising 649.54 acres Public Domain; Government-owned facilities are the same as Target No. 2.
- (11) Target No. 11, located 42 miles East of VAAF in T 6 N, R 3 E, SB B&M, comprising 640 acres, 320 acres Public Domain and 320 acres leased--Lease No. W 04-193-Eng-5327, Lessor, State of California; Government-owned facilities are the same as Target No. 2.
- (12) Target No. 12, located 45 miles East of VAAF in T 4 & 5 N, R 4 E, SB B&M, comprising 617.12 acres Public Domain; Government-owned facilities are the same as Target No. 2.
- (13) Target No. 13, located 45 miles Southeast of VAAF in T 3 N, R 4 E, SB B&M, comprising 636.30 acres Public Domain; Government-owned facilities are the same as Target No. 2.
- (14) Target No. 14, located 49 miles East of VAAF in T 6 N, R 5 E, SB B&M, comprising 640.46 acres Public Domain; Government-owned facilities are the same as Target No. 2.
- (15) Target No. 15, located 51 miles Southeast of VAAF in T 4 N, R 5 E, SB B&M, comprising 640 acres Public Domain (surplus).
- (16) Target No. 16, located 50 miles East-Southeast of VAAF in T 4 & 5 N, R 5 E, SB B&M, comprising 640 acres Public Domain; Government-owned facilities same as Target No. 2.

Classification controlled by authority Actg. Asst. Chief of Staff  
CG WDGS, Memorandum WDCGT 331 (3 Jan 44) dated 3 January 1946

WALTER H. HADLEY, Lt. Col., GSC  
Legislative & Liaison Division, WDGS

Reproduced from the holdings of the National Archives  
Pacific Region, Laguna Niguel Office

~~RESTRICTED~~

Basic: Ltr fr SBATSC to CG, AECG, 601.53, Subj: "Declaration as Excess, Auxiliary Installations of Victorville Army Air Field, Victorville, California". (Cont'd)

- (17) Target No. 17, located 57 miles Southeast of VAAF in T 4 N, R 6 E, SB B&M, comprising 640 acres Public Domain; Government-owned facilities same as Target No. 2.
- (18) Target No. 18, located 61 miles Southeast of VAAF in T 3 N, R 6 & 7 E, SB B&M, comprising 627.42 acres Public Domain; Government-owned facilities same as Target No. 2.
- (19) Target No. 19, located 55 miles Southeast of VAAF in T 2 N, R 6 E, SB B&M, comprising 640 acres, 320 acres in fee and 320 acres Public Domain; Government-owned facilities include field mix surfaced targets, a frame target and 1 mile of 2-strand barbed wire fence.
- (20) Target No. 20, located 55 miles Southeast of VAAF in T 3 N, R 5 E, SB B&M, comprising 640 acres Public Domain; Government-owned facilities same as Target No. 2.
- (21) Target N-1, located 28 miles North of VAAF in T 10 N, R 2 W, SB B&M, comprising 644.75 acres Public Domain; Government-owned facilities are the same as Target No. 2.
- (22) Target N-2, located 33 miles North of VAAF in T 11 N, R 3 W, SB B&M, comprising 640 acres Public Domain; Government-owned facilities are the same as Target No. 2.
- (23) Target N-3, located 26 miles North of VAAF in T 10 N, R 3 W, SB B&M, comprising 640 acres Public Domain; Government-owned facilities are the same as Target No. 2.

c. Demolition Targets: (Regional Map VAAF File No. 256, revised 8 March 1945, Inclosure No. 1).

- (1) Target "Y", located 50 miles Southeast of VAAF in T 4 N, R 4 E and R 5 E, SB B&M, comprising 2240 acres Public Domain.

Classification controlled by authority Actg. Asst. Chief of Staff,  
G-3 WJUS, memorandum WDJ-2 331 (3 Jan 44) dated 3 January 1944

~~RESTRICTED~~

*James H. ...*  
L. COL. G-3  
Executive & Liaison Division, WJUS

240 1944

~~CONFIDENTIAL~~

Basic: Ltr fr SBATSC to CG, ATSC, 501.53, Subj: "Declaration as Excess, Auxiliary Installations of Victorville Army Air Field, Victorville, California". (Cont'd)

- (2) Target "Y", located 45 miles Southeast of VAAF in T 4 N, R 4 E, SB B&M, comprising 1250 acres.
- (3) Target "Z", located 50 miles East of VAAF in T 5 N, R 4 E, SB B&M, comprising 2,762.95 acres Public Domain and 1449.12 acres leased--Lease No. W 04-193-Eng-4536, Lessor, Southern Pacific Land Company.

d. Miraze Lake Glider School, (OCE Drawing No. 147-P, dated 27 September 1945, inclosure No. 2), located 10 to 13 miles West of VAAF in T 6 & 7 N, R 7 W, SB B&M, comprising 1,936.91 acres, 1,292.72 acres Public Domain and 644.19 acres leased. Tract Register with list of leases is shown on drawing. There is no Government construction.

2. The following pertinent information concerning said auxiliary installations of VAAF is submitted.

a. Location: The auxiliary installations are located in San Bernardino County, California, except Landing Field No. 4 which is located in Los Angeles County; all are within a 63 mile radius of VAAF which is located 6 miles Northwest of Victorville, California.

b. Description: All auxiliary facilities are described in the preceding paragraph 1.

c. Use: On inactive status.

d. Recommendations: It is recommended that both the land and facilities be declared surplus and that the appropriate Division Engineer be directed to take over necessary accountability and protection of the above installations if no other governmental agency has use for the property.

e. Degree of Readiness: Not applicable.

f. Use by Other Army or Federal Agencies: It is not known whether any other Army or Federal agencies have use for all or any portion of these auxiliary installations.

g. Date Available: Immediately.

h. Contractual Commitments: None known to this Headquarters except those provided for in the leases.

Classification controlled by authority Army, Asst. Chief of Staff,  
G-3 WDGA, Memorandum WDGA 221 (3 Jan 44) dated 7 January 1946

BRAYSON YEADLEY, Lt. Col., GSC  
Supervisor & Liaison Division, WDGA

24 Jan 1946

~~CONFIDENTIAL~~

Basic: Ltr fr SBATSC to CG, ATSC, 601.53, Subj: "Declaration as Excess, Auxiliary Installations of Victorville Army Air Field, Victorville, California". (Cont'd)

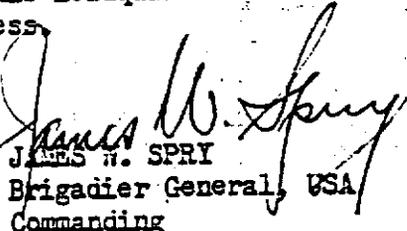
i. Auxiliary Facilities: As described in preceding paragraph 1.

j. Commitments to Other Army or Federal Agencies: Records of the Air Installations Office, SBATSC, disclose no commitments to other Army or Federal agencies.

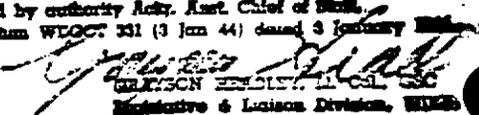
k. Necessity for Service Detachment: Not applicable.

3. It is requested that this declaration of excess be processed as soon as practicable in order that appropriate directives may be published authorizing the Division Engineer to take over disposal of the property.

4. It is further requested that this Headquarters be advised of action taken on this declaration of excess.

  
JAMES W. SPRI  
Brigadier General, USA  
Commanding

- 2 Incls.
- Incl 1 - Regional Map VAAF 256 (in dup).
- Incl 2 - OCE Dwg 147-F (in dup).

Authorization amended by authority Acty. Asst. Chief of Staff,  
GAS WDCR. Memorandum WDOCT 331 (3 Jan 44) dated 3 January 1944  
  
WILSON WILSON, Lt. Col., USA  
Executive & Liaison Division, WDCR

24 Jan 1944

~~CONFIDENTIAL~~

RE 4754

~~RESTRICTED~~

IMMEDIATE ACTION

RECEIVED  
APPROVED FOR RELEASE

207  
80

Basic: Ltr frm SBATSC to CG, ATSC dtd 7 Dec 45, subj: "Declaration as Excess, Auxiliary Installations of Victorville Army Air Field, Victorville, California"

1st Ind

TSCON6/JAG/jn

HQ ATSC Wright Field, Dayton, Ohio

DEC 26 1945

TO: Commanding General, Army Air Forces, Washington 25, D. C., ATTN: Office, Assistant Chief of Air Staff-4, Air Installations Division

1. This Headquarters approves request contained in preceding basic communication to the effect that the auxiliary installations of Victorville Army Air Field, Victorville, California, consisting of auxiliary landing fields, bombing targets, demolition targets, and the Mirage Lake Glider School, as specifically described therein, be declared excess to the needs of Air Technical Service Command, effective 7 December 1945.

2. It is noted that certain auxiliary landing fields to Victorville Army Air Base were declared excess to the needs of the Army Air Forces to the Commanding General, Army Service Forces, under date of 3 November 1945. This correspondence is forwarded to insure that the balance of the auxiliary facilities described in the basic communication be declared excess to the needs of this Command.

3. Information in accordance with paragraph 12a, War Department Circular No. 89, dated 20 March 1945, and paragraphs 10 and 11, AAF Regulation No. 85-3, dated 12 May 1945, is submitted in basic letter.

4. It is requested that this Headquarters be advised of the action taken in this matter.

FOR THE COMMANDING GENERAL:

*Kurt H. ...*  
JOHN G. GRIGGS  
Colonel, Air Corps  
Chief, Air Installations Division

2 Incls-n/c  
(1 cy ea Incl w/d)

cc: Division Engineer  
Pacific Division

Classification controlled by authority Acty. Sect. Chief of Staff, G-3 WDCB, Memorandum WDCB 331 (3 Jan 44) dated 3 February 1946

*James ...*  
Signature & Liaison Division, WDCB

24 Dec 1945

IMMEDIATE ACTION

~~RESTRICTED~~

*Handwritten notes:*  
 1000  
 7500  
 1000

SERVO

2d Ind.

ASF, HQ NINTH SERVICE COMMAND, Fort Douglas, Utah, 21 August 1945/2

TO: Commanding Officer, Camp Egan, California

1. Reference is made to basic communication and inclosures thereto.

2. It is desired that you issue the necessary orders to move the 65th Ordnance Bomb Disposal Squad from your station to Victorville, California for the purpose of neutralizing the area as set forth in basic communication.

3. It is suggested that you attach enough enlisted men from your station complement to the 65th Ordnance Bomb Disposal Squad in order to accomplish this mission at the earliest practicable date.

4. It is further desired that you contact the Commanding Officer, Victorville Army Air Field for the purpose of housing and rationing this squad, plus the attached men during the period this area is being neutralized. In event there is any difficulty in arranging for housing, advise this headquarters.

5. The necessary motor vehicles for the accomplishment of this mission will be furnished by your headquarters.

6. Upon completion of this mission it is desired that a statement to the effect that the area has been neutralized be forwarded to this headquarters by indorsement hereon attention: Plans and Operations Division.

BY COMMAND OF MAJOR GENERAL SHEDD:

*Handwritten signature:* H. B. Wharfield  
 H. B. WHARFIELD  
 Lt. Col., FA  
 Executive, Plans and Operations Division

SPRVO 3rd Ind. GEA/ag  
ASF, HEADQUARTERS CAMP ELAN, Riverside County, California 20 August 1945.

TO: Commanding General, Ninth Service Command, Fort Douglas, Utah.  
Attention: SPRVO.

1. Disposal of unexploded bombs, Victorville Army Air Field Targets has been accomplished as far as the live bombs are concerned.

2. If it is desired that the sand loaded practice bombs be removed from the targets it is requested that the Victorville personnel be used to perform the work. Victorville is a long distance from this camp and there is a shortage of personnel here.

*G. B. Appelman*  
G. B. APPELLAN  
Colonel, Infantry  
Commanding

Incls. - n/c

SPRVO 4th Ind  
ASF, HQ NINTH SERVICE COMMAND, Fort Douglas, Utah, 23 August 1945

TO: Division Engineers, Pacific Division, San Francisco, California

1. Your attention is invited to paragraph 1, 3rd Indorsement to basic communication, which indicates the area in question has been cleared of all live bombs.

2. This headquarters concurs in the recommendations set forth in paragraph 2, 3rd Indorsement to basic communication.

FOR THE COMMANDING GENERAL:

Incls: n/c

*W. E. Allen*  
W. E. ALLEN,  
Major, A.G.D.  
Asst. Adjutant General

ADDRESS REPLY TO  
COMMANDING GENERAL ARMY AIR FORCES  
WASHINGTON 25, D. C.

AFDIN-30/3

ATTENTION:

HEADQUARTERS, ARMY AIR FORCES  
WASHINGTON



20 MAR 1946

SUBJECT: Withdrawal of Victorville Bombing Targets from Surplus.

TO: Chief of Engineers.

*Will  
6/21/46  
SPCL*

1. Reference is made to 2d Indorsement from this headquarters to the Commanding General, Army Service Forces, dated 15 January 1946, wherein certain auxiliary facilities of Victorville Army Air Field, Victorville, California, were declared excess to the Army Air Forces. The records of this headquarters indicate that the facilities reported therein were declared surplus by the War Department on 23 January 1946.

2. It has now been determined that Bombing Target Sites 2, 3, 4, 5, 7, 10, 11, 12, 13, 14, 16, 17, 18, 19 and 20, reported as excess in the above referenced 2d Indorsement, will be required for use in connection with March Field, Riverside, California, and Castle Field, Merced, California, for the P-80 Jet Training Program. It is necessary to have an aerial gunnery range as near March Field as possible due to the short endurance of the P-80 aircraft. It is also desirable to have an aerial gunnery range near the home base since the P-80 is still in the development and test stage, and it is believed that the safety factor will be increased an infinite amount during firing tests. The P-80 uses far more fuel on this type of firing near the ground than at altitude, making it mandatory to establish the range within a short radius of March Field. The Victorville Range System will be used jointly by March Field and Castle Field, Merced, California.

3. It is therefore requested that the War Assets Corporation be requested to release these sites from the category of surplus for reassignment to the Army Air Forces.

FOR THE COMMANDING GENERAL:

*Leo J. Erler*  
LEO J. ERLER, Col., A. C.  
Deputy Chief, Air Installations Division  
Assistant Chief of Air Staff

*19 March  
1081 SPCLT*

CE 602 Victorville AAF, California - SPFLT

1st Ind  
(E/L 20 Mar 46)

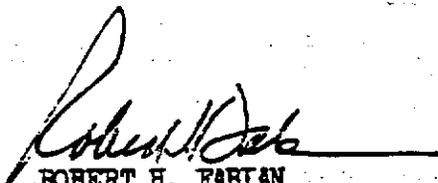
SUBJECT: Withdrawal of Victorville Bombing Targets from Surplus  
Office, Chief of Engineers, Washington, D. C., 4 April 1946

TO: The Commanding General, Army Service Forces, Washington, D. C.

ATTENTION: Services Group

Your instructions in regard to the recommendation of the Air  
Forces that certain bombing target sites be withdrawn from surplus  
is requested.

FOR THE CHIEF OF ENGINEERS:



ROBERT H. FARLAN  
Lt Colonel, Corps of Engineers  
Chief, Management & Disposal Division  
Real Estate

OCE  
Mr. Chief  
77121

CE 602 Victorville Bombing Ranges, California-SPELT 1st Ind  
(B/L 13 Apr 46)  
20 Mar

SUBJECT: Withdrawal of Bombing Target from Surplus, Victorville  
Army Air Forces, California

Office, C. of E., Washington 25, D. C., 20 May 1946

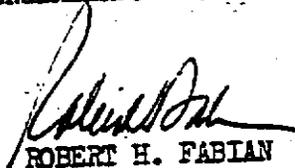
TO: The Division Engineer, South Pacific Division, SAN FRANCISCO,  
CALIFORNIA

Forwarded in confirmation of teletype dated 19 April 1946,  
file: 1081 SPELT, advising that Bombing Target Sites 2 to 5 inclusive,  
7, 10 to 14 inclusive, and 16 to 20 inclusive, located near Victorville,  
California, were withdrawn from surplus and placed in an active status  
under the jurisdiction of the Commanding General, Army Air Forces.

BY ORDER OF THE CHIEF OF ENGINEERS:

1 Incl

Ltr frm CG, AAF to C/E, 20 Mar 46  
w/1st Ind. attached.

  
ROBERT H. FABIAN

Lt. Colonel, Corps of Engineers  
Chief, Management & Disposal Div.  
Real Estate

3/12  
2/22/46  
1954

F-6

ADDRESS REPLY TO:  
AAF LIAISON OFFICE  
PACIFIC DIVISION, U. S. ENGINEERS  
251 CALIFORNIA STREET  
SAN FRANCISCO, CALIFORNIA

HEADQUARTERS OF THE ARMY AIR FORCES  
WASHINGTON

15 April 1946.

MEMORANDUM TO: Division Engineer, South Pacific Division, 355 California Street, SAN FRANCISCO, CALIFORNIA.

ATTN: Mr. Sullivan, Real Estate Section.

SUBJECT: Withdrawal of Victorville Bombing Targets From Surplus.

1. Attention is invited to the following information contained in Headquarters AAF, Air Installations Division, Daily Diary of 3 April 1946.

a. WITHDRAWAL OF VICTORVILLE BOMBING TARGETS FROM SURPLUS. The Office of the Chief of Engineers was advised that Bombing Target Sites ② 3, ④ 7, 10, 11, 12, 13, 14, 16, 17, ① 18, 19, and 20 previously reported as excess on 15 January 1946 will be required for use in connection with March Field, Riverside, California, and Castle Field, Merced, California, for the P-80 Jet Training Program. It was therefore requested that the War Assets Corporation be requested to release these sites from the category of surplus for reassignment to the Army Air Forces.

2. Further attention is invited to item in Daily Diary of 26 March 1946 as follows:

a. EXCESS DECLARATION, CAL AERO AIRPORT, CALIFORNIA. The Commanding General, Army Service Forces, was advised that the premises known as the Cal-Aero Airport, Ontario, California, are no longer required for use by the Army Air Forces. In accordance with Cir. 89, WD, 1945, recommendation was made that the premises be declared surplus.

*Albert J. Weerell*

ALBERT J. WEERELL,  
Lt. Col., A.C.,  
Senior AAF Liaison Officer,  
No. & So. Pacific Divisions.

*file  
7/1/46*



HEADQUARTERS  
4196 AAF Base Unit  
Victorville Army Air Field  
Victorville, California

VCCH JGC/bw

21 May 1946

In Reply  
Refer To: 60L53

**SUBJECT:** Transfer of Real Property

**THRU:** Commanding General  
San Bernardino Air Technical Service Command  
San Bernardino, California  
**ATTENTION:** Air Installations

**TO:** Office of Division Engineer  
Real Estate Sub-Office  
621 South Hope Street  
Los Angeles, California

1. In accordance with Surplus Real Estate Directive, South Pacific Division No. 4197-2, Los Angeles District No. 2037-2, it is requested that Bombing Targets 2, 3, 4, 5, 7, 10, 11, 12, 13, 14, 16, 17, 18, 19, and 20 be transferred to the Air Tactical Command, March Field, Riverside, California, from the Air Technical Service Command.

2. Real Property Transfer to Los Angeles District Engineer from the Accountable Post Engineer was accomplished on WD O.C.R. Form 290 dated 30 April 1946.

**FOR THE COMMANDING OFFICERS:**

G. R. WEISBRODT  
1st Lt., Air Corps  
Adjutant.

WAR DEPARTMENT  
UNITED STATES ENGINEER OFFICE  
751 SOUTH FIGUEROA STREET  
LOS ANGELES, CALIF.

10 July 1946

PSLKJ  
LA 602 (SF) (Victorville)

SUBJECT: Transfer of Surplus Facilities, Pacific Division No. 4197-3

T TO: Commanding Officer  
Air Tactical Command  
March Field  
Riverside, California

1. Inclosed is OCE Form 290, serial number 237, transferring Bombing Targets located at Victorville, California to your organization as per instructions contained in Pacific Division Directive No. 4197-3.

2. It is requested the original copy of OCE Form 290 be signed and returned to this office.

For the District Engineer:

/s/ PAUL C. BEARDSLEE  
Chief, Supply Branch  
Operations Division

1 Incl.  
OCE Form 290 (dup)

Basic: Ltr, US Eng Of, Los Angeles, Calif, LA 602, dtd 10 Jul 46, subj:  
"Transfer of Surplus Facilities, Pacific Division No. 4197-3"

452.3

1st Ind

12AF-H-3

HEADQUARTERS TWELFTH AIR FORCE, March Field, Riverside, California 18 SEP 46

TO: District Engineer, U. S. Engineer Office, Post Office Box 5180,  
Metropolitan Station, Los Angeles 55, California

1. At the present time, the bombing ranges listed on inclosure to basic letter which are required for use by this Air Force (including operations from March Field) are as follows:

a. Target No. 4, 640 acres Government owned, located just southwest of Granite Mountain about 10 miles southeast of Victorville, California.

b. Target No. 2, 440 acres Government owned; and 200 acres Public Domain.

c. Target No. 5, 691.96 acres Public Domain.

2. It is assumed that the land listed as Public Domain can be used indefinitely at no cost to the Government. If such is not the case, it is requested that this Headquarters be informed of rental rates on all the lands listed in the inclosure so that a determination can be made as to the cheapest target areas that can be retained.

3. It is requested that the Form 290 be redrawn so that the Air Installation Officer, March Field, will be assigned responsibility only for the Target Areas No. 4, 2, and 5.

FOR THE COMMANDING GENERAL:

2 Incls

Added 1 incl

2. Map of bombing &  
gunnery ranges,  
San Bernardino Co,  
Calif

/s/ W. R. PURPUS  
Major, A.G.O.  
Adjutant General

Copy furnished:  
CC, March Field, Calif

SUBJECT: Transfer of Surplus Facilities - Pac. Div. No. 4197-3 (Basic:  
10 July 1946)

LA 602 (SF-Victorville AAF) 2nd Ind. Reply Reference: PSLKJ

U. S. Engineer Office, Los Angeles, California, 23 September 1946

TO: Chief, Los Angeles Real Estate Sub-Office, Division Engineer, 621 South  
Hope Street, Los Angeles 14, California

- Forwarded for necessary action.

FOR THE DISTRICT ENGINEER:

2 Incls. n/c

/s/ E. C. PAULES  
Lt. Col., Corps of Engineers  
Property Officer

Subject: Transfer of Surplus Facilities  
Pacific Division No. 4197-3.  
(Basic: 10 July 1946)

602 (Victorville AAF,  
Calif. - Bombing Targets)  
LA PSDRE-D 6.5 JEC

3rd Ind.

Office, Division Engineer, South Pacific Division, Los Angeles Real Estate  
Sub-Office, Los Angeles, California. 1 October 1946.

To: Division Engineer, South Pacific Division, SAN FRANCISCO 19,  
CALIFORNIA.

ATTENTION: Real Estate Division

Forwarded for issuance of Amended Directive to conform with request  
contained in Paragraph 3, 1st Indorsement.

/s/ JOHN J. SHIPLEY  
Chief, Management and Disposal Branch  
Los Angeles Sub-Office

2 Inclosures: n/c

100-100000-100000  
 100-100000-100000  
 100-100000-100000  
 100-100000-100000

Subject: Transfer of Surplus Facilities,  
 Pacific Division No. 4197-3.  
 (Basic: 10 July 1946)

PSDRM-D 601.53(Victorville  
 Army Airfield, California)

4th Ind

Office, Division Engineer, South Pac Div, San Francisco, Calif, 4 October 1946

A

To: The Chief of Engineers, War Department, Washington 25, D. C.  
 ATTENTION: Real Estate Division

1. Subject file is forwarded herewith, inviting attention to 1st Indorsement dated 18 September 1946 wherein Headquarters, Twelfth Air Force has determined that certain target areas listed on the attached Form 290, previously requested to be transferred, would now be excess to their needs.

2. It will be noted that listed on Form 290 the target areas to be transferred were numbers 1 through 5, 7, 10 through 14 and 16 through 20, areas numbers 2, 4 and 5 are required.

3. Since first declaration of surplus and a later withdrawal of the target areas involved originated from Headquarters, Army Air Forces, Washington, D. C., it is requested that this office be advised whether or not that Headquarters wishes to reinstate the excess target areas to a surplus status.

FOR THE DIVISION ENGINEER:

2 Incls n/c

/s/  
 for

WILLIAM H. CUPPLES  
 Chief, Management & Disposal Branch  
 Real Estate Division

2-11-1946  
 100-100-100  
 100-100-100

601.53 Victorville AAF, California. ENGLT

5th Ind.  
 10 July 46

SUBJECT: Transfer of Surplus Facilities,  
 Pacific Division No. 4197-3.

OCE, Washington 25, D. C., 11 October 1946.

TO: The Commanding General, Army Air Forces, Washington 25, D.C.  
 ATTN: AFDIN

1. It is requested that this office be advised whether or not only target areas Nos. 2, 4 and 5 are required by the Army Air Forces.
2. Target ranges Nos. 2 through 5, 7, 10 through 14 and 16 through 20 were withdrawn from surplus for the use of the Army Air Forces on 10 April 1946.
3. In the event it is determined that all the target areas except 2, 4 and 5 are excess, it is requested that your office recommend to War Department General Staff that a surplus directive be issued.

FOR THE CHIEF OF ENGINEERS:

- 2 Inclosures:  
 1-OCE Form 290 (dupl.)  
 2-Map of bombing ranges,  
 San Bernardino Co., Calif.

/s/ R. W. LOVE  
 Lt. Colonel, Corps of Engineers  
 Chief, Disposal Branch  
 Management and Disposal Division  
 Real Estate

AFDIN-2B/1  
Mr. Ceconi/amw/LLLL  
Wrtn: 28 Oct 1946

BLDGS. & GROUNDS

Subject: Transfer of Surplus Facilities, Pacific Division No. 4197-3.

AFDIN-2B/1

6th Ind

Hq AAF, Washington 25, D. C.

29 OCT 1946

To: Commanding General, Tactical Air Command, Langley Field, Virginia.

1. For remarks and recommendations concerning status of Victorville Bombing Targets, Victorville, California.

2. Your attention is invited to comments contained in the 4th Indorsement.

BY COMMAND OF GENERAL SPAATZ:

LEO J. ERLER, Col., A. C.  
Assistant Chief, Air Installations Division  
Assistant Chief of Air Staff-4

2 Incls  
n/c

OFFICE SYMBOL	1. AFDIN-2B/1	2.	3.	4.	5.
GRADE AND SURNAME OF COORDINATING OFFICER	<i>Leo J. Erler</i>				AAF
					29 OCT 1946

Master Ltr 12 Aug 46, Los Angeles, Calif, LA 602, dtd 10 Jul 46, subj:  
"Transfer of Surplus Facilities, Pacific Division No. 4197-3"

TAM 601 (10 Jul 46) Disc.

7th Ind

3 NOV 1946

24C

Hq, Tactical Air Command, Langley Field, Virginia

TO: Commanding General, Army Air Forces, Washington 25, D. C.  
ATTENTION AC AS-4, Air Installations Division

1. It is recommended that target areas 2, 4 and 5 be retained for use by this Command.

2. Targets areas 3, 7, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19 and 20 are excess to the requirements of this Command. It is therefore recommended that these target areas be declared surplus and transferred to the custody of the Chief of Engineers.

FOR THE COMMANDING GENERAL:

2 Incls: n/c

J. K. BROCK  
Capt. A. C.  
Asst. Adj. Gen.

Info Copy:  
CG, 12AF

AFDIN 2D/2  
Mr Fisher/amcd/4443  
vrted 7 Aug 47

SUBJECT: Transfer of Surplus Facilities, Pacific Division No. 4197-3  
(Victorville Army Air Field, California)

AFDIN 2D/2

8th Ind

11 AUG 1947

Hq, Army Air Forces, Washington 25, D. C.

TO: Director of Service, Supply and Procurement, WDGB  
ATTN: Services Group

1. It has been determined that Bombing Target Sites Nos. 3, 7, 10, 11, 12, 13, 14, 15, 16, 17, 19 and 20, located near Victorville, California, are no longer required for use of the Army Air Forces. Information required pursuant to Circular 2, War Department 1947, was furnished by 2nd Indorsement dated 15 January 1946 from this headquarters to the Commanding General, Army Service Forces to basis communication dated 7 January 1945 from the Commanding Officer, San Bernardino Air Technical Service Command.

2. In accordance with provisions of above cited circular, it is requested that Target Sites Nos. 3, 7, 10, 11, 12, 13, 14, 15, 16, 17, 19 and 20 be declared surplus and disposed of in accordance with existing laws and regulations.

3. It will be noted that Target Site No. 1 has already been released and that Target Sites Nos. 2, 4, 5 and 18 will remain under the jurisdiction of the Army Air Forces.

FOR THE COMMANDING GENERAL:

11 AUG 1947  
MAIL BRANCH

*TP...* 4FCTG

2 Incls n/c

L. J. ERLER, Col., A. C.  
Assistant Chief, Air Installations Division  
Lieutenant Chief of Air Staff-4

cc OCE  
TAC  
Installations Data  
Util Sect, U&A Br  
Liaison Officer-5D122

MEMO FOR RECORD: Action per Maj Steinle, U&A Br  
31 July 1947

MEMO FOR FILE: 6th Ind fm Hq AAF to TAC 10/29/46  
(AFDIN-2B/1), subj as above

OFFICE SYMBOL	1.	2.	3.	4.	5.
GRADE AND SURNAME OF COORDINATING OFFICERS	AFDIN <i>L. J. Erlер</i>				
	<i>TP</i>				

DEDUDDING REPORT ON BOMBING TARGETS FORMERLY ASSIGNED TO  
VICTORVILLE ARMY AIR FIELD

1. Victorville Army Air Field
2. Victorville Bombing Targets
3. 

Target No. 1 - 160 Acres	Target No. 14 - 640 Acres
Target No. 2 - 640 Acres	Target No. 15 - 640 Acres
Target No. 3 - 640 Acres	Target No. 16 - 640 Acres
Target No. 4 - 640 Acres	Target No. 17 - 640 Acres
Target No. 5 - 640 Acres	Target No. 18 - 640 Acres
Target No. 6 - 640 Acres	Target No. 19 - 640 Acres
Target No. 7 - 640 Acres	Target No. 20 - 640 Acres
Target No. 8 - 640 Acres	Target No. H-1 - 640 Acres
Target No. 9 - 640 Acres	Target No. H-2 - 640 Acres
Target No. 10 - 640 Acres	Target No. H-3 - 640 Acres
Target No. 11 - 640 Acres	Demolition Target Y - 2240 Acres
Target No. 12 - 640 Acres	Demolition Target Z - 4009 Acres
Target No. 13 - 640 Acres	
4. Terrain is flat desert land with sparse vegetation and brush.
5. Period between first March and first December would be most suitable for search and demolition crews. Temperatures of 100 and over will be normal from the middle of June to the middle of September. Rain and cold weather would hamper operations during December, January, and February.
6. Victorville, California is the only town from which the area is readily accessible. Disposal teams could be billeted at Victorville Army Air Field while clearing targets nearest to field. Field camps would be logical for the outlying targets. Distances from Victorville to the Bombing Targets range vary from 10 miles to over 100 miles by road. Reference is made to attached vicinity map.
7. One hundred pound sand filled practice bombs were used on all targets except Demolition Targets Y and Z. Five hundred pound demolition were used on Targets Y and Z.
8. (a) No information is available at this station as to which targets are now in use since all remaining targets were transferred to the Los Angeles District Engineer as surplus. It is believed that some targets were cleared by a detachment from Camp Hahn on orders from Ninth Service Command.  
  
(b) There has been no certificate of clearance submitted to Victorville Army Air Field.
9. Major Paul Bidwell, now located at 610 North Richmond Street, Albuquerque, New Mexico, was Assistant Post Engineer and Range Officer at Victorville Army Air Field during 1944 and 1945.
10. Lt. Robert E. Myers, Air Corps, is now Post Engineer at Victorville Army Air Field.

11. A vicinity map showing Bombing Target locations outlined in red is attached hereto.
12. There are no personnel available at Victorville Army Air Field for search parties.
13. There are no vehicles available at Victorville Army Air Field for transportation of search parties.



PSIRM 602, subj: "Neutralization of Unexploded Ammunition and Duds," to  
CG, Hq, WFTO, Randolph Field, Texas, 27 Aug 46

VAAF 416

3rd Ind

CONL/REM/JGC/bw

HQ, VAAF, Victorville, California, 23 September 1946

TO: Commanding General, San Bernardino Air Materiel Area, San Bernardino,  
California.

1. Attached hereto is completed questionnaire relative to Bombing  
Targets formerly assigned Victorville Army Air Field.

2. All Bombing Targets were transferred to the Los Angeles District  
Engineer, 30 April 1946. It is understood that certain of the Bombing  
Targets were transferred to the Air Tactical Command, March Field.

FOR THE COMMANDING OFFICER:

HAROLD G. SMITH  
2nd Lt, Air Corps  
Asst. Adjutant

3 Incl  
Cy Questionnaire - Incl. 1  
Dedudding Report (in dup) - Incl. 2  
Vicinity Map - Incl. 3

*Att. Officer*

COPY

WAR DEPARTMENT  
OFFICE OF THE CHIEF OF ENGINEERS  
WASHINGTON 25, D. C.

ENGLT 602 Bomb Disposal

6 August 1947

SUBJECT: Removal of Military Scrap from Artillery, Bombing and other target Ranges.

TO: Division Engineers except Division Engineers LMVD, UMVD and WOD

1. Attention is directed to paragraph 4, Circular Letter No 4184 (Real Estate No 120) (Military Personnel No 132), 30 July 1946, which expresses the policy of the Chief of Engineers with respect to the removal of scrap bomb and shell casings remaining on ranges being deduded.

2. The primary consideration in determining whether scrap will be removed should be the safety of persons and livestock on the land in question and secondarily, the prevention of accidents resulting from the sale and/or use of the scrap subsequent to the land passing from the jurisdiction of the War Department.

3. Definition of Military Scrap on Artillery, Bombing and other Target Ranges.

Military scrap is defined as whole missiles or sufficiently large portions thereof to resemble missiles, and which could possibly contain explosives.

4. Effective immediately, Division Engineers will insure the removal or other disposition of all military scrap from lands suitable for cultivation and in the case of lands unsuitable for cultivation, all military scrap will be removed if it is reasonably possible to do so. Cases where it is considered impracticable to remove the scrap will be reported to the Chief of Engineers for final decision. In such instances pertinent data and the Division Engineer's recommendations should be furnished.

BY ORDER OF THE CHIEF OF ENGINEERS:

/s/ Chas. S. Holle  
/t/ CHAS. G. HOLLE  
Colonel, Corps of Engineers  
Executive

DISTRIBUTION

3 copies to each addressee and Executive Office, OCE, plus 15 copies to Asst CofEngrs for Real Estate.

684 (1947)

HEADQUARTERS  
4196TH AAF BASE UNIT  
~~SAN BERNARDINO AIR TECHNICAL SERVICE COMMAND~~  
SACRAMENTO AIR MATERIEL AREA

AGD/DLS/ps

IN REPLY REFER TO:

VICTORVILLE ARMY AIR FIELD, CALIFORNIA

19 August 1947

Captain in Charge  
Sub-Station Sheriff's Office, San Bernardino County  
Victorville, California

Dear Sir:

A recent visit by a representative of the Corp of Engineers from Washington, D.C. brought to the attention of this Headquarters that certain persons were removing bomb scrap from bombing ranges which are located in the Lucerne Valley Area.

Mr. Pettit, representative of the Corp of Engineers, pointed out the extreme danger to personnel when removing bomb scrap when removal is not supervised by qualified personnel. Numerous instances were sighted when similar unauthorized removal of explosives had resulted in permanent disability and death to persons removing scrap.

Removal of bomb scrap from bombing ranges located in the Lucerne Valley Area is unauthorized and it is the desire of the War Department that this Station and local civil authorities cooperate in apprehending and prosecuting the guilty parties. Subject bomb scrap is government property and its unauthorized removal constitutes a crime of a serious nature in addition to presenting an extremely dangerous hazard.

This is your authority to stop any removal of bomb scrap from the bomb ranges in the Lucerne Valley Area. Request that when any trucks loaded with scrap from the Lucerne Valley Bombing ranges are noted the trucks be stopped, Provost Marshal at this Station be notified, and the persons removing scrap confined and appropriate civil action instituted.

Your office will be notified when proper contracts have been awarded which will authorize the removal and result in the clearing of subject bombing ranges.

DONALD L. SHELTON  
1st Lt, Air Corps  
Adjutant

JRE

WAR DEPARTMENT  
Office of the Chief of Engineers  
-800 TST DETACHMENT NO. 14  
BOMB AND SHELL DISPOSAL TEAM

2 February 1948

SUBJECT: Report of the dedudding of Victorville Bombing  
Targets, San Bernardino County, California.

TO: Division Engineer  
South Pacific Division  
Corps of Engineers, War Dept  
Oakland Army Base  
Oakland 14, California.

1. The 9800th 1SU-CE Detachment #14, Bomb & Shell Disposal Team was assigned the clearing of the Victorville Bombing Targets, Victorville, California under Surplus Real Estate Directive, South Pacific Division Number: 4842-3 and Los Angeles District Number 2364-3. This directive covers the dedudding of target Numbers: 3, 7, 10, 11, 12, 13, 14, 15, 17, 18, and 20, a total of 7,022 acres. The dedudding of said targets began 20 October 1947 and were completed 24 January 1948.

2. Six laborers, hired through the Los Angeles District Engineers and the personnel of the Detachment made up the searching party. Two Project Engineers were also furnished by the Los Angeles District Engineers.

3. The total man hours, including civilian and Detachment labor, were 7176 hours. The total civilian field cost (salary, per diem and vehicle repairs) was \$7,547.

4. A team made up of one Project Engineer and one Sergeant from the Detachment surveyed and marked the boundaries of each range ahead of the search crew. The other Project Engineer, in conjunction with a Detachment Sergeant, controlled the search crew.

5. It is estimated that there is approximately 840 tons of scrap on subject targets.

6. The method of searching was as it has been in similar reported jobs. However, the immediate target areas were more heavily impacted and a large percentage of the bombs were buried or partially buried necessitating several passes of the search crew and considerable excavating. The excavating was done with non-sparking picks cutting down the danger of setting off a bomb by accidentally digging into one.

7. All blasting was done after the searchers were out of the range or at a later date. The dud bombs were rid of by placing a sufficient size charge of Composition C-3 on them so as to explode the bomb or completely demolish it. After detonation the demolition men checked the surrounding area to see that the object in question had been destroyed.

8. A list of duds found and destroyed are given below:

- (a) 2,860 Bombs, Practice, M38-A2
- (b) 32 Bombs, Flare, Aircraft, Parachute, M26

9. I believe the 7,022 acres covered by this report to be free from explosive material for the purpose of grazing, mining and/or agricultural purposes.

10. The location of this area is designated by the enclosed map of:

Real Estate  
Victorville Army Air Field Bombing Ranges  
Drawing No. 65-EP  
State: California  
County: San Bernardino

JOSEPH P. SAEMATO  
1st Lt., CE  
9800th TSU CE Det #14  
Bomb & Shell Disposal Team  
Commanding

CERTIFICATE OF CLEARANCE

VICTORVILLE BOMBING TARGETS NOS. 3, 7, 10, 11, 12, 13, 14, 16, 17, 19, AND 20

22 March 1948

This is to certify that the areas known as Victorville Bombing Targets Nos. 3, 7, 10, 11, 12, 13, 14, 16, 17, 19 and 20, as shown on Real Estate Map of Victorville Army Air Force Bombing Ranges, Drawing No. 65-PP, were completely dedudded during the period from 20 October 1947 to 24 January 1948.

2360 dud practice bombs M38-A2 and 32 dud flare bombs, aircraft parachute M26, were found and destroyed during the course of the dedudding.

To the best of our knowledge and belief, the entire area covered by these 11 bombing targets is clear of all explosive or dangerous material and the land is safe for the purpose of grazing, mining or other agricultural purposes.

*E. C. Hedrick*

**E. C. HEDRICK**  
Engineer, Civil  
Los Angeles District

**JOSEPH P. SARRAFO**  
1st Lt., C. E.  
6800th TSU-GE Det. #14  
Deser w/Shell Division Team  
Commanding

ORDNANCE AND EXPLOSIVES  
ARCHIVES SEARCH REPORT  
FOR  
VICTORVILLE  
PRECISION BOMBING RANGE #16  
SAN BERNARDINO COUNTY, CALIFORNIA  
PROJECT NUMBER J09CA068201

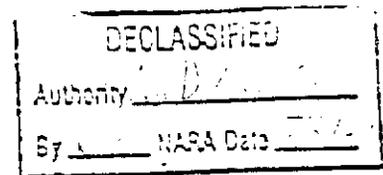
**APPENDIX G**

**REAL ESTATE DOCUMENTS**

**APPENDIX G**  
**REAL ESTATE DOCUMENTS**

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- G-1 Government Owned Land Selected for Air Corps  
Advanced Flying School No.4, Victorville, California,  
3 February 1942 (B-21)
- G-2 Land Acquisition for Bombing Ranges, Victorville  
April- August 1942 (B-22)
- G-3 Military Acquisition Project Report, 23 June 1948  
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- G-13 Current Day Land Ownership Information (B-33)



War Department

UNITED STATES ENGINEER OFFICE  
751 SOUTH FLORENCE STREET  
Los Angeles, Calif.

February 3, 1942

SUBJECT: Government-owned land selected for bombing ranges for Air Corps  
Advanced Flying School No. 4, Victorville, California.

TO The Chief of Engineers, U. S. Army, Washington, D. C. (Through  
the Division Engineer, South Pacific Division, San Francisco,  
California.)

1. Headquarters, Air Corps Advanced Flying School No. 4,  
Victorville, California, has furnished this office with description  
of land selected for use as Practice Bombing Ranges for that school.

2. The records of the County of San Bernardino, California, and  
the Federal Land Office, Los Angeles, indicate that the land described  
on the inclosed list is owned by the United States, under the super-  
vision of the Department of Interior.

3. It is requested, therefore, that immediate action be taken to  
have the public domain described set aside as military reservations  
and advise this office when this has been accomplished.

(S) Edwin C. Kelton,  
Colonel, Corps of Engineers,  
District Engineer.

1 Incl.  
List.

ROYALTY INT-OWNED LAND CALIFORNIA NOW BEARING GRANT FOR MIN. COMES  
ADVANCED FLYING JOURNAL N. 1, VICTORVILLE, CALIFORNIA.

The following-described land is all in San Bernardino County, California,  
and described to the San Bernardino Base and Meridian:

<u>No.</u>	<u>Description</u>	<u>Section</u>	<u>Township</u>	<u>Range</u>
1-3	NW 1/4	21	6N	3W
2-4	NW 1/4 NE 1/4	12	5N	3W
2-4	SW 1/4	12	"	"
3-6	N 1/2 SE 1/4	33	6N	2W
5	All	4	6N	1W
6-3	E 1/2 SW 1/4	22	5N	1W
6-3	SE 1/4	22	"	"
6-3	W 1/2 NW 1/4	26	"	"
7-6	E 1/2 SE 1/4	4	5N	1E
7-6	NW 1/4	10	"	"
8	E 1/2	21	4N	1E
8	W 1/2	22	4N	1E
9	E 1/2 SW 1/4	34	6N	2E
9	SE 1/4	34	"	"
9	W 1/2 SW 1/4	35	"	"
9	Lots 1, 2 & 3	3	5N	2E
9	SE 1/4 NW 1/4	3	5N	2E
9	S 1/2 NE 1/4	3	"	"
9	Lot 4	2	"	"
9	SW 1/4 NW 1/4	2	"	"
10	SE 1/4 SE 1/4	1	4N	2E
10	E 1/2 NE 1/4	12	"	"
10	NE 1/4 SE 1/4	12	"	"
10	S 1/2 SW 1/4	6	"	3E
10	SW 1/4 SE 1/4	6	"	"
10	NW 1/4	7	"	"
10	W 1/2 NE 1/4	7	"	"
10	N 1/2 SW 1/4	7	"	"
10	NW 1/4 SE 1/4	7	"	"
11	E 1/2	35	6N	3E
11	W 1/2	36	"	"
12	S 1/2	32	5N	4E
12	N 1/2	5	4N	4E
13	All	6	3N	4E
14-3	SW 1/4	30	6N	5E
14-3	NW 1/4	31	"	"
15	S 1/2	30	4N	5E
15	N 1/2	31	"	"
17	All	29	4N	6E
18	SE 1/4	24	3N	6E
18	NE 1/4	25	"	"
18	SW 1/4	19	"	7E
18	NW 1/2	30	"	"
19-2	N 1/2	26	2N	6E

*201*

DECLASSIFIED	
AUTHORITY	
BY	NARA Date 7/2/82

CL 601.1 (Victorville Advance Flying School) C.F. (2/3/42) 1st Ind.  
(Bombing Targets)

Division Engineer, So. Pac, Div., 351 California St., San Francisco, Calif.,  
February 10, 1942. TO: Chief of Engineers, Washington, D. C. Att: Real  
Estate Branch.

1. Basic request for an executive order of withdrawal is forwarded  
for appropriate action.

2. Flats of the subject areas are inclosed.

For the Division Engineer:

(S) J. MONTLEER CLARK  
Division Real Estate Director

2 Incls:

- #1 - Schedule of Lands (Trip.)
- #2 - 17 Flats (dup.)

DECLASSIFIED

Authority

By

NARA Date

7/1

LA 101.1  
(Victorville section on e) 101.1

UNIT 101: Government-owned land selected for bombing ranges for Air Corps Advanced Flying School No. 4, Victorville, California.

and Inc.

Department, Office, U. S. of I., Washington, February 26, 1942. To: Chief of Engineers.

1. For remark and recommendation.

2. If the project of acquiring the land in question by transfer from the Department of the Interior is approved, it is requested that all papers be returned to this office in order that the necessary letter to the Secretary of the Interior may be drafted requesting withdrawal by executive order.

For the Chief of Engineers:

JOHN J. O'BRIEN,  
Colonel, Corps of Engineers,  
Chief, Real Estate Branch.

2 Incls.

Incl. 1-schedule of lands  
(two copies w/drawn)

Incl. 2-17 plats  
(duplicate copy w/drawn.)



WAR DEPARTMENT  
UNITED STATES ENGINEER OFFICE  
751 South Figueroa Street  
Los Angeles, Calif.

O-10

April 27, 1942.

SUBJECT: Bombing Ranges - Victorville Army Flying School,  
Victorville, California.

TO: The Chief of Engineers, U. S. Army, Washington, D. C.  
(THrough the Division Engineer, South Pacific Division,  
San Francisco, California, attention of Division Real  
Estate Director.)

1. Reference is made to third indorsement, Office, Chief of Engineers, dated February 7, 1942, to basic Radiogram of Division Engineers, dated December 30, 1942, requesting authority to lease 24 bomb target sites for the Victorville Army Flying School at Victorville, California, at an estimated rental of \$10,000.00. This communication was returned by this office to Chief of Engineers, by fifth indorsement dated February 21, 1942.

2. Eighteen sites were selected by the Commanding Officer of the Victorville Army Flying School, and of the 18 sites selected, the following numbered were entirely public domain:

<u>Bombing Range No.</u>	<u>Description</u>
5	Section 4, Township 6 North, Range 1 West.
8	East $\frac{1}{2}$ Section 21; West $\frac{1}{2}$ Section 22, Township 4 North Range 1 East.
9	East $\frac{1}{2}$ Southwest $\frac{1}{4}$ and Southeast $\frac{1}{4}$ of Section 34; West $\frac{1}{2}$ Southwest $\frac{1}{4}$ , Section 35; Township 6 North Range 2 East; Lots Nos. 1, 2, and 3, and Southeast $\frac{1}{4}$ of Northwest $\frac{1}{4}$ , and South $\frac{1}{2}$ of Northeast $\frac{1}{4}$ Section 3; Lot No. 4 and Southwest $\frac{1}{4}$ Northwest $\frac{1}{4}$ Section 2; Township 5 North, Range 2 East.

Subject: Bombing Ranges - Victorville Army Flying School,  
Victorville, California.

- 10 Southeast 1/4 of Southeast 1/4  
Section 1; East 1/2 of Northeast  
1/4 and Northeast 1/4 of South-  
east 1/4 Section 12 Township 4  
North, Range 2 East; South 1/2  
Southwest 1/4 and Southwest 1/4  
Southeast 1/4 Section 6; Northwest  
1/4; West 1/2 of Northeast 1/4;  
North 1/2 of Southwest 1/4, and  
Northwest 1/4 of Southeast 1/4  
Section 7, Township 4 North,  
Range 3 East.
- 11 East 1/2 of Section 35 and  
West 1/2 of Section 36,  
Township 6 North, Range 3 East.
- 12 South 1/2 of Section 32, Township  
5 North, and North 1/2 of Section 5,  
Township 4 North, Both Range 4 East.
- 13 Section 6, Township 3 North,  
Range 4 East.
- 14 Section 30, Township 6 North,  
Range 5 East.
- 15 South 1/2 of Section 30  
and North 1/2 of Section 31,  
Township 4 North, Range 5 East.
- 17 Section 29, Township 4 North,  
Range 6 East.
- 18 Southeast 1/4 Section 24; Northeast  
1/4 Section 25, Township 3 North,  
Range 6 East; Southwest 1/4 Section 19,  
and Northwest 1/4 Section 30, Town-  
ship 3 North, Range 7 East.

3. By letter dated February 3, 1942, this office requested that the above-described public domain be set aside as military reservations, as well as the public domain included in Bombing Ranges Nos. 1, 2, 3, 4, 6 and 7. By letter dated March 16, 1942, this office requested that the description for Bombing Range No. 14 shown above, be substituted for the description of Bombing Range No. 14 in the letter of February 3, 1942.

DECLASSIFIED  
Authority                       
By                      NARA Date 7/2/74

4. Bombing ranges selected that are in part public domain, and in part private property, are reported by individual letter, transmitting signed leases for the private property involved.

5. It is requested this office be advised the status of request referred to in Paragraph 3 hereof.

For the District Engineer:

s/ THOMAS H. MESSER,  
Major, Corps of Engineers,  
Executive Assistant.

CE 601. 53 Victorville, Calif. CRL

Subject: Bombing Ranges  
(Victorville Army Flying School)

1st Ind.

Office, Division Engineer, So. Pac. Div., San Francisco, June 2, 1942  
To: Chief of Engineers, U. S. Army, WASHINGTON, D. C.

Attention: Real Estate Branch.

For the Division Engineer:

s/ J. M. C.

CE 601.53 SPELD  
Victorville, Calif.

Subject: Government-owned lands selected  
for Bombing Ranges for Air Corps  
Advanced Flying School, No. 4,  
near Victorville, California.

2nd Ind.

Office, C. of E. June 23, 1942. To: U. S. Division Engineer, South Pacific  
Division, P. O. Box 3049, San Francisco, California.

1. Reference is made to the letter from this office of April 25, 1942,  
file 601.52 Victorville, California, SPELD, Above subject.

2. This office has not yet received the gross appraisal on existing  
private rights within the subject lands. This gross appraisal was requested  
of you by radio on or about March 23, 1942, and again on or about June 9.

3. The letter of April 25 transmitted to you a copy of the letter from  
the Department of the Interior dated April 13, 1942. The latter letter  
referred to a letter from the Secretary of War dated March 26, 1942. The  
letter of March 26 requested the withdrawal of the public lands described  
by the list submitted to this office by the letter of February 3, 1942, to  
which reference is made in paragraph 3 of basic communication. Seventeen  
plats were submitted to the Department of the Interior with the letter of  
March 26. These plats covered Bombing Target Sites Nos. 1 to 19 inclusive  
excepting Sites Nos. 4 and 16.

4. Basic letter requests information regarding Bombing Range No. 4.  
This office has no information regarding Site No. 4. Basic letter does not  
mention Site No. 19. According to Plat No. RW over AF 12-29-A, the East Half  
of Section 27, and West Half of Section 25, Township 2 North, Range 6 East  
comprise Site No. 19. Information is requested whether Sites Nos. 4 and 19  
are desired. If No. 4 is desired, the description thereof should be submitted.

5. The amended description of Site No. 14, which was submitted by the  
letter of March 16, 1942 referred to in paragraph 3 of basic communication,  
has been approved, as you were advised by paragraph 3 of the letter of April  
25. The permission from the Department of the Interior extends only to the  
Southwest quarter of Section 30. When the request is made of the Department  
of the Interior for the withdrawal of all the subject public lands, request  
will be made for all of section 30, Township 6 North, Range 5 East. This  
request for the withdrawal will be made as soon as your gross appraisal is  
received.

6. There are herewith returned to you a copy of basic letter  
and 1st Ind., which apparently left your office inadvertently.

By order of the Chief of Engineers:

s/ JOHN J. O'BRIEN,  
Colonel, Corps of Engineers,  
Chief, Real Estate Branch.

DECLASSIFIED  
 Authority \_\_\_\_\_  
 By \_\_\_\_\_ NARS Date 7/1/82

E 601.53 (Victorville,  
 California) SPELS

Subject: Government-owned lands selected  
 for Bombing Ranges for Air Corps  
 Advanced Flying School, Victorville,  
 California.

3rd Ind.

From: Division Engineer, So. Pac. Division, San Francisco, June 27, 1942

To: The Chief of Engineers, U. S. Army, WASHINGTON, D. C.  
 Attention: Real Estate Branch

1. Transmitted herewith in duplicate is a gross appraisal report covering nineteen (19) Bombing Target Sites for Victorville Army Flying School. The report has been reviewed and is approved.
2. It is requested that all public lands within the areas described be withdrawn for the use of the War Department by means of an Executive Order, after approval by the Commanding General, Army Air Forces. Attention is invited to the tract register on page eleven (11) of the report. Prior approval of the Interdepartment Air Board has not been obtained.
3. Acquisition of privately owned rights by purchase is recommended, with concurrent cancellation of the leases under which possession has heretofore been obtained.
4. It is recommended that it be suggested to the Commanding General, Army Air Forces, that Target No. 1 either be eliminated or relocated and that appropriate instruction be issued in this regard.
5. Issuance of a directive for sites two (2) to nineteen (19), inclusive, is recommended.

For the Division Engineer:

s/ J. MORTIMER CLARK,  
 DIVISION REAL ESTATE DIRECTOR

1 Incl.  
 Gross Appraisal Report (in dup)

DECLASSIFIED  
 Authority                       
 By                      NARA Date 7/16/01

CG 601.53 (Victorville, California) SPELA

SUBJECT: Land Acquisition -  
 Bombing Ranges-Victorville  
 Army Flying School, Victorville,  
 California.

4th Ind.

Office, Chief of Engineers, July 6, 1942. To: Commanding General, Army  
 Air Forces.

1. Attention is invited to the preceding correspondence and attached appraisal report in connection with the acquisition of approximately 11,500 acres of land of which 3,480 acres are privately owned for 18 bombing target sites for Victorville Army Flying School at an estimated cost of \$26,000.

2. It will be noted from 3rd Indorsement that the Division Real Estate Director recommends that Target No. 1 either be eliminated or relocated due to high severance cost and relocation of existing transcontinental telephone line. This office concurs in this recommendation.

3. If the subject sites are approved for acquisition, it is recommended that such approval be indicated hereon. Thereafter, this office will take the necessary steps to acquire the land in question.

For the Chief of Engineers:

JOHN J. O'BRIEN,  
 Colonel, Corps of Engineers,  
 Chief, Real Estate Branch.

1 Incl.  
 Cy. of Gross Appraisal Report.

614  
Victorville  
Calif

**SUBJECT: Land Acquisition - Bombing Ranges - Victorville Army Flying School, Victorville, California.**

5th Ind.

AFRS (12-A 2)

War Department, Headquarters, Army Air Forces, Washington, D.C., August 19, 1942 - To Chief of Engineers, Construction Division, Real Estate Branch.

X625

1. The acquisition of all of the sites described in the preceding correspondence is approved.
2. The Interdepartmental Air Traffic Control Board has cleared an area in the general vicinity of these ranges which is described as follows:  
"Beginning at a point Latitude  $34^{\circ} 35'$ , Longitude  $117^{\circ} 25'$ ; thence northeast to a point Latitude  $34^{\circ} 44' 15''$ , Longitude  $116^{\circ} 28'$ ; thence southeast to Latitude  $34^{\circ} 30'$ , Longitude  $116^{\circ} 12'$ ; thence due south to Latitude  $34^{\circ} 15'$ , Longitude  $116^{\circ} 12'$ ; thence northwest to Latitude  $34^{\circ} 22'$ , Longitude  $117^{\circ} 11'$ ; thence northwest to starting point."
3. All of the eighteen(18) ranges fall within that area. The elimination of Range No. 1 is approved and it may be substituted by another site providing that site is within the danger area described above.
4. If Site No. 1 is eliminated or substituted it is requested that this office be advised accordingly.

1 Incl. a/s

For the Commanding General:  
Army Air Forces

L. D. Wilken  
Col. Air Corps  
Director of Bombing Ranges  
J. C. Shively  
Col. Air Corps

cc: CG, AAF West Coast Training Center, Santa Ana, Calif.

JCK:ga

OFFICE SYMBOL	AFRS-B&G	2	3	4	5	6
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Pacific Region, Laguna Niguel Office

REGISTRY OF ACQUISITION REPORT DATE OF REPORT 23 June 1948 REPORTS CONTROL SYMBOL (SEE REVERSE SIDE)

TO: WAR DEPARTMENT, OFFICE OF THE CHIEF OF ENGINEERS, REAL ESTATE, REALTY REQUIREMENTS DIVISION, REALTY CONTROL BRANCH, WASHINGTON 25, D.C.  
FROM (DIVISION): South Pacific

PROJECT NAME: Victorville Precision Bombing Range No. 15  
DIRECTIVE DATE: 2 Sept 1942  
DIRECTIVE NUMBER: RE-D 1574

PURPOSE: Bombing Target  
COUNTY: San Bernardino  
STATE: California

FINAL REPORT 2246	CURRENT PERIOD			PROGRESS TO DATE		
	TRACTS	ACRES	DOLLARS	TRACTS	ACRES	DOLLARS
GENERAL						
1. TOTAL AUTHORIZED FOR ACQUISITION				1	640	-
a. Fee				-	-	-
b. Easements & Lesser Interests				-	-	-
c. Public Lands				*1	640	-
d. Leased to U.S.				-	-	-
ACQUISITION OF FEE, EASEMENTS AND LESSER INT.						
2. TOTAL (Items 1a & 1b)						
3. TRACT OWNERSHIP DATA COMPLETED						
4. TRACT MAPS COMPLETED						
5. APPRAISALS APPROVED						
6. TITLE EVIDENCE ORDERED						
7. TITLE EVIDENCE RECEIVED						
PURCHASE (including Donations)						
8. OPTIONS OBTAINED						
9. OPTIONS ACCEPTED						
10. TITLE EVIDENCE SUBMITTED						
11. PRELIMINARY TITLE APPROVED						
12. PAYMENTS AND CLOSINGS COMPLETED						
13. FINAL TITLE PAPERS SUBMITTED						
CONDEMNATION (Including Declarations of Taking)						
14. ASSEMBLIES SUBMITTED						
15. CONDEMNATION PETITION FILED						
16. ORDER OF POSSESSION ENTERED						
17. TITLE EVIDENCE TO U.S. ATTORNEY						
18. DECLARATION OF TAKING FILED						
19. STIPULATIONS AND AWARDS APPROVED						
20. AWARDS AND DEFICIENCIES DEPOSITED						
21. PARTIAL DISBURSEMENTS						
22. FULL DISBURSEMENTS						

PROJECT MANAGER: *John M. Kenner*  
JOHN M. KENNER  
Chief, Real Estate Division  
OFFICE ADDRESS: SOUTH PACIFIC DIVISION, Oakland Army Base, Oakland 14, California

G-3

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Pacific Region, Laguna Niguel Office

INSTRUCTIONS

- a. REPORTS WILL BE PREPARED QUARTERLY AS OF 15 MARCH, 15 JUNE, 15 SEPTEMBER, AND 15 DECEMBER.
- b. REPORTS WILL BE PREPARED IN QUADRUPLICATE FOR THE FOLLOWING DISTRIBUTION: Forward original and one copy in sufficient time to reach the Office, Chief of Engineers on or before the 22nd of the month in which the report is prepared. One copy forwarded to the Division Office and one copy retained in the project office.
- c. SUBMISSION OF REPORTS WILL BEGIN AS SOON AS NOTICE OF ISSUANCE OF A DIRECTIVE IS RECEIVED AND CONTINUED UNTIL ALL ACTION HAS BEEN COMPLETED, INCLUDING DISTRIBUTION OF FUNDS DEPOSITED ON EXCESS AWARDS.
- d. RECORDS WILL BE MAINTAINED ON A FRACTIONAL ACREAGE AND DOLLAR BASIS: Totals thereof however will be rounded to the nearest acre or dollar in preparing this report (.50 acre will be reported as an additional acre; 50 cents will be reported as an additional dollar).
- e. THE NUMBER OF TRACTS, ACRES, AND AMOUNT OF MONEY SHOWN IN ITEM 1 OF THE INITIAL REPORT WILL BE AS RECITED IN THE DIRECTIVE. The number of tracts and acres will be revised as the preparation of tract ownership data and tract maps progresses. The amount of money will remain constant under item 1 unless changed by a subsequent Directive.
- f. THIS REPORT WILL COVER ALL TYPES OF ACQUISITION OF REAL ESTATE OR INTERESTS THEREIN:
  1. Tracts involving Public Domain, State owned land not being acquired, or land to be leased will NOT be reported in six columns of report but will be reported under remarks below. Tracts under lease will be identified by contract number, tract number and acreage.
  2. Completed transactions not involving condemnation which do not follow regular acquisition procedure steps (such as easements, licenses, and donations) will for report purposes be reflected in all purchase steps (items 8-13) and will be identified by appropriate footnote showing interest acquired and number of tracts. Where no actual acreage is involved as in the case of informal agreements to top trees, only "tract" and "dollar" data will be reported.
- g. ALL TRACTS TRANSFERRED FROM "PURCHASE" TO "DECLARATION OF TAXING" SHOULD BE DEDUCTED FROM ALL "PURCHASE" STEPS AFFECTED AND REPORTED UNDER "DECLARATION OF TAXING".
- h. ALL TRACTS TRANSFERRED FROM "CONDEMNATION" TO "PURCHASE" SHOULD BE DEDUCTED FROM ALL "CONDEMNATION" STEPS AFFECTED AND REPORTED UNDER THE "PURCHASE" STEPS.
- i. WHERE TWO OR MORE "REAL ESTATE DIRECTIVES" HAVE BEEN ISSUED IN CONNECTION WITH THE SAME PROJECT, A SEPARATE REPORT WILL BE SUBMITTED FOR EACH DIRECTIVE. "GENERAL DIRECTIVES" WILL BE REPORTED WITH THE "REAL ESTATE DIRECTIVE TO WHICH EACH RELATES.

ADDITIONAL TRACTS: DURING THE CURRENT PERIOD, \_\_\_\_\_ TRACTS, IDENTIFIED AS TRACTS NUMBERS \_\_\_\_\_  
WERE ADDED UNDER THE FOLLOWING AUTHORITY \_\_\_\_\_

AND FOR THE FOLLOWING REASONS:

TRACT REDUCTIONS: DURING THE CURRENT PERIOD, \_\_\_\_\_ TRACTS, IDENTIFIED AS TRACTS NUMBERS \_\_\_\_\_  
WERE DROPPED UNDER THE FOLLOWING AUTHORITY \_\_\_\_\_

AND FOR THE FOLLOWING REASONS:

REMARKS

- \* 640 Acres of Public Domain transferred from Department of the Interior by implied transfer, no formal permission obtained for use.

Office of the Chief of Engineers  
Real Estate Division

TRACT REGISTER

PRELIMINARY  
 FINAL 2246

(Separate Register to be prepared for each Real Estate Directive)

PROJECT (Official Name)		PURPOSE (As Set Forth in Directive)				DATE OF DIRECTIVE	DIRECTIVE NUMBER
Victorville Precision Bombing Range No. 16, Calif		Bombing Target				2 September 1942	RE-D 1554
TRACT NUMBER	LANDOWNER'S NAME	ACREAGE	PRICE	ESTATE 1/	METHOD 2/	LAST ACTION STEP TAKEN	REMARKS (Including Contract No. of Lessee)
161	Department of the Interior	640.00	---		T	Implied Transfer	No formal permission obtained for use

Reproduced from the holdings of the National Archives  
Pacific Region, Los Angeles Region, Pacific Office

DIVISION SOUTH PACIFIC

1

TOTAL

610.00

DATE PREPARED 23 June 1948

1/ fee Fee; 1C Leasehold; 1L License; 1P Permit; 1E Easement;  
 2/ fee Purchase; 1D/T Declaration of Taking; 1WPA War Powers Act Condemn.;  
 1U Unnegotiated; 1T Transfer; 1D Donation; 1SC Straight Condemn.;  
 1L Lease; 1MWA Matured War Powers Action.

ADMITTED  
 23 June 1948  
 W. A. DeLoach

Reproduced from the holdings of the National Archives  
Pacific Region, Laguna Niguel Office

Real Estate Directive  
Consecutive No. RE-D 1554  
Sept. 4, 1942

CE 601.53 (Victorville Fly. School, Calif.) SP21A

2 September 1942

SUBJECT: Land Acquisition, Bombing Ranges for Victorville Army Flying School,  
Victorville, California.

TO : The Commanding General of the Services of Supply.

1. There is a military necessity for the acquisition of land indicated under subject above, and described more in detail in paragraph 2, below.

2. Description of land, and other pertinent data, are as follows:

a. BRIEF DESCRIPTION OF LAND: These Targets lie in an east and south-easterly direction from Victorville and about 42 miles north of San Bernardino and about 112 miles in a northeasterly direction from Los Angeles. The bombing sites each contain approximately 640 acres of land and can be located on the attached directive map by Range and Township.

b. PROPOSED USE: Bombing Targets.

c. ACREAGE INVOLVED: Approximately 10,720 acres.

d. ESTIMATED COST: \$13,000.

e. METHOD OF ACQUISITION: Acquisition of fee simple title by purchase or condemnation of 2840 acres and the remaining 7880 acres to be withdrawn from public domain by Executive Order and jurisdiction thereof transferred from the Department of Interior to the War Department.

f. REMARKS: It is noted that the Division Real Estate Director recommended acquisition of Sites Nos. 2 to 19 inclusive, however, Site No. 16 is omitted from the Appraisal Report and is marked out on the map. The approval of the Commanding General, Army Air Forces, covers 19 Ranges within this specified area and the elimination of Range No. 1, or substitution of another site, providing that site is within the danger area described in 5th Indorsement dated August 19, 1942. The estimated cost includes Sites 2 to 15 inclusive and Nos. 17, 18, and 19.

3. The determination of a military necessity is based upon the approval of the Commanding General, Army Air Forces, as indicated in attached 5th Indorsement, dated August 19, 1942, and upon construction directive dated February 20, 1942, which has been prepared in this office. The site has been cleared by the Interdepartmental Air Traffic Control Board.

4. Funds for this purpose are contained in Public 522, Project H-25.3, 77th Congress, approved April 28, 1942.

Pacific Region Engineer Office

SUBJECT: Land Acq. Mission, Bombing Range for Vis  
Victorville, California

5. It is recommended that the Under Secretary of War be informed that a military necessity exists for the above-mentioned acquisition and that he be requested to authorize this office to acquire the land necessary for this project.

For the Chief of Engineers:

THOMAS M. ROBINS,  
Major General,  
Acting Chief of Engineers.

2 Incls.  
#1-Ltr. 4/27/42 w/5 Incls. & 1 Incl.  
#2-Directive Map.

Pacific Region Logistical Office

SUBJECT: Land Acquisition, Bombing Ranges For Victorville Army Flying School, Victorville, California.

1st Ind.

War Department, Headquarters, Services of Supply,  
TO: The Under Secretary of War.

1. The Secretary of War directs that you be informed that a military necessity exists for the acquisition of the land referred to in the basic communication.

For the Commanding General:

W. D. STYER,  
Major General, G.S.C.,  
Chief of Staff.

2 Incls. n/c

2nd Ind.

Office of the Under Secretary of War,  
TO: Chief of Engineers.

*2 September 1942*

For acquisition of land in accordance with Section VII,  
Circular No. 47, W.D. 1942.

By direction of the Under Secretary of War:

2 Incls. n/c

BASIL D. EDWARDS,  
Colonel, Infantry  
Administrative Office.

1951769 "X"

*Aspart*  
*Tenn*  
*Walker*  
*Richards*  
*Howard*  
*Iswell*  
*Wolf*  
*Johnson*  
*Richardson*  
*Thom*  
*Drum*  
*Graham*  
*Rice*  
*Chapman*

UNITED STATES  
DEPARTMENT OF THE INTERIOR

Public Land Order 125

WITHDRAWING PUBLIC LANDS FOR USE OF THE WAR DEPARTMENT  
AS BOMBING TARGET SITES

CALIFORNIA

By virtue of the authority vested in the President and  
9337 1943  
pursuant to Executive Order No. ~~9346~~ of April 24, ~~1942~~, it  
is ordered as follows:

Subject to valid existing rights, the public lands in  
the following-described areas are hereby withdrawn from all  
forms of appropriation under the public-land laws, including  
the mining and mineral-leasing laws, and reserved for the use  
of the War Department as bombing target sites:

San Bernardino Meridian

- T. 5 N., R. 1 W.,  
sec. 22, E $\frac{1}{2}$ SW $\frac{1}{4}$  and SE $\frac{1}{4}$ ;
- sec. 23, W $\frac{1}{2}$ SW $\frac{1}{4}$ ;
- sec. 26, W $\frac{1}{2}$ NW $\frac{1}{4}$ ;
- sec. 27, NE $\frac{1}{4}$  and E $\frac{1}{2}$ NW $\frac{1}{4}$ .
- T. 6 N., R. 1 W., sec. 4.
- T. 4 N., R. 2 W.,  
sec. 5, SW $\frac{1}{4}$ ;
- sec. 6, SE $\frac{1}{4}$ ;
- sec. 7, NE $\frac{1}{4}$ ;
- sec. 8, NW $\frac{1}{4}$ .
- T. 6 N., R. 2 W.,  
sec. 27, S $\frac{1}{2}$ SW $\frac{1}{4}$ ;
- sec. 28, S $\frac{1}{2}$ SE $\frac{1}{4}$ ;
- sec. 33, NE $\frac{1}{4}$  and N $\frac{1}{2}$ SE $\frac{1}{4}$ ;
- sec. 34, NW $\frac{1}{4}$  and N $\frac{1}{2}$ SW $\frac{1}{4}$ .
- T. 5 N., R. 3 W., sec. 12.
- T. 6 N., R. 3 W., sec. 21.
- T. 4 N., R. 1 E.,  
sec. 21, E $\frac{1}{2}$ ;
- sec. 22, W $\frac{1}{2}$ .

copy to War Department, ) by  
Fish and Wildlife Service, )  
National Park Service. ) G.L.O.

APR 14 1943  
For Signature

SECRETARY'S  
MAIL CENTER  
APR 15 1943  
TO SOLICITOR

INTERIOR DEPT  
RECEIVED  
APR 15 1943  
SOLICITOR

FROM SOLICITOR  
APR 15 1943  
FOR SIGNATURE  
To Secretary  
MAY 1 1943  
For Signature

INTERIOR DEPT  
SECRETARY'S  
MAIL CENTER  
MAY 15 1943  
TO SOLICITOR

FROM SOLICITOR  
MAY 19 1943  
FOR SIGNATURE

RECEIVED  
MAY 16 1943  
ASST. SECY'S OFFICE

RECEIVED  
MAY 20 1943  
SECRETARY'S  
MAIL CENTER

- T. 5 N., R. 1 E.,  
 sec. 3, SW $\frac{1}{4}$ ;  
 sec. 4, SE $\frac{1}{4}$ ;  
 sec. 9, NE $\frac{1}{4}$ ;  
 sec. 10, NW $\frac{1}{4}$ .
- T. 4 N., R. 2 E.,  
 sec. 1, SE $\frac{1}{4}$ SE $\frac{1}{4}$ ;  
 sec. 12, S $\frac{1}{2}$ NE $\frac{1}{4}$  and NE $\frac{1}{4}$ SE $\frac{1}{4}$ .
- T. 5 N., R. 2 E.,  
 sec. 2, lot 1, SW $\frac{1}{4}$ NW $\frac{1}{4}$ ;  
 sec. 3, lots 1, 2, 3, S $\frac{1}{2}$ NE $\frac{1}{4}$ , and SE $\frac{1}{4}$ NW $\frac{1}{4}$ .
- T. 6 N., R. 2 E.,  
 sec. 34, E $\frac{1}{2}$ SW $\frac{1}{4}$  and SE $\frac{1}{4}$ ;  
 sec. 35, W $\frac{1}{2}$ SW $\frac{1}{4}$ .
- T. 4 N., R. 3 E.,  
 sec. 6, S $\frac{1}{2}$ SW $\frac{1}{4}$  and SW $\frac{1}{4}$ SE $\frac{1}{4}$ ;  
 sec. 7, W $\frac{1}{2}$ NE $\frac{1}{4}$ , NW $\frac{1}{4}$ , N $\frac{1}{2}$ SW $\frac{1}{4}$ , and NW $\frac{1}{4}$ SE $\frac{1}{4}$ .
- T. 6 N., R. 3 E.,  
 sec. 35, E $\frac{1}{2}$ ;  
 sec. 36, W $\frac{1}{2}$ .
- T. 3 N., R. 4 E., sec. 6.  
 T. 4 N., R. 4 E., sec. 5, N $\frac{1}{2}$ .  
 T. 5 N., R. 4 E., sec. 32, S $\frac{1}{2}$ .  
 T. 4 N., R. 5 E.,  
 sec. 30, S $\frac{1}{2}$ , unsurveyed;  
 sec. 31, N $\frac{1}{2}$ , unsurveyed.
- T. 6 N., R. 5 E., sec. 30.
- T. 2 N., R. 6 E.,  
 sec. 26, W $\frac{1}{2}$ ;  
 sec. 27, E $\frac{1}{2}$ .
- T. 4 N., R. 6 E., sec. 29.
- T. 3 N., R. 6 E.,  
 sec. 24, SE $\frac{1}{4}$ ;  
 sec. 25, NE $\frac{1}{4}$ .
- T. 3 N., R. 7 E.,  
 sec. 19, SW $\frac{1}{4}$ ;  
 sec. 30, NW $\frac{1}{4}$ .

The areas described, including both public and non-public lands, aggregate 11,560.08 acres.

This order shall take precedence over, but shall not rescind or revoke, the withdrawal for classification and other purposes made by Executive Order No. 6910 of November 26, 1934, as amended, so far as such order affects the above-described lands.

1951769 "R"

3

It is intended that the public lands described herein shall be returned to the administration of the Department of the Interior, when they are no longer needed for the purpose for which they are reserved.

MAY 20 1943

(SGD.) ABE FORTAS

L/S:RMCK

Acting Secretary of the Interior.

CALIFORNIA

WITHDRAWING PUBLIC LANDS FOR USE OF THE WAR DEPARTMENT AS BOMBING TARGET SITES

By virtue of the authority vested in the President and pursuant to Executive Order No. 9337 of April 24, 1943: It is ordered. As follows:

Subject to valid existing rights, the public lands in the following-described areas are hereby withdrawn from all forms of appropriation under the public-land laws, including the mining and mineral-leasing laws, and reserved for the use of the War Department as bombing target sites:

SAN BERNARDINO MERIDIAN

- T. 3 N., R. 1 W..
  - Sec. 22, E $\frac{1}{2}$ SW $\frac{1}{4}$  and SE $\frac{1}{4}$ ;
  - Sec. 23, W $\frac{1}{2}$ SW $\frac{1}{4}$ ;
  - Sec. 26, W $\frac{1}{2}$ NW $\frac{1}{4}$ ;
  - Sec. 27, NE $\frac{1}{4}$  and E $\frac{1}{2}$ NW $\frac{1}{4}$ .
- T. 6 N., R. 1 W., sec. 4.
- T. 4 N., R. 2 W..
  - Sec. 5, SW $\frac{1}{4}$ ;
  - Sec. 6, SE $\frac{1}{4}$ ;
  - Sec. 7, NE $\frac{1}{4}$ ;
  - Sec. 8, NW $\frac{1}{4}$ .
- T. 6 N., R. 2 W..
  - Sec. 27, S $\frac{1}{2}$ SW $\frac{1}{4}$ ;
  - Sec. 28, S $\frac{1}{2}$ SE $\frac{1}{4}$ ;
  - Sec. 33, NE $\frac{1}{4}$  and N $\frac{1}{2}$ SE $\frac{1}{4}$ ;
  - Sec. 34, NW $\frac{1}{4}$  and N $\frac{1}{2}$ SW $\frac{1}{4}$ .
- T. 5 N., R. 3 W., sec. 12.
- T. 6 N., R. 3 W., sec. 21.
- T. 4 N., R. 1 E..
  - Sec. 21, E $\frac{1}{2}$ ;
  - Sec. 22, W $\frac{1}{2}$ .
- T. 5 N., R. 1 E..
  - Sec. 3, SW $\frac{1}{4}$ ;
  - Sec. 4, SE $\frac{1}{4}$ ;
  - Sec. 9, NE $\frac{1}{4}$ ;
  - Sec. 10, NW $\frac{1}{4}$ .
- T. 4 N., R. 2 E..
  - Sec. 1, SE $\frac{1}{4}$ SE $\frac{1}{4}$ ;
  - Sec. 12, E $\frac{1}{2}$ NE $\frac{1}{4}$  and NE $\frac{1}{4}$ SE $\frac{1}{4}$ .
- T. 5 N., R. 2 E..
  - Sec. 2, lot 4, SW $\frac{1}{4}$ NW $\frac{1}{4}$ ;
  - Sec. 3, lots 1, 2, 3, S $\frac{1}{2}$ NE $\frac{1}{4}$ , and SE $\frac{1}{4}$ NW $\frac{1}{4}$ .
- T. 6 N., R. 2 E..
  - Sec. 34, E $\frac{1}{2}$ SW $\frac{1}{4}$  and SE $\frac{1}{4}$ ;
  - Sec. 35, W $\frac{1}{2}$ SW $\frac{1}{4}$ .
- T. 4 N., R. 3 E..
  - Sec. 6, S $\frac{1}{2}$ SW $\frac{1}{4}$  and SW $\frac{1}{4}$ SE $\frac{1}{4}$ ;
  - Sec. 7, W $\frac{1}{2}$ NE $\frac{1}{4}$ , NW $\frac{1}{4}$ , N $\frac{1}{2}$ SW $\frac{1}{4}$ , and NW $\frac{1}{4}$ SE $\frac{1}{4}$ .
- T. 6 N., R. 3 E..
  - Sec. 35, E $\frac{1}{2}$ ;
  - Sec. 36, W $\frac{1}{2}$ .
- T. 3 N., R. 4 E., sec. 8.
- T. 4 N., R. 4 E., sec. 5, N $\frac{1}{2}$ .
- T. 5 N., R. 4 E., sec. 32, S $\frac{1}{2}$ .
- T. 4 N., R. 5 E..
  - Sec. 30, S $\frac{1}{2}$ , unsurveyed.
  - Sec. 31, N $\frac{1}{2}$ , unsurveyed.
- T. 6 N., R. 5 E., sec. 30.
- T. 2 N., R. 6 E..
  - Sec. 26, W $\frac{1}{2}$ ;
  - Sec. 27, E $\frac{1}{2}$ .
- T. 4 N., R. 6 E., sec. 29.
- T. 3 N., R. 6 E..
  - Sec. 24, SE $\frac{1}{4}$ ;
  - Sec. 25, NE $\frac{1}{4}$ .

- T. 3 N., R. 7 E..
  - Sec. 19, SW $\frac{1}{4}$ ;
  - Sec. 30, NW $\frac{1}{4}$ .

The areas described, including both public and non-public lands, aggregate 11,560.08 acres.

This order shall take precedence over, but shall not rescind or revoke, the withdrawal for classification and other purposes made by Executive Order No. 6910 of November 26, 1934, as amended, so far as such order affects the above-described lands.

It is intended that the public lands described herein shall be returned to the administration of the Department of the Interior, when they are no longer needed for the purpose for which they are reserved.

ABE FORTAS,

Acting Secretary of the Interior.

MAY 20, 1943.

[F. R. Doc. 43-8565; Filed, May 27, 1943; 9:34 a. m.]

*Copy*

~~RESTRICTED~~

Basic: Ltr fr SEATSC to CG, ATSC, 601.53, Subj: "Declaration as Excess, Auxiliary Installations of Victorville Army Air Field, Victorville, California". (Cont'd)

- (4) Field No. 4, located 16 miles West of VAAF in T 6 N, R 8 W, SB B&M, comprising 640 acres leased land, (Lease No. W 868-Eng-2070, State of California, Lessor); Government-owned facilities, 4 field mix surfaced runways, 4 miles of 4-strand barbed wire fence and 2 small buildings installed by Marine Corps.

b. Bombing Targets: (Regional Map VAAF File No. 256, revised 8 March 1945, inclosure No. 1).

- (1) Target No. 1, located 8 miles East of VAAF in T 6 N, R 3 W, SB B&M, comprising 160 acres, Lease No. W 04-193-Eng-2623 (expired), Lessor, Carrie Kyles.
- (2) Target No. 2, located 12 miles East of VAAF, T 5 N, R 3 W, SB B&M, comprising 640 acres, 440 acres in fee and 200 acres Public Domain; Government-owned facilities include field mix surfacing, portable power shed, target frame and 1 mile of 2-strand barbed wire fence.
- (3) Target No. 3, located 16 miles East of VAAF in T 6 N, R 2 W, SB B&M, comprising 640 acres, 560 acres in fee and 80 acres Public Domain; Government-owned facilities are the same as Target No. 2.
- (4) Target No. 4, located 16 miles East of VAAF in T 4 N, R 2 W, SB B&M, comprising 640 acres in fee; Government-owned facilities are the same as Target No. 2.
- (5) Target No. 5, located 21 miles East of VAAF in T 6 N, R 1 W, SB B&M, comprising 691.96 acres Public Domain; Government-owned facilities are the same as Target No. 2.
- (6) Target No. 6, located 16 miles East of VAAF in T 5 N, R 1 W, SB B&M, comprising 640 acres, 240 acres in fee, 320 acres Public Domain, 80 acres surplus, Lease No. W 04-193-Eng-5550, Lessor, William Bruce Young.
- (7) Target No. 7, located 23 miles East of VAAF in T 5 N, R 1 E, SB B&M, comprising 640 acres, 400 acres in fee, 240 acres Public Domain; Government-owned facilities are the same as Target No. 2.

Classification controlled by authority Act. Asst. Chief of Staff,  
G-3 WDCR, Memorandum WDCR 311 (3 Jan 44) dated 3 January 1944

GRAYSON HEADLEY, Lt. Col., USA  
Inspector & Liaison Division, WDCR

RE 4754

24 Jan 1945

Basic: Ltr fr SEATSC to CG, ATSC, 601.53, Subj: "Declaration as Ex-cess, Auxiliary Installations of Victorville Army Air Field, Victorville, California". (Cont'd)

- (8) Target No. 8, located 29 miles Southeast of VAAF in T 4 N, R 1 E, SB B&M, comprising 640 acres Public Domain; Government-owned facilities include 3 circular areas surfaced with field mix.
- (9) Target No. 9, located 34 miles East of VAAF in T 5 & 6 N, R 2 E, SB B&M, comprising 657.28 acres Public Domain.
- (10) Target No. 10, located 38 miles Southeast of VAAF in T 4 N, R 2 & 3 E, SB B&M, comprising 649.54 acres Public Domain; Government-owned facilities are the same as Target No. 2.
- (11) Target No. 11, located 42 miles East of VAAF in T 6 N, R 3 E, SB B&M, comprising 640 acres, 320 acres Public Domain and 320 acres leased—Lease No. W 04-193-Eng-5327, Lessor, State of California; Government-owned facilities are the same as Target No. 2.
- (12) Target No. 12, located 45 miles East of VAAF in T 4 & 5 N, R 4 E, SB B&M, comprising 617.12 acres Public Domain; Government-owned facilities are the same as Target No. 2.
- (13) Target No. 13, located 45 miles Southeast of VAAF in T 3 N, R 4 E, SB B&M, comprising 636.30 acres Public Domain; Government-owned facilities are the same as Target No. 2.
- (14) Target No. 14, located 49 miles East of VAAF in T 6 N, R 5 E, SB B&M, comprising 640.46 acres Public Domain; Government-owned facilities are the same as Target No. 2.
- (15) Target No. 15, located 51 miles Southeast of VAAF in T 4 N, R 5 E, SB B&M, comprising 640 acres Public Domain (surplus).
- (16) Target No. 16, located 50 miles East-Southeast of VAAF in T 4 & 5 N, R 5 E, SB B&M, comprising 640 acres Public Domain; Government-owned facilities same as Target No. 2.

Classification cancelled by authority Actg. Asst. Chief of Staff  
04 WDCA, Memorandum WDCAT 321 (3 Jan 44) dated 3 January 1946

WATSON HEADLEY, Lt. Col., GSC  
Inspector & Liaison Division, WDGS

RE 4754

24 12 1946

~~CONFIDENTIAL~~

Basic: Ltr fr SBATSC to CG, ATSC, 601.53, Subj: "Declaration as Excess, Auxiliary Installations of Victorville Army Air Field, Victorville, California". (Cont'd)

- (17) Target No. 17, located 57 miles Southeast of VAAF in T 4 N, R 6 E, SB B&M, comprising 640 acres Public Domain; Government-owned facilities same as Target No. 2.
- (18) Target No. 18, located 61 miles Southeast of VAAF in T 3 N, R 6 & 7 E, SB B&M, comprising 627.42 acres Public Domain; Government-owned facilities same as Target No. 2.
- (19) Target No. 19, located 55 miles Southeast of VAAF in T 2 N, R 6 E, SB B&M, comprising 640 acres, 320 acres in fee and 320 acres Public Domain; Government-owned facilities include field mix surfaced targets, a frame target and 1 mile of 2-strand barbed wire fence.
- (20) Target No. 20, located 55 miles Southeast of VAAF in T 3 N, R 5 E, SB B&M, comprising 640 acres Public Domain; Government-owned facilities same as Target No. 2.
- (21) Target N-1, located 28 miles North of VAAF in T 10 N, R 2 W, SB B&M, comprising 644.75 acres Public Domain; Government-owned facilities are the same as Target No. 2.
- (22) Target N-2, located 33 miles North of VAAF in T 11 N, R 3 W, SB B&M, comprising 640 acres Public Domain; Government-owned facilities are the same as Target No. 2.
- (23) Target N-3, located 26 miles North of VAAF in T 10 N, R 3 W, SB B&M, comprising 640 acres Public Domain; Government-owned facilities are the same as Target No. 2.

c. Demolition Targets: (Regional Map VAAF File No. 256, revised 8 March 1945, Inclosure No. 1).

- (1) Target "Y", located 50 miles Southeast of VAAF in T 4 N, R 4 E and R 5 E, SB B&M, comprising 2240 acres Public Domain.

Classification controlled by authority Acct. Asst. Chief of Staff  
G-3 WLMAS. ~~CONFIDENTIAL~~ WDA 2 331 (3 Jan 44) dated 2 January 1946

~~CONFIDENTIAL~~

Laguna Niguel  
INSPECTOR GENERAL, U. S. COL. G-3  
Operations & Liaison Division, WLMAS

24 Jan 1946

ARMY SERVICE FORCES  
OFFICE OF THE CHIEF OF ENGINEERS  
REAL ESTATE

DATE 1946

# WARNING NOTICE

(Continental United States)

TO: DIRECTOR OF REAL ESTATE, OFFICE OF THE CHIEF OF ENGINEERS  
CHIEF, PLANNING BRANCH, ACQUISITION DIVISION, REAL ESTATE, O.C.E.  
CHIEF, REALTY CONTROL BRANCH, REQUIREMENTS DIVISION, REAL ESTATE, O.C.E.  
CHIEF, MANAGEMENT AND DISPOSAL DIVISION, REAL ESTATE, O.C.E.  
CHIEF, MANAGEMENT BRANCH, MANAGEMENT AND DISPOSAL DIVISION, REAL ESTATE, O.C.E.  
CHIEF, DISPOSAL BRANCH, MANAGEMENT AND DISPOSAL DIVISION, REAL ESTATE, O.C.E.  
CHIEF, OFFICE SERVICE DIVISION, O.C.E. (Surplus Properties)  
DIRECTOR OF MILITARY CONSTRUCTION, O.C.E., Attention: Mr. Lanier  
CHIEF, REDISTRIBUTION & SALVAGE DIVISION, READJUSTMENT, O.C.E.,  
Attention: Major Walker  
CHIEF, MILITARY RESERVATION DIVISION, OFFICE OF JUDGE ADVOCATE GENERAL,  
(Surplus Government Owned Properties)  
DIVISION ENGINEER, PACIFIC DIVISION, Attention: REAL ESTATE OFFICER,  
For Information Only

1. Notice was received on 6 February 1946 that, effective  
23 January 1946, the following described property has been classified as

INACTIVE        STANDBY        EXCESS        SURPLUS X REESTABLISHED        REDISTRIBUTED       

Name of Installation: Victorville A.A.F. Bombing Targets  
San

Location nearest: Victorville (City) Bernardino (County) Calif. (State)

Acres: Total \*        Owned        Lands        Public        Lesser        Interests        Leased       

Entire Installation X Portion of Installation       

Land Only        Land and Improvements X Improvements Only       

Industrial Installation        Command Installation X

Property Used By A.A.F. For Bombing Targets

2. Proposed disposition and remarks:

\*Correct area to be determined. Declaration covers Bombing Targets Nos. 1, 2, 3, 4,

5, 7, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19 and 20. Demolition Target "Y" (1), and

Wings Lake Glider School.

SFMOG 602 (23 Jun 46).

1 FEB 1946.

MEMORANDUM FOR THE CHIEF OF ENGINEERS:

Subject: Excess-Bombing Targets, Victorville, California.

1. Reference is made to the attached letter from Headquarters, San Bernardino Air Technical Service Command to the Commanding General, Air Technical Service Command, file SBATSC 601.53, dated 7 December 1945, with two indorsements and two inclosures, which reports certain property excess to the needs of that command.

2. The War Department has placed the subject bombing targets in the category of surplus, effective 23 January 1946.

3. It is, therefore, desired that action be initiated to dispose of the premises comprising Bombing Target Nos. 1, 2, 3, 4, 5, 7, 10, 11, 12, 13, 14, 16, 17, 18, 19 and 20, Demolition Target "Y(1)", and the Mirage Lake Glider School located in Victorville, California, substantially as described in the attached correspondence, in accordance with applicable laws, directives and regulations.

1 Incl:

#1-Ltr, Hq, San Bern  
ATSC to CG, ATSC,  
dtd 7 Dec 45, w/2  
Inds & 2 Incls.

BY COMMAND OF LIEUTENANT GENERAL LUTES:

HENRY C. WOLFE

Brigadier General, USA

Acting Director, Plans & Operations, ASF

H. E. Reifmeyer

Lt. Col., Corps of Engineers

Executive, Command Installation Branch  
Mobilization Division, ASF.

SUBJECT: Transfer of Surplus Facilities, Pacific Div, No. 4197-3 (Victorville AAF  
CALIFORNIA)

8th Ind

AFDIN 2D/2

11 Aug 1947

Hq, Army Air Forces, Washington 25, D.C.

TO: Director of Service, Supply & Procurement, WDGS, Attn: Services Group

1. It has been determined that Bombing Target Sites Nos. 3,7,10,11,12,13,14,15,16,17,19, and 20, located near Victorville, Calif, are no longer required for use of the Army Air Forces. Information required pursuant to Circular 2, War Dept 1947, was furnished by 2nd Ind, dated 15 Jan 1946 from this Hqs, to the Commanding General, Army Service Forces, to basic communication dated 7 Jan 1945 from the Commanding Office San Bernardino Air Tech Service Command.

2. In accordance with provisions of above cited circular it is requested that Target Sites Nos. 3,7,10 to 17 (incl), 19 and 20 be declared surplus and disposed of in accordance with existing laws and regulations.

3. It will be noted that Target Site No.1 has already been released and that Target Sites Nos. 2,4,5, and 18 will remain under the the jurisdiction of the AAF.

FOR THE COMMANDING GENERAL:

L.J. ERLER Col, A.C.  
Asst Chief, Air Install Div  
Asst Chief of Air Staff-4

2 Incls n/c

WDGSP/C2 35696

Disposal of Bombing Target Sites at Victorville Army  
Airfield, California.

G/E

D/SSSP

14 AUG 1947 *Comment No 1*  
Saj Chapin/5591/jg

1. Reference is made to the accompanying correspondence from the United States Engineer Office, Los Angeles, California, to the Commanding Officer, Air Tactical Command, March Field, dated 10 July 1946, with eight inclosures and two inclosures, in which it is indicated that Bombing Target Sites Nos. 3, 7, 10, 11, 12, 13, 14, 15, 16, 17, 19 and 20, located near Victorville, California, are no longer required by the Army Air Forces.

2. Effective 13 August 1947, War Department places the above Bombing Target Sites, substantially as described by the accompanying correspondence, in the category of surplus, except for any property which may already be in that category.

3. It is desired that property made surplus by this action be disposed of in accordance with applicable laws, directives, and regulations.

BY ORDER OF THE SECRETARY OF WAR:

LEW. LUTES  
Lieutenant General, GSC  
Director, Service, Supply  
and Procurement

1 Incl:  
Ltr from US Engr Of,  
to CO, ATC, -10 Jul 46,  
w/8 Incls. & 2 Incls.

W. W. LAPELEY  
Lt. Colonel, GSC  
Ass't Chief, Installations Branch  
Service, Supply and Procurement Div.

285 AUG 22 1947  
RECORDS DIV. CH.  
VICTORVILLE

AUG 13 1947

CH

COPY

WN-1917-K

DEPARTMENT OF THE ARMY  
OFFICE OF THE CHIEF OF ENGINEERS  
REAL ESTATE

DATE 13 MAY 1946

# WARNING NOTICE

(Continental United States)

TO: DIRECTOR OF REAL ESTATE, OFFICE OF THE CHIEF OF ENGINEERS  
CHIEF, PLANNING BRANCH, ACQUISITION DIVISION, REAL ESTATE, O.C.E.  
CHIEF, REALTY CONTROL BRANCH, REQUIREMENTS DIVISION, REAL ESTATE, O.C.E.  
CHIEF, MANAGEMENT AND DISPOSAL DIVISION, REAL ESTATE, O.C.E.  
CHIEF, MANAGEMENT BRANCH, MANAGEMENT AND DISPOSAL DIVISION, REAL ESTATE, O.C.E.  
CHIEF, DISPOSAL BRANCH, MANAGEMENT AND DISPOSAL DIVISION, REAL ESTATE, O.C.E.  
CHIEF, OFFICE SERVICE DIVISION, O.C.E. (Surplus Properties)  
DIRECTOR OF MILITARY CONSTRUCTION, O.C.E., Attention: Mr. Gates  
CHIEF, REDISTRIBUTION & SALVAGE DIVISION, READJUSTMENT, O.C.E.,  
Attention: Major Walker  
CHIEF, MILITARY RESERVATION DIVISION, OFFICE OF JUDGE ADVOCATE GENERAL,  
(Surplus Government Owned Properties)  
DIVISION ENGINEER, SOUTH PACIFIC DIVISION, Attention: REAL ESTATE OFFICER,  
For Information Only

1. Notice was received on 19 April 1946 that, effective  
15 April 1946, the following described property has been classified as

INACTIVE \_\_\_\_\_ STANDBY \_\_\_\_\_ EXCESS \_\_\_\_\_ SURPLUS \_\_\_\_\_ REESTABLISHED \_\_\_\_\_  REDISTRIBUTED \_\_\_\_\_

Name of Installation: Victorville Precision Bombing Range #16.

Location nearest: Victorville (City) Bernadine (County) Calif. (State)

Acreage: Total 640. W.D.          Public          Lesser           
Owned          Lands 640. Interests          Leased         

Entire Installation  Portion of Installation \_\_\_\_\_

Land Only  Land and Improvements \_\_\_\_\_ Improvements Only \_\_\_\_\_

Industrial Installation \_\_\_\_\_ Command Installation

Property Used By A.A.F. For Victorville AA Fld. Bombing Target.

2. Proposed disposition and remarks: WN-1817, dated 6 February 1946 is amended  
to withdraw the above area from Category of Surplus and place this Facility in  
an Active Status.

COPY

WM-5218

DEPARTMENT OF THE ARMY  
OFFICE OF THE CHIEF OF ENGINEERS  
REAL ESTATE

DATE 19 Aug. 1947.

# WARNING NOTICE

(Continental United States)

TO: DIRECTOR OF REAL ESTATE, OFFICE OF THE CHIEF OF ENGINEERS  
CHIEF, PLANNING BRANCH, ACQUISITION DIVISION, REAL ESTATE, O.C.E.  
CHIEF, REALTY CONTROL BRANCH, REQUIREMENTS DIVISION, REAL ESTATE, O.C.E.  
CHIEF, MANAGEMENT AND DISPOSAL DIVISION, REAL ESTATE, O.C.E.  
CHIEF, MANAGEMENT BRANCH, MANAGEMENT AND DISPOSAL DIVISION, REAL ESTATE, O.C.E.  
CHIEF, DISPOSAL BRANCH, MANAGEMENT AND DISPOSAL DIVISION, REAL ESTATE, O.C.E.  
CHIEF, OFFICE SERVICE DIVISION, O.C.E. (Surplus Properties)  
DIRECTOR OF MILITARY CONSTRUCTION, O.C.E., Attention: Mr. Gates  
CHIEF, REDISTRIBUTION & SALVAGE DIVISION, READJUSTMENT, O.C.E.,  
Attention: Major Walker  
CHIEF, MILITARY RESERVATION DIVISION, OFFICE OF JUDGE ADVOCATE GENERAL,  
(Surplus Government Owned Properties)  
DIVISION ENGINEER, SOUTH PACIFIC DIVISION, Attention: REAL ESTATE OFFICER,  
For Information Only

1. Notice was received on 15 August 1947 that, effective  
13 August 1947, the following described property has been classified as

INACTIVE \_\_\_\_\_ STANDBY \_\_\_\_\_ EXCESS \_\_\_\_\_ SURPLUS X REESTABLISHED \_\_\_\_\_ REDISTRIBUTED \_\_\_\_\_

Name of Installation: Victorville AAFld, Bombing Target Site #16.

Location nearest: Victorville (City) San Bernardino (County) Calif. (State)

Acreage: Total 640.0 W.D. 640.0 Public Lands 640.0 Lesser Interests \_\_\_\_\_ Leased \_\_\_\_\_

Entire Installation X Portion of Installation \_\_\_\_\_

Land Only X Land and Improvements \_\_\_\_\_ Improvements Only \_\_\_\_\_

Industrial Installation \_\_\_\_\_ Command Installation X

Property Used By AAF For Bombing Targets Sites

2. Proposed disposition and remarks: PLO No. 125, dated 20 May 1943.

602 Victorville Precision Bombing Range,  
California, 92387

1 November 1948

Director,  
Bureau of Land Management  
Department of the Interior,  
Washington, D. C.

Dear Sir:

Reference is made to Public Land Order No. 125, dated 27 May 1943, authorizing the use by this Department of certain public lands in the State of California for bombing targets for use in connection with Victorville Airfield, California.

Bombing targets 1, 5, 10, 11, 12, 13, 14 and 18, covered by Public Land Order 125, are no longer required by this Department and it is recommended that action be taken to cancel Public Land Order 125 insofar as applicable to these bombing targets. The lands used for the bombing targets are more particularly described in the inclosed Exhibit A.

Bombing targets 16, 20, Y & Z, also described in Exhibit A, are no longer required by this Department, and the use of these lands is hereby relinquished. These targets were apparently used by this Department under informal arrangements with your Department since no records of a permit or Public Land Order can be located.

All of the aforementioned bombing targets have been dedudded and have been certified to be free and clear of explosives or explosive objects reasonably possible to detect by visual inspection. Copies of the dedudding certificates are inclosed and designated as Exhibits F, G, H, and I.

Government improvements placed on the property consisted of concentric rings of light oil penetration, frame butts and appurtenances, fences and gates. All removable improvements have been removed. The light oil rings will be obliterated by weather action and no restoration work is deemed necessary by this Department.

Your cooperation in making these lands available is appreciated.

FOR THE CHIEF OF ENGINEERS:

Sincerely yours,

1 Inclosures  
Exhibits A thru J

W. H. HASTINGS  
Colonel, Corps of Engineers  
Assistant Chief of Engineers for Real Estate

CY FOR SPD ENGR

copy

G-10

**REALTY CONTROL FILE SUMMARY**  
(Land Acquisitions and Disposals Subsequent to 1 July 1940)

RESERVATION NAME: 2246

Victorville Precision Bombing Range No. 16, California

OFFICIALLY DESIGNATED BY:

LOCATION:

In San Bernardino County, 42 miles Southeast of Barstow, California

TYPE:

Bombing Target

LAND OWNERSHIP AND COST DATA

ACQUISITION ACTIONS

Exhibits "A"

NET AREA

640.00 acres, transfer, total area acquired \*  
640.00 acres, \*\*  
0.00

DISPOSAL ACTIONS

Exhibits "B"

GROSS COST

JURISDICTION

RELOCATIONS

FINAL PROJECT MAP

Exhibit "F"

MISCELLANEOUS PAPERS

REMARKS

\* Implied transfer from Dept. of Interior.  
\*\* Relinquished to Dept. of Interior, 11-1-48.

REAL PROPERTY MANAGEMENT AND DISPOSAL REPORT

REGISTRATION CONTROL SYMBOL  
ENGL-12 (R31)

TO: Chief of Engineers ATTENTION: ENGLH Washington 25, D. C.	DIVISION South Pacific	DISTRICT Los Angeles	DATE OF REPORT 1 September 1954
--	---------------------------	-------------------------	------------------------------------

PART I FINAL REPORT

INSTALLATION Victorville Precision Bombing Range No. 16, Audit No. 2246	LOCATION 4 1/2 miles East of Victorville					
<input type="checkbox"/> ARMY <input type="checkbox"/> ATOMIC ENERGY COMMISSION	<input checked="" type="checkbox"/> AIR FORCE <input type="checkbox"/> MILITARY <input type="checkbox"/> COMMAND <input type="checkbox"/> INDUSTRIAL					
ACREAGE ENTIRE INSTALLATION	FEE OWNED -	PUBLIC LAND 640	LEASED -	LESSOR INT. -	COUNTY San Bernardino	STATE California

PART II

DATE	STATUS	E OR P	FEE OWNED (Acres) (1)	PUBLIC LANDS (Acres) (2)	LEASED (Acres) (3)	LESSOR INT. (Acres) (4)	NATURE OF FACILITIES	COST TO GOVT. (Dollars)	CUSTODY BY C. E. (Date)
8-13-47	Surplus	E	-	640	-	-	Bombg Range	4500	10-30-47
B									
C									
D									
E									
F									
G									
H									
I									

PART III

TEMPORARY USE GRANTS

REF.	IN PROCESS			GRANTED			PURPOSE
	NO.	ACRES	CONSIDERATION (\$)	NO.	ACRES	CONSIDERATION (\$)	

REPORTED TO WAA OR GSA

REF.	REPORTED TO WAA OR GSA	DESIGNATED DISPOSAL AGENCY	DATE DESIGNATED	DISPOSITION

TRANSFER OR RETRANSFER TO OTHER GOVERNMENT AGENCIES

REF.	DATE AUTHORIZED	RECEIVING AGENCY	DATE OF LTR FROM ARMY AF OR AEC	RESTORATION OR BLDG. DISP. COMPLETED (Date)	DATE CUSTODY ASSUMED
1-2	8-13-47	Dept. of Interior	11-1-48	-	*

LEASE CANCELLATIONS

REF.	NO.	ACRES	RENTAL (Dollars)	REPORTED TO GSA	CANCELED

OTHER DISPOSALS

REF.	CLASSIFIED	APPRAISED	ADVERTISED	DATE SET FOR OPENING OF BIDS	COMPLETED	CONSIDERATION (\$)

SIGNATURE  
*A. P. Cameron*  
A. P. CAMERON

TITLE  
Chief, Reports, Records  
and Audits Section

ADDRESS  
751 S. Figueroa Street  
Los Angeles, California

ENR FORM 836  
MAY 50

(Letter of Transmittal Unnecessary)

**INSTRUCTIONS**

All numbers will be rounded to the nearest dollar or acre in preparing this report

- A. REPORTS WILL BE PREPARED MONTHLY AS OF THE 15TH DAY OF EACH MONTH.
- B. REPORTS WILL BE PREPARED IN QUADRUPPLICATE FOR THE FOLLOWING DISTRIBUTION: Original and one copy will be forwarded to as to reach the Chief of Engineers, ATTENTION ENGLISH, not later than the 15th day of the month in which the report is prepared. One copy forwarded to the Division office and one copy retained in the preparing office.
- C. WHEN REQUIRED: Reports will be received commencing with the month in which the installation or new portion thereof is placed in Standby, Inactive, Excess, or Surplus status and continued until excess or surplus property is disposed of by transfer, sale, termination of leases, or otherwise, but if another portion of the installation is placed in a management or disposal status at a later date and the report resumed, all previous actions subsequent to 1 July 1949, will be reflected; where the installation or portion thereof is Inactive or Standby, the report may be suspended when the granting of temporary use of facilities made available for such purposes shall have been completed or definite information shall have been received that temporary use of facilities at installations or portions thereof in Standby or Inactive status cannot be granted. Only military installations are definitively placed in a Standby or Inactive status; therefore, reports covering Civil Works or Atomic Energy Commission Projects are required only in connection with Excess or Surplus statuses. Where no progress has been made during a reporting period, a "Negative ENG Form 38" may be submitted identifying the installation, the State, the Division, the District, and the reporting period with the words, "No Progress since report dated . . .", posted in PART II of the report.
- D. PART I will identify the installation as to name, location, department and type and set forth the entire acreage either acquired or being acquired. The acreage will be divided to show Fee Owned, Public Lands (Public Domain and Lands transferred from other Government Agencies), Leased, and Lesser interests. If an installation is part industrial and part Command, the acreages of these parts similarly broken down will be reflected in "Remarks." State, County or municipally owned lands will not be shown as Public Lands.
- E. PART II will reflect information as to areas which have been placed in a "Standby," "Inactive," "Excess," or "Surplus" status. A separate line will be used for each report of status, but subsequent withdrawals or adjustments affecting an area will be reflected by net figures with an explanation under "Remarks." The date will be that on which the Appropriate Authority approved the status. A symbol P or E will be used to denote whether the area is a Portion of or the Entire installation. The acreage will be divided as explained in PART I above, but will cover only the actual area or areas involved, the nature or use of the area will be reflected under "Nature of facilities," i. e. Housing Area, Warehouse Area, Modification Center No. 2, POW Camps, etc. and if the installation is comprised of both command and industrial portions the Symbol I (Industrial) or C (Command) will be used to indicate to which portion the area belongs. The cost of both land and construction will be shown under "Cost to Government." If the Corps of Engineers assumed custody the date will be shown, otherwise "NO" will be entered in the last column.
- F. PART III will reflect management or disposal actions taken in connection with areas listed under PART II. The reference column will indicate the area by referring to the line on which it is listed under PART II (A, B, C, etc.) and the appropriate column (1), (2), (3), or (4). No areas or portions of areas which were listed separately in PART II will be combined in a single line under PART III; however,

- it may be necessary to use several lines under PART III to reflect separate actions taken in connection with an area listed on a single line under PART II. The latter occurrences will be explained under "Remarks" and if necessary a further division of acreage noted.
- (1) TEMPORARY USE GRANTS will be reported by cumulative figures showing the number of instruments, acres involved and annual commensuration. When right of entry has been given but a formal instrument not executed and delivered it will be reported "In process" with appropriate footnote under "Remarks" including date right of entry granted. After delivery of the instrument it will be reported "granted." "Purpose" will reflect type of interest (L for Lease, Li for License and the proposed use of the area, such as agriculture, industrial, etc. Elaboration where necessary will be made under "Remarks."
- (2) REPORTS TO WAA OR GSA will include only property formally reported by Forms SPS-3, SPA-1, WAA 1065, or GSA Form 30 for disposal but will not include leases reported for clearance purposes only. The following will be recorded: date of report, name of disposal agency designated, and the date disposal agency designated. (In case of Declaration of Surplus to WAA and its predecessor agencies, the date of designation of disposal agencies need not be recorded unless readily available.) Disposition column will be utilized (a) to reflect assumption of custody by the disposal agency by recording the symbol "CX" followed by the date of assumption, or (b) to refer to further disposal actions recorded in subsequent portions of the report where the CE is designated disposal agency or is acting under specific direction of GSA. The symbol "TR" will refer to "Transfer to other Government Agencies." The symbol "LC" will refer to "Lease Cancellations." The symbol "OD" will refer to "Other Disposals."
- (3) TRANSFERS TO OTHER GOVERNMENT AGENCIES will include transfer, retransfer, or relinquishment of all types of interests or estates on other Government Agency not acting as a disposal agency. If property has been reported to GSA and so reported under "Reported to WAA or GSA" the entry in the reference column will be preceded by the symbol "R." Entries in the second, third, and fourth columns will be made from information or informational copies of documents received from OCE, except when leases are transferred at the direction of GSA Field Offices. The date restoration or building disposal (if required) is completed will be shown, otherwise the entry "none" will be made. The last column will reflect the date of written acceptance either from a field or departmental level with appropriate notation in "Remarks."
- (4) LEASE CANCELLATIONS will include all excess or surplus leases which have been canceled or are proposed for cancellation. If leases have been formally reported for disposal to GSA (GSA Form 30), entry in the "Reference" column will be preceded by the symbol "R" and no entry will be made in "Reported to GSA" column. If leases have been reported to GSA (GSA Form 30) for clearance purposes only, the symbol "R" will not be placed in the "Reference" column and the date they were "Reported to GSA" for clearance will be recorded. An explanatory entry, reflecting disposal status, reasons for delay and expected termination date, will be made in "Remarks" for any lease that has been in an excess status for a period of 90 days or longer.
- (5) OTHER DISPOSALS will include sales, terminations of special contracts involving interests in realty, disposal of monuments, etc. Entries most nearly applicable to the circumstances will be recorded with an explanation in "Remarks" to explain unusual actions. If the property has been formally reported to GSA (by GSA Form 30) the symbol "R" will precede the entry in the "Reference" column.

REMARKS

PART II

<u>REF</u>	<u>AUTHORITY</u>	<u>P.I.</u>	<u>COST TO GOVT</u>
A-2	HW 32LS	640 ac	\$4,500.00

PART III

RETRANSFER TO OTHER GOV'T AGENCY

A-2	Implied transfer relinquished to Dept of Interior 11/1/48	640 ac	4,500.00
-----	---	--------	----------

NOTE: Letter dated 11/1/48 relinquished Public Land to Dept of Interior. As there is no record for the use of the land by Dept of the Air Force no official assumption of custody, by the Dept of Interior, will be effected.

**DATAQUICK**  
INFORMATION SYSTEMS

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SAN BERNARDINO COUNTY PARCEL LIST BY PARCEL NUMBER

1998 EDITION

PARCEL	OWNER NAME(S) MAILING ADDRESS SITUS ADDRESS PROPERTY DESCRIPTION	PHONE ZIP PROPERTY TYPE LEGAL DESCRIPTION	TRACT	USE CODE YE LOT BLK	MT/AC PARK POOL	BR BA RC ST	50 FT LOT SZ RUM ROOF	1ST TP 2ND TP TAXES FP	LAND VAL IMPR VAL ASSD VL VIEW	REC DATE DOC NO TFR VAL EX
0527-211-05	GOVERNMENT LAND #FILE* --VACANT--			000						
		INSTITUTE/ANNUAL EXMPT SEC 23 TP 5N R 5E 640 AC								NOSTRAN
0527-211-06	GOVERNMENT LAND #FILE* --VACANT--			000						
		INSTITUTE/ANNUAL EXMPT FRACTL SEC 24 TP 5N R 5E 626.56 AC								NOSTRAN
0527-211-07	UNITED STATES OF #FILE* --VACANT--			000						
		INSTITUTE/ANNUAL EXMPT ALL SEC 25 TP 5N R 5E 632.08 AC								NOSTRAN
0527-211-08	GOVERNMENT LAND #FILE* --VACANT--			000						
		INSTITUTE/ANNUAL EXMPT SEC 26 TP 5N R 5E 640 AC								NOSTRAN
0527-211-09	GOVERNMENT LAND #FILE* --VACANT--			000						
		INSTITUTE/ANNUAL EXMPT SEC 27 TP 5N R 5E 640 AC								NOSTRAN
0527-211-10	GOVERNMENT LAND #FILE* --VACANT--			000						
		INSTITUTE/ANNUAL EXMPT SEC 28 TP 5N R 5E 640 AC								NOSTRAN
0527-211-11	SF PACIFIC PROPE 201 MISSION ST-SAN FRANCISCO CA #FILE* --VACANT--	94105 RECREATIONAL		000			640.00A	451	39,29%	07/10/90 11775 NOSTRAN
		ALL SEC 29 TP 5N R 5E 640 AC								
0527-211-12	GOVERNMENT LAND #FILE* --VACANT--			000						
		INSTITUTE/ANNUAL EXMPT FRACTL SEC 30 TP 5N R 5E 586.33 AC								NOSTRAN
0527-211-13	GOVERNMENT LAND #FILE* --VACANT--			000						
		INSTITUTE/ANNUAL EXMPT FRACTL SEC 31 TP 5N R 5E 591.16 AC								NOSTRAN
0527-211-14	GOVERNMENT LAND #FILE* --VACANT--			000						
		INSTITUTE/ANNUAL EXMPT SEC 32 TP 5N R 5E 640 AC								NOSTRAN
0527-211-15	SF PACIFIC PROPE 201 MISSION ST-SAN FRANCISCO CA #FILE* --VACANT--	94105 RECREATIONAL		000			640.00A	451	39,29%	07/10/90 11775 NOSTRAN
		ALL SEC 33 TP 5N R 5E 640 AC								
0527-211-05										*** N11 ***

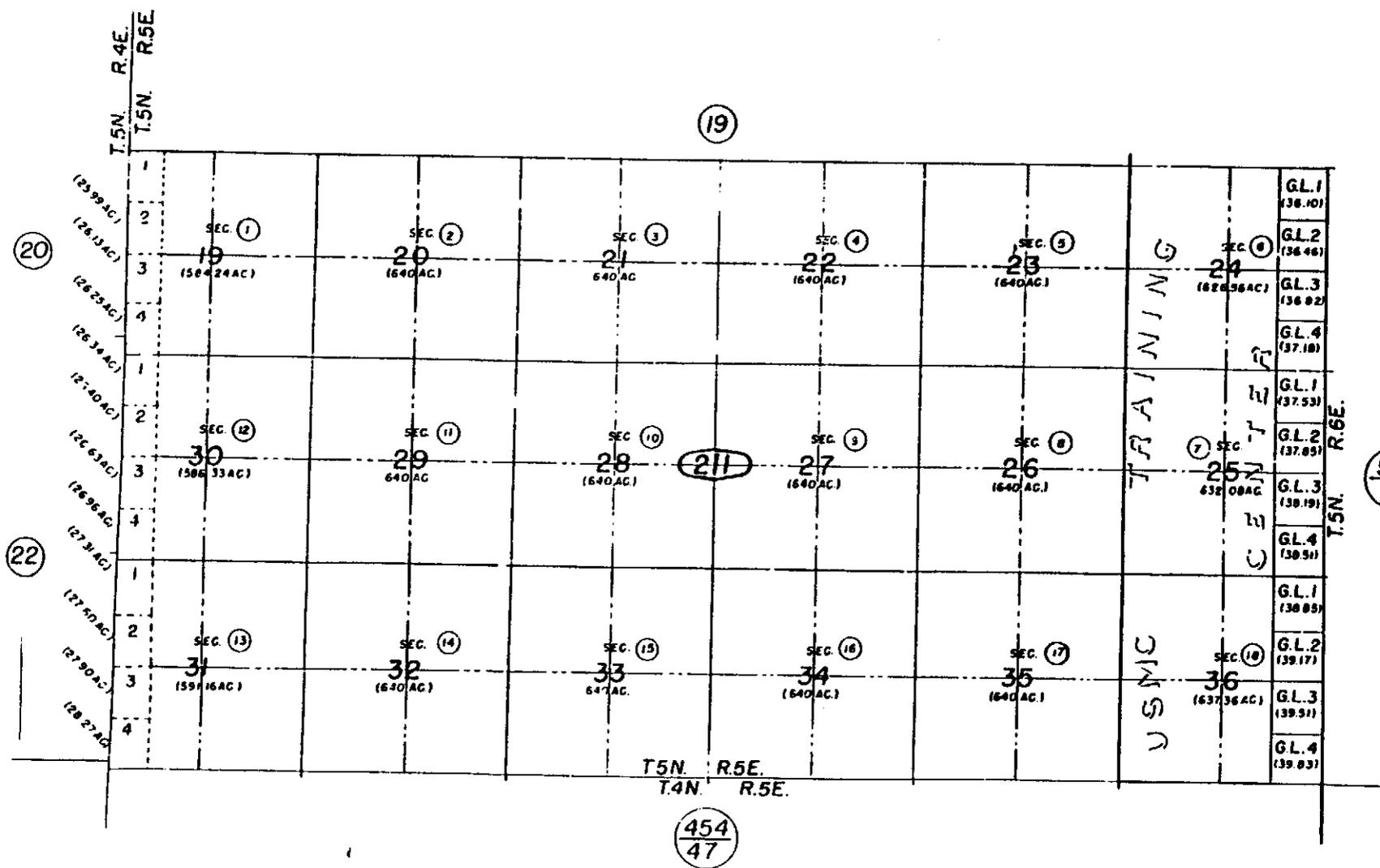
PBR #16





Fractional Sec's. 19, 24, 25, 30, 31, 36, & Sec's. 20, 21, 22, 23, 26, 27, 28, 29, 32, 33, 34, 35,  
T.5N. R.5E., S.B. B. & M.

Silver Valley Unified 527- 21  
Tax Rate Area  
109039



PBR #16  
→

March 1959

Note- Assessor's Blk. & Lot  
Numbers Shown in Circles

Assessor's Map  
Book 527, Page 21  
San Bernardino, County

REVISED  
4-7-57



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SAN BERNARDINO COUNTY PARCEL LIST BY PARCEL NUMBER

1998 EDITION

PARCEL	OWNERS NAME(S) MAILING ADDRESS SITUS ADDRESS PROPERTY DESCRIPTION	PHONE ZIP PROPERTY TYPE LEGAL DESCRIPTION	TRACT	USE CODE YB LOT BLK	HT/AC PARK POOL	BR BA NC ST	SQ FT LOT SZ RUM ROOF	1ST TD 2ND TD TAXES FP	LAND VAL IMPR VAL ASSD VL VIEW	REC DATE DOC NO TFR VAL EX
0454-461-09	GOVERNMENT LAND #FILE+ --VACANT--			000						NOSTRAN
		INSTITUTE/ANNUAL EXMPT SEC 10 TP 4N R 4E 640 AC								
0454-461-10	GOVERNMENT LAND #FILE+ --VACANT--			000						NOSTRAN
		INSTITUTE/ANNUAL EXMPT SEC 9 TP 4N R 4E 640 AC								
0454-461-11	GOVERNMENT LAND #FILE+ --VACANT--			000						NOSTRAN
		INSTITUTE/ANNUAL EXMPT SEC 8 TP 4N R 4E 640 AC								
0454-461-12	GOVERNMENT LAND #FILE+ --VACANT--			000						NOSTRAN
		INSTITUTE/ANNUAL EXMPT FRACTL SEC 7 TP 4N R 4E 654.92 AC								
0454-461-13	GOVERNMENT LAND #FILE+ --VACANT--			000						NOSTRAN
		INSTITUTE/ANNUAL EXMPT SEC 17 TP 4N R 4E								
0454-461-14	GOVERNMENT LAND #FILE+ --VACANT--			000						NOSTRAN
		INSTITUTE/ANNUAL EXMPT SEC 15 TP 4N R 4E								
0454-461-15	GOVERNMENT LAND #FILE+ --VACANT--			000						NOSTRAN
		INSTITUTE/ANNUAL EXMPT SEC 14 TP 4N R 4E 640 AC								
0454-461-16	GOVERNMENT LAND #FILE+ --VACANT--			000						NOSTRAN
		INSTITUTE/ANNUAL EXMPT SEC 13 TP 4N R 4E 640 AC								
0454-471-01	GOVERNMENT LAND #FILE+ --VACANT--			000						NOSTRAN
		INSTITUTE/ANNUAL EXMPT SEC 6 TP 4N R 5E								
0454-471-02	GOVERNMENT LAND #FILE+ --VACANT--			000						NOSTRAN
		INSTITUTE/ANNUAL EXMPT SEC 5 TP 4N R 5E								
0454-471-03	GOVERNMENT LAND #FILE+ --VACANT--			000						NOSTRAN
		INSTITUTE/ANNUAL EXMPT SEC 4 TP 4N R 5E 640 AC								

PBR #16



0454-461-09

C 1 6

\*\*\* C16 \*\*\*



rational Sec. 12, & Sec's 1,2,3,4,5,6,7,8,9,10,11,13,14,15, 16, 17, 18 T.4N. R.5E. S.B B. & M.

Lucerne Valley Union 454  
Tax Code Area  
8811

7

527  
21

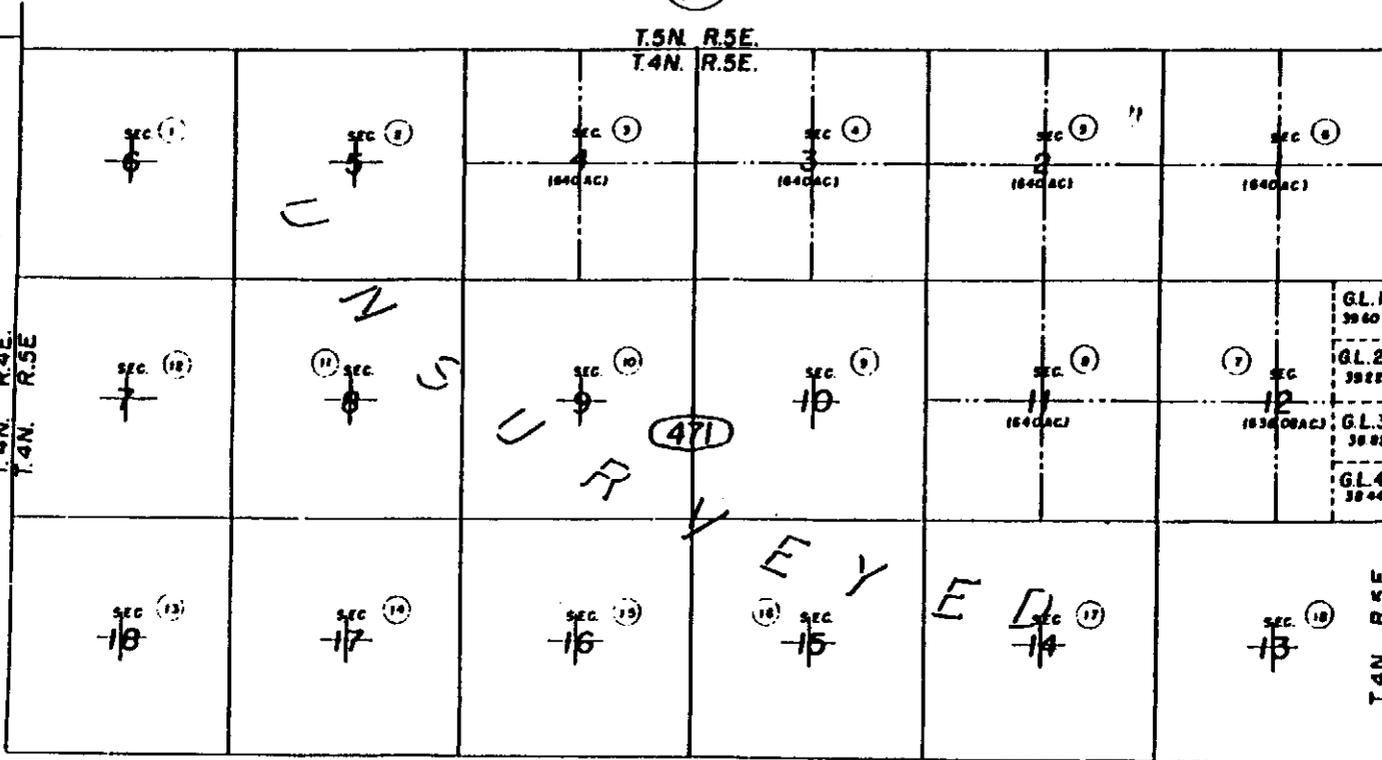
T.5N. R.5E.  
T.4N. R.5E.

PBR #16



46

T.4N. R.4E.  
T.4N. R.5E.



MORONGO

635  
32

48

March, 1959

Note - Assessor's Blk. & Lot  
Numbers Shown in Circles

Assessor's Map  
Book 454, Page 47  
San Bernardino County

REVISED  
3/29/65

G-13



ORDNANCE AND EXPLOSIVES  
ARCHIVES SEARCH REPORT  
FOR  
VICTORVILLE  
PRECISION BOMBING RANGE #16  
SAN BERNARDINO COUNTY, CALIFORNIA  
PROJECT NUMBER J09CA068201

**APPENDIX H**

**NEWSPAPERS/JOURNALS**

(Not Used)

ORDNANCE AND EXPLOSIVES  
ARCHIVES SEARCH REPORT  
FOR  
VICTORVILLE  
PRECISION BOMBING RANGE #16  
SAN BERNARDINO COUNTY, CALIFORNIA  
PROJECT NUMBER J09CA068201

**APPENDIX I**

**INTERVIEWS**

## APPENDIX I

### INTERVIEWS

#### Table of Contents

- I-1 Conversation Record, Subject: Interview with Messrs. Bill Myers and Bob Hall, San Bernardino County Sheriff's Office Bomb Squad
- I-2 Conversation Record, Subject: Interview with Mr. Jerry Bronson, North Zone Supervisor for the Law Enforcement Rangers for BLM, Barstow Field Office
- I-3 Conversation Record, Subject: Interview with EOD personnel, 759<sup>th</sup> EOD, Ft. Irwin, California
- I-4 Conversation Record, Subject: Interview with EOD personnel, Edwards Air Force Base, California
- I-5 Conversation Record, Subject: Interview with Mr. Glenn Brooks, formerly stationed at Victorville
- I-6 Conversation Record, Subject: Interview with Mr. Owen Cooper, formerly stationed at Victorville
- I-7 Conversation Record, Subject: Interview with Mr. Dick Whitbeck, former Huntsville Corps of Engineers employee

<b>CONVERSATION RECORD</b>	<b>TIME</b> 0930 PST	<b>DATE</b> 22 January 1998
----------------------------	-------------------------	--------------------------------

<b>TYPE</b>		
<input checked="" type="checkbox"/> VISIT	<input type="checkbox"/> CONFERENCE	<input type="checkbox"/> TELEPHONE
		<input type="checkbox"/> INCOMING
		<input type="checkbox"/> OUTGOING
<b>NAME OF PERSON CONTACT WITH</b> Bill Myers Bob Hall	<b>ORGANIZATION</b> San Bernardino Sheriff's Department	<b>TELEPHONE NO.</b> (909) 387-3598

**SUBJECT** Victorville Precision Bombing Ranges

**SUMMARY** Messrs. Hall and Myers are special detectives assigned to the San Bernardino Sheriff's Bomb Squad. Members of the assessment team met with the detectives at the Sheriff's Department. The detectives were shown a map of the Victorville bomb targets and were asked if they had any knowledge of ordnance being discovered at these sites.

They explained that they receive over 200 calls per year regarding military munitions due to the large military presence in San Bernardino County. Most of the munitions recovered have been moved a number of times before they are notified, so there is no way of determining the original location of the ordnance.

Mr. Myers stated that a 5-inch rocket had been recovered in the vicinity of bomb target 6, 7 or 8. He was unable to identify which target contained the rocket, but he recalled seeing a number of fins sticking out of the ground.

He stated that a 100-lb. practice bomb was recovered from target 14 about seven years ago.

Mr. Myers stated that he had hunted in the area surrounding target N-3, but he did not notice any ordnance in that area.

**ACTION REQUIRED**

**ACTION TAKEN**

<b>NAME OF PERSON DOCUMENTING CONVERSATION</b> George Ofslager	<b>ORGANIZATION</b> CEMVR-ED-DO	<b>TELEPHONE NUMBER</b> (309) 794-6024
<b>SIGNATURE</b> 	<b>TITLE</b> QA Spec (Ammo)	<b>DATE</b> 22 January 1998

<b>CONVERSATION RECORD</b>		<b>TIME</b> 8:00	<b>DATE</b> 23 Jan 98
<b>TYPE</b>			
<input checked="" type="checkbox"/> VISIT		<input type="checkbox"/> CONFERENCE	<input type="checkbox"/> TELEPHONE
			<input type="checkbox"/> INCOMING
			<input type="checkbox"/> OUTGOING
<b>NAME OF PERSON CONTACT WITH</b> Jerry Bronson	<b>ORGANIZATION</b> BLM, Barstow Field Office	<b>TELEPHONE NO.</b> (760) 252-6075	
<b>SUBJECT</b> Former Victorville Bombing Ranges.			

**SUMMARY**

Mr. Bronson is the North Zone Supervisor for the Law Enforcement Rangers for the BLM, Barstow Field Office.

During discussion with Mr. Bronson, he made comments about finding ordnance items in the area close to Victorville target N-3. He also commented that the rangers have found ordnance items in the past (didn't remember exact locations) but, he commented that they never touched any of the items, they would always call the EOD unit at Fort Irwin to remove the items.

**ACTION REQUIRED**  
NONE

**ACTION TAKEN**  
NONE

<b>NAME OF PERSON DOCUMENTING COVERSATION</b> Jodi L. Bausman	<b>ORGANIZATION</b> CEMVR-ED-DO	<b>TELEPHONE NUMBER</b> (309) 794-6157
<b>SIGNATURE</b> 	<b>TITLE</b> ENG. Tech.	<b>DATE</b> 23 Jan 98

<b>CONVERSATION RECORD</b>	<b>TIME</b> 0930	<b>DATE</b> Wed 28 Jan 1998
----------------------------	---------------------	--------------------------------

<b>TYPE</b>		
<input checked="" type="checkbox"/> VISIT	<input type="checkbox"/> CONFERENCE	<input type="checkbox"/> TELEPHONE
		<input type="checkbox"/> INCOMING
		<input type="checkbox"/> OUTGOING

<b>NAME OF PERSON CONTACT WITH</b> CPT Grimes, 1SG Fortney SFC Woods	<b>ORGANIZATION</b> 759 <sup>th</sup> EOD Ft. Irwin, CA	<b>TELEPHONE NO.</b> (760) 380-4092
--	---	--

**SUBJECT**  
Victorville Precision Bomb Targets

**SUMMARY**

CPT Grimes, 1SG Fortney and SFC Woods were questioned by the SI team whether they had any specific knowledge of OE presence at any of the Victorville PBRs. Neither of the 3 could recall the 759<sup>th</sup> responding to any OE incidents in the Victorville area. They had no knowledge any OE being discovered on any of the PBRs. SFC Woods referred the SI team to B.J. Allen, a former EOD in the COE San Diego Area Office, and the EODs at Edwards AFB.

**ACTION REQUIRED**

**ACTION TAKEN**

<b>NAME OF PERSON DOCUMENTING COVERSATION</b> Christopher J. Churney	<b>ORGANIZATION</b> CEMVR-ED-DO	<b>TELEPHONE NUMBER</b> (309) 794-6011
<b>SIGNATURE</b> <i>Christopher J. Churney</i>	<b>TITLE</b> Chem Engineer	<b>DATE</b> 28 Jan 1998

<b>CONVERSATION RECORD</b>	<b>TIME</b> 0845	<b>DATE</b> Thu 29 Jan 1998
----------------------------	---------------------	--------------------------------

**TYPE**

VISIT                       CONFERENCE

TELEPHONE  
 INCOMING  
 OUTGOING

<b>NAME OF PERSON CONTACT WITH</b> MSGT Hepner TSGT Glinka	<b>ORGANIZATION</b> 95 <sup>th</sup> CEG/CED Edwards AFB, CA	<b>TELEPHONE NO.</b> (805) 277-2162
--	--	--

**SUBJECT**  
Victorville Precision Bomb Targets

**SUMMARY**

MSGT Hepner and TSGT Glinka have been with the 95<sup>th</sup> CEG/CED for a few months and 5 ½ years respectively. Although they have responded to OE incidents at George AFB (formerly Victorville AAF), neither could recall ever responding to OE incidents at any of the Victorville PBRs. Neither had any knowledge of any OE incidents occurring at the Victorville PBRs. Both stated the EODs at Fort Irwin would normally respond to any incidents in the area of the PBRs.

**ACTION REQUIRED**

**ACTION TAKEN**

<b>NAME OF PERSON DOCUMENTING COVERSATION</b> Christopher J. Churney	<b>ORGANIZATION</b> CEMVR-ED-DO	<b>TELEPHONE NUMBER</b> (309) 794-6011
<b>SIGNATURE</b> <i>Christopher J. Churney</i>	<b>TITLE</b> Chem Engineer	<b>DATE</b> 29 Jan 1998

<b>CONVERSATION RECORD</b>		<b>TIME</b> 11:00 AM	<b>DATE</b> 2 March 1998
<b>TYPE</b>			
<input type="checkbox"/> VISIT		<input type="checkbox"/> CONFERENCE	
		<input type="checkbox"/>	TELEPHONE
		<input type="checkbox"/>	INCOMING
		X	OUTGOING
<b>NAME OF PERSON CONTACTED</b> Glenn Brooks	<b>ORGANIZATION</b> Former Airman	<b>TELEPHONE NO.</b> (405) 732-8877	
<b>SUBJECT</b> Victorville PBRs			

**SUMMARY:**

Mr. Brooks said that he was part of the initial enlisted cadre and arrived at Victorville AAF in September of 1941. He was in the aircraft maintenance branch and remembered working on the Beechcraft AT-7 and AT-11 as well as the Lockheed P-38. He said the P-38s arrived straight from the plant in early 1942. The P-38 pilots carried both .50 caliber and 20mm machine guns, but these were fired only at the Muroc Dry Lake range near what is now Edwards AFB.

He knew specifically of 4 Victorville AAF bombing ranges that were in dry lakes. He said there were large circles around the target center to assist the bombardier cadets. Mr. Brooks said the AT-11s were used for this training, and all they ever dropped were 100 lb sand filled bombs with a small smoke charge. As a maintenance man, he used to go up on some of the training missions. He was certain there were never any HE bombs or any kinds of rockets used when he was there. He added that the 100 lb practice bombs were stored out in the open, and that small arms and spotting charges were the only items stored in one small igloo on the AAF.

Mr. Brooks left Victorville AAF as a 2LT in April of 1943 and went on to spend an additional 30 years in the Air Force.

**ACTION REQUIRED**

None

<b>NAME OF PERSON DOCUMENTING CONVERSATION</b> Ronald Plante	<b>ORGANIZATION</b> CEMVR-ED-DO	<b>TELEPHONE NUMBER</b> (309) 782-1481
<b>SIGNATURE</b> <i>Ronald Plante</i>	<b>TITLE</b> QASAS	<b>DATE</b> 2 March 1998

<b>CONVERSATION RECORD</b>		<b>TIME</b> 1:00 PM	<b>DATE</b> 4 March 1998
<b>TYPE</b>			
<input type="checkbox"/> VISIT		<input type="checkbox"/> CONFERENCE	
		<input type="checkbox"/> TELEPHONE <input type="checkbox"/> INCOMING <input checked="" type="checkbox"/> OUTGOING	
<b>NAME OF PERSON CONTACTED</b> Owen Cooper	<b>ORGANIZATION</b> Former Bombardier Cadet	<b>TELEPHONE NO.</b> (410) 747-5991	
<b>SUBJECT</b> Victorville PBRs			

**SUMMARY:**

Mr. Cooper said that he joined the Army Air Forces as an aviation cadet but washed out of flight school and then trained as a bombardier. He was in class 43-3 at Victorville Army Air Field, graduating in March of 1943. He trained in the AT-11 and flew practice bombing missions to ranges all around the Victorville area, including some on the dry lake bed of Lake Lucerne (PBR #6). Mr. Cooper said all he ever dropped were 100 pound sand filled bombs with a spotting charge. He never saw an HE bomb at Victorville and was unaware of any other cadets dropping HE bombs. He recalled that the standard procedure was to drop one practice bomb on a target, and then follow specific compass headings to other targets to drop additional practice bombs one at a time.

After completing bombardier training, Mr. Cooper joined a B-17 crew for further training in Utah and eventually flew missions over Germany as a lead bombardier with the 91<sup>st</sup> Bomb Group.

**ACTION REQUIRED**  
None

<b>NAME OF PERSON DOCUMENTING CONVERSATION</b> Ronald Plante	<b>ORGANIZATION</b> CEMVR-ED-DO	<b>TELEPHONE NUMBER</b> (309) 782-1481
<b>SIGNATURE</b> <i>Ronald Plante</i>	<b>TITLE</b> QASAS	<b>DATE</b> 4 March 1998

TYPE

VISIT

CONFERENCE

TELEPHONE  
 INCOMING  
 OUTGOING

NAME OF PERSON CONTACT WITH Dick Whitbeck	ORGANIZATION Victorville California	TELEPHONE NO. (619) 386-2127
--	---	---------------------------------

SUBJECT Former Victorville Bombing Range #9.

SUMMARY

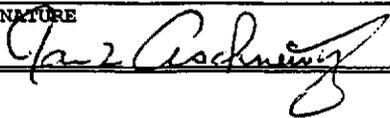
Mr. Whitbeck was a COE employee and wrote the INPR for the Victorville PBR #9. He stated that from what he could remember of the particular site there was very little evidence of any type of OE presence. He stated that he did not find any live OE and only small amounts of metal pieces from the old style M-38 practice bombs. Mr. Whitbeck stated that he did not find evidence of any burial sites on the former site.

ACTION REQUIRED

NONE

ACTION TAKEN

NONE

NAME OF PERSON DOCUMENTING COVERSATION James L. Aschnewitz	ORGANIZATION CEMVR-ED-DO	TELEPHONE NUMBER (309) 782-1490
SIGNATURE 	TITLE Safety Specialist	DATE 29 Jan 98

ORDNANCE AND EXPLOSIVES  
ARCHIVES SEARCH REPORT  
FOR  
VICTORVILLE  
PRECISION BOMBING RANGE #16  
SAN BERNARDINO COUNTY, CALIFORNIA  
PROJECT NUMBER J09CA068201

**APPENDIX J**

**PRESENT SITE PHOTOGRAPHS**

## APPENDIX J

### PRESENT SITE PHOTOGRAPHS

#### Table of Contents

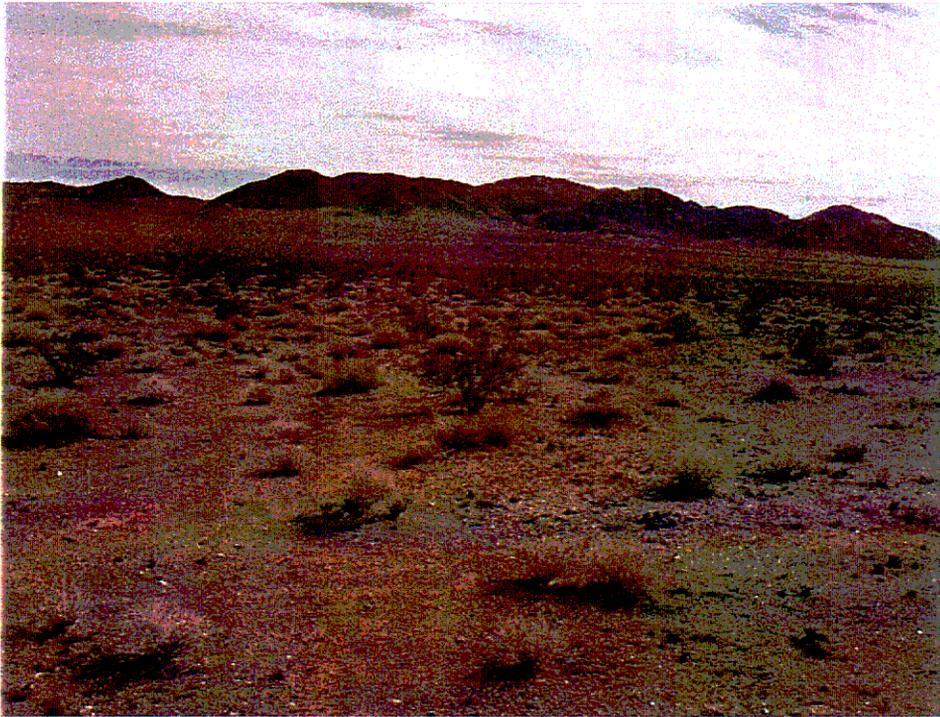
- J-1 Photo showing remnants of cement practice bomb dropped on the Victorville range
- J-2 Metal base remains of a cement practice bomb at Victorville
- J-3 What remains of the Target Bull's Eye on Victorville PBR #16
- J-4 Remnants of target at Victorville PBR #16
- J-5 Cement practice bomb partially imbedded into the target area
- J-6 Cement practice bomb remnants at Victorville PBR #16
- J-7 What remains of the asphalt rings which comprised the target area of PBR #16
- J-8 Survey marker which designates the exact location of this former target area
- J-9 Stake marking the western boundary of PBR #16
- J-10 Marker used for lighting the range for night time target practice



J-1 Photo showing remnants of cement practice bomb dropped on the Victorville range



J-2 Metal base remains of a cement practice bomb at Victorville



J-3 What remains of the Target Bulls Eye on Victorville PBR#16



J-4 Remnants of target at Victorville PBR#16



J-5 Cement practice bomb partially imbedded into the target area



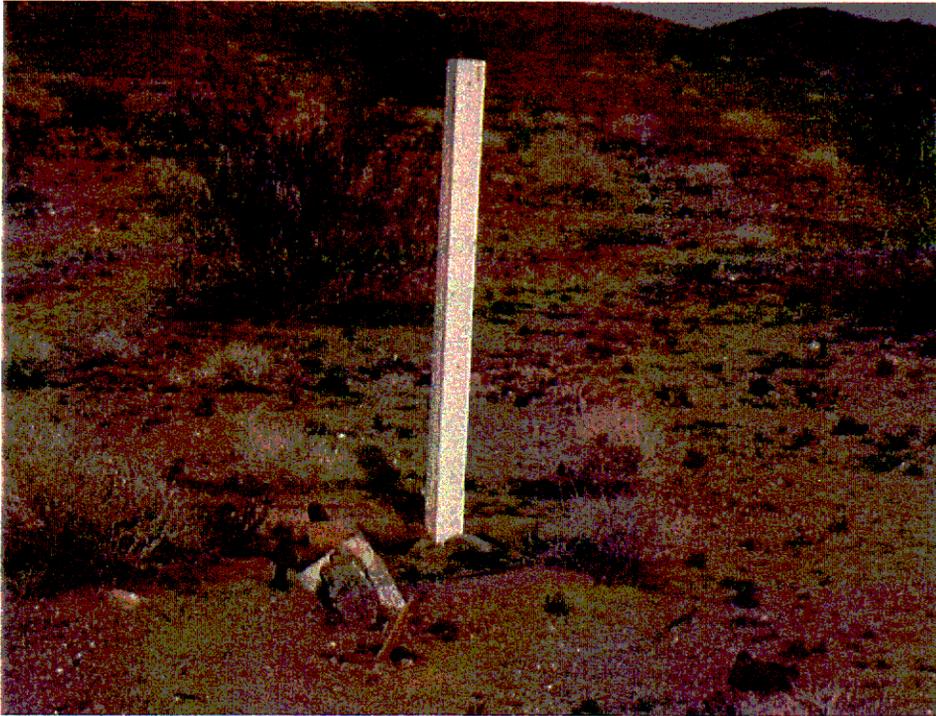
J-6 Cement practice bomb remnants at Victorville PBR# 16



J-7 What remains of the asphalt rings which comprised the target area of PBR# 16



J-8 Survey marker which designates the exact location of this former target area



J-9 Stake marking the western boundary of PBR# 16



J-10 Marker used for lighting the range for  
night time target practice

ORDNANCE AND EXPLOSIVES  
ARCHIVES SEARCH REPORT  
FOR  
VICTORVILLE  
PRECISION BOMBING RANGE #16  
SAN BERNARDINO COUNTY, CALIFORNIA  
PROJECT NUMBER J09CA068201

**APPENDIX K**

**HISTORICAL PHOTOGRAPHS**

(Not Used)

ORDNANCE AND EXPLOSIVES  
ARCHIVES SEARCH REPORT  
FOR  
VICTORVILLE  
PRECISION BOMBING RANGE #16  
SAN BERNARDINO COUNTY, CALIFORNIA  
PROJECT NUMBER J09CA068201

**APPENDIX L**

**REFERENCE MAPS/DRAWINGS**

**APPENDIX L**

**REFERENCE MAPS/DRAWINGS**

**Table of Contents**

L-1 Real Estate Map, Victorville Bombing Ranges,  
September 1945 (B-38)



ORDNANCE AND EXPLOSIVES  
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FOR  
VICTORVILLE  
PRECISION BOMBING RANGE #16  
SAN BERNARDINO COUNTY, CALIFORNIA  
PROJECT NUMBER J09CA068201

**APPENDIX M**

**ARCHIVE SEARCH REPORT CORRESPONDENCE**

(Not Used)

ORDNANCE AND EXPLOSIVES  
ARCHIVES SEARCH REPORT  
FOR  
VICTORVILLE  
PRECISION BOMBING RANGE #16  
SAN BERNARDINO COUNTY, CALIFORNIA  
PROJECT NUMBER J09CA068201

APPENDIX N

PROJECT AREA BIBLIOGRAPHY

**APPENDIX N  
PROJECT AREA BIBLIOGRAPHY**

<b>Document ID</b>	<b>Project Area(s)</b>	<b>OE Classification</b>	<b>Document Name</b>	<b>Document Date</b>	<b>Document Source</b>	<b>Description and Comments</b>
1	Area A Area B Area C	Confirmed Potential Uncontaminated	Memorandum, Subject: Declaration as Excess, Auxilliary Installations, Victorville Army Air Field, Victorville, California	6-Oct-45	NARA Pacific South West Region	Document F-5, 3rd indorsement states that the disposal of unexploded bombs located on targets at Victorville AAF has been accomplished as far as the live bombs are concerned.
2	Area A Area B Area C	Confirmed Potential Uncontaminated	Dedudding Report	25-Sep-46	NARA Pacific South West Region	Document F-7 States the fact that 100 lb sand filled practice bombs were used on the Victorville targets.
3	Area A Area B Area C	Confirmed Potential Uncontaminated	Memorandum, Subject: Removal of Military Scrap from Artillery, Bombing, and Other Target Ranges	6-Aug-47	NARA Pacific South West Region	Documents F-8 and F-9 Discusses the definition of, and criteria for, subject of memorandum.
4	Area A Area B Area C	Confirmed Potential Uncontaminated	Memorandum, Subject: Report of the Dedudding of Victorville Bombing Targets, San Bernardino, County, California	4-Feb-48	NARA Pacific South West Region	Documents F-10 and F-11 Discusses dates of dedudding, methods of searching and resulting ordnance related materials found during the operation.
5	Area A Area B Area C	Confirmed Potential Uncontaminated	Memorandum, Subject: Government Owned Land Selected for Bombing Ranges for Air Corps Advanced Flying School #4, Victorville, California	3-Feb-42	NARA Pacific South West Region	Document G-1 Discusses land descriptions, acquisition, and method of transfer.
6	Area A Area B Area C	Confirmed Potential Uncontaminated	Public Land Order #125	20-May-43	NARA Pacific South West Region	Documents G-5 and G-10 Discusses land descriptions, return to DOI information, dedudding information and government improvements to subject lands.

ORDNANCE AND EXPLOSIVES  
ARCHIVES SEARCH REPORT  
FOR  
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PRECISION BOMBING RANGE #16  
SAN BERNARDINO COUNTY, CALIFORNIA  
PROJECT NUMBER J09CA068201

**APPENDIX O**

**REPORT DISTRIBUTION LIST**

**APPENDIX O**

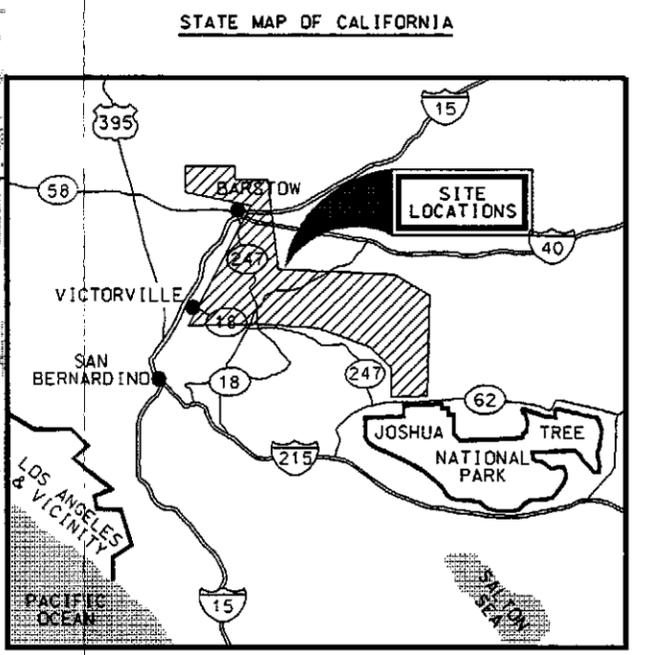
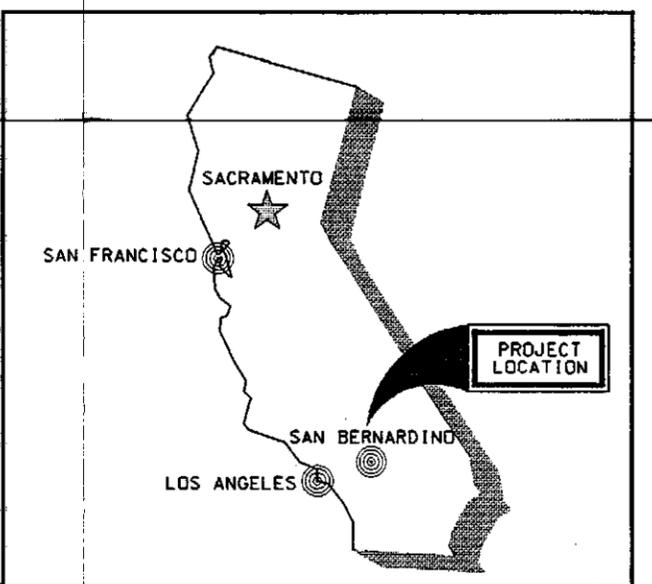
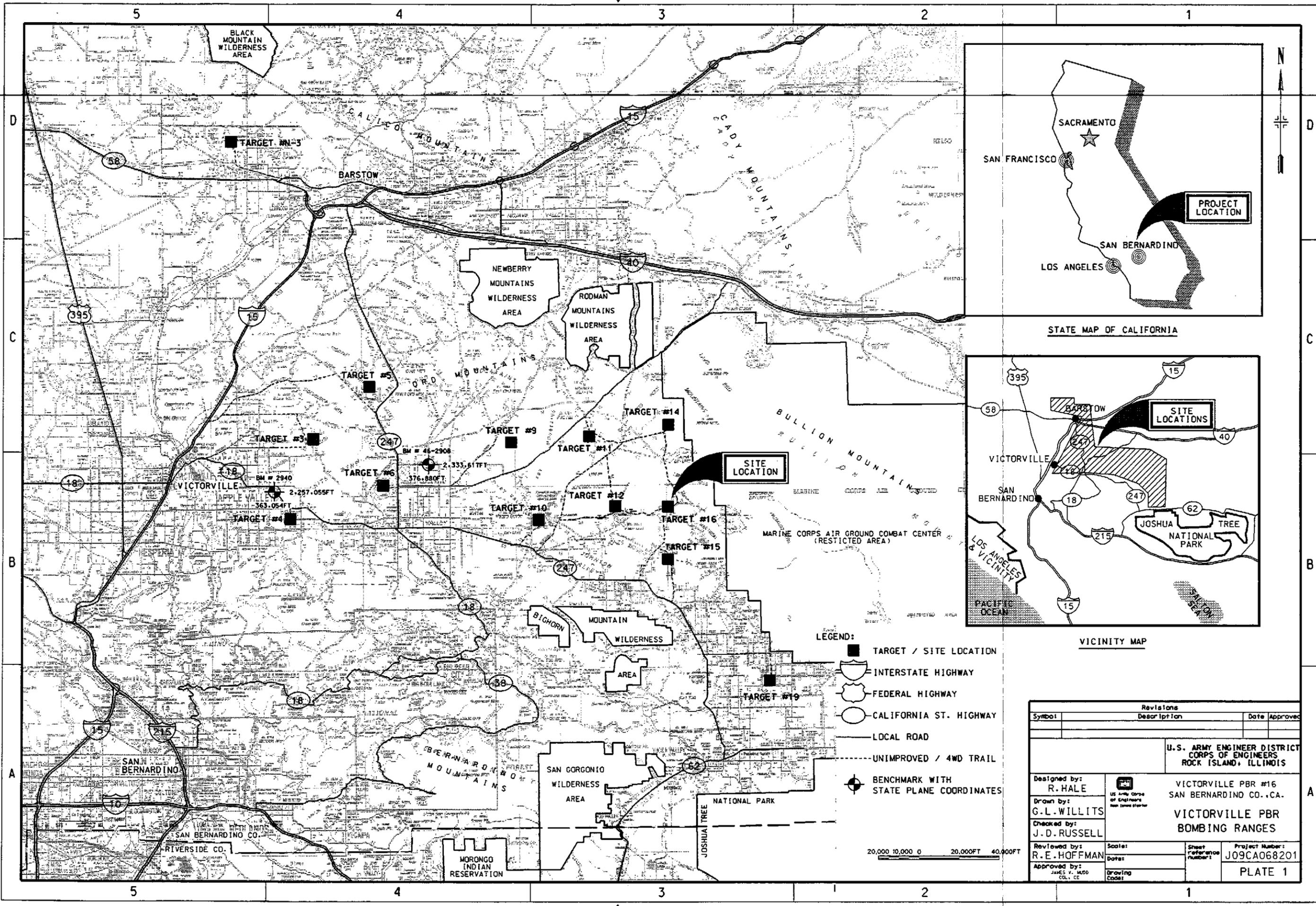
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FOR  
VICTORVILLE  
PRECISION BOMBING RANGE #16  
SAN BERNARDINO COUNTY, CALIFORNIA  
PROJECT NUMBER J09CA068201

**REPORT PLATES**

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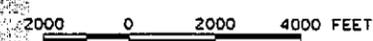
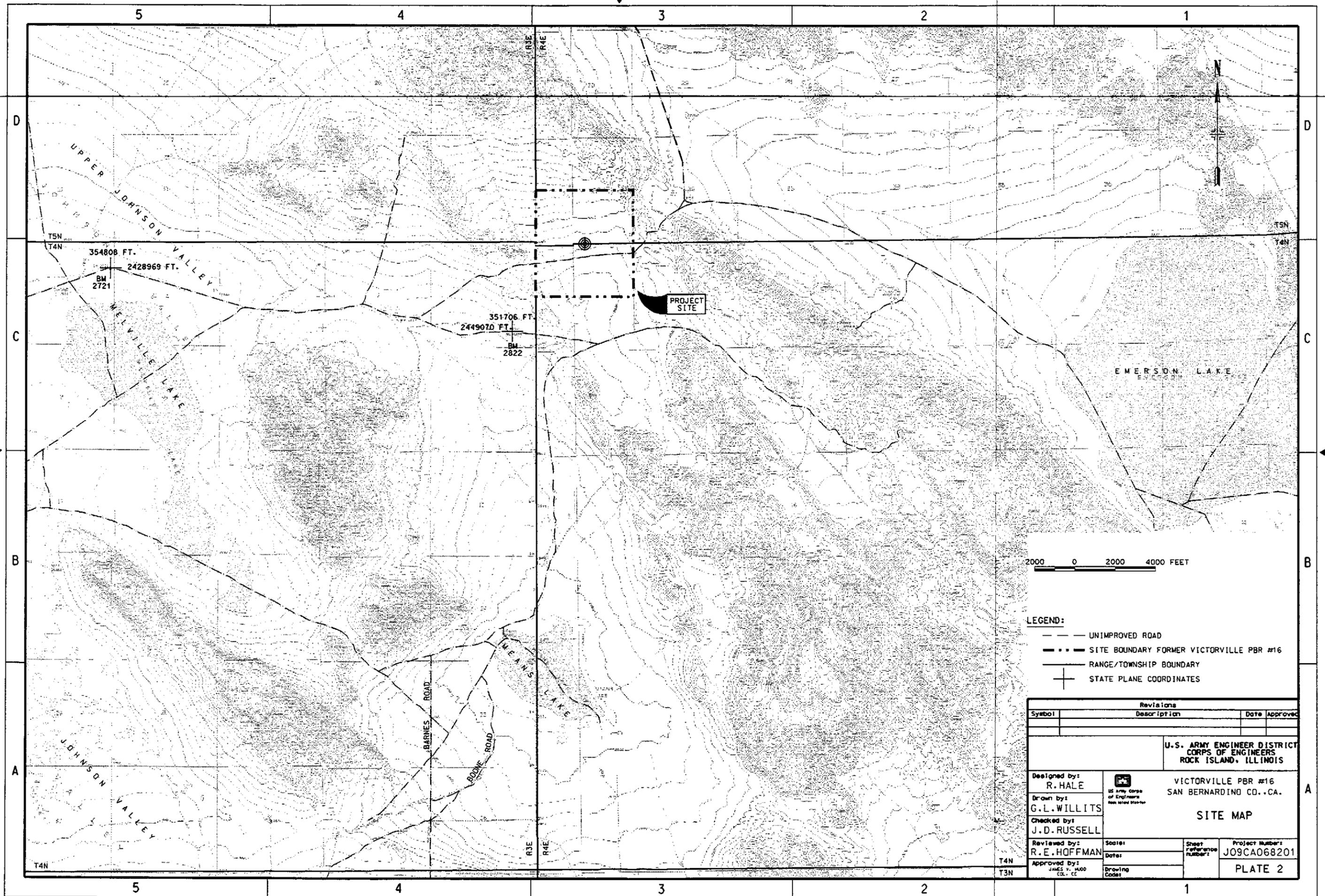


- LEGEND:**
- TARGET / SITE LOCATION
  - INTERSTATE HIGHWAY
  - FEDERAL HIGHWAY
  - CALIFORNIA ST. HIGHWAY
  - LOCAL ROAD
  - - - UNIMPROVED / 4WD TRAIL
  - ⊕ BENCHMARK WITH STATE PLANE COORDINATES



Revisions		Date Approved	
Symbol	Description		
U.S. ARMY ENGINEER DISTRICT CORPS OF ENGINEERS ROCK ISLAND, ILLINOIS			
Designed by: R. HALE	 U.S. Army Corps of Engineers Rock Island District	VICTORVILLE PBR #16 SAN BERNARDINO CO., CA.	
Drawn by: G.L. WILLITS		VICTORVILLE PBR BOMBING RANGES	
Checked by: J.D. RUSSELL			
Reviewed by: R.E. HOFFMAN	Scale: Date:	Sheet reference number:	Project Number: J09CA068201
Approved by: JAMES V. MADD COL., CE	Drawing Code:		PLATE 1

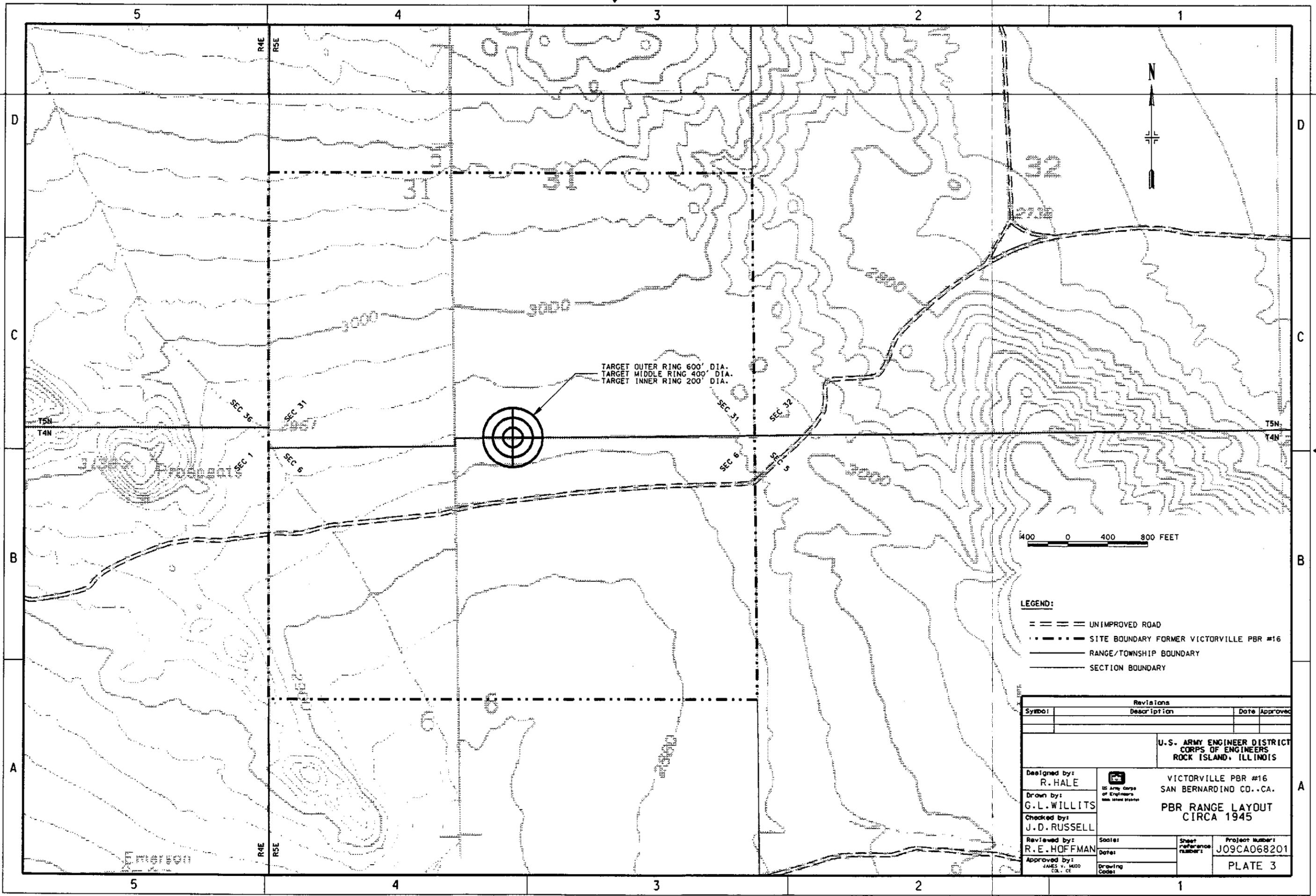
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- LEGEND:**
- UNIMPROVED ROAD
  - - - - SITE BOUNDARY FORMER VICTORVILLE PBR #16
  - RANGE/TOWNSHIP BOUNDARY
  - + STATE PLANE COORDINATES

Revisions		Date Approved	
Symbol	Description		
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<b>Drawn by:</b> G.L. WILLITS			
<b>Checked by:</b> J.D. RUSSELL		<b>SITE MAP</b>	
<b>Reviewed by:</b> R.E. HOFFMAN		Scale:	Project Number: J09CA068201
<b>Approved by:</b> JAMES V. MOOD COL. CE		Date:	Sheet reference number: PLATE 2
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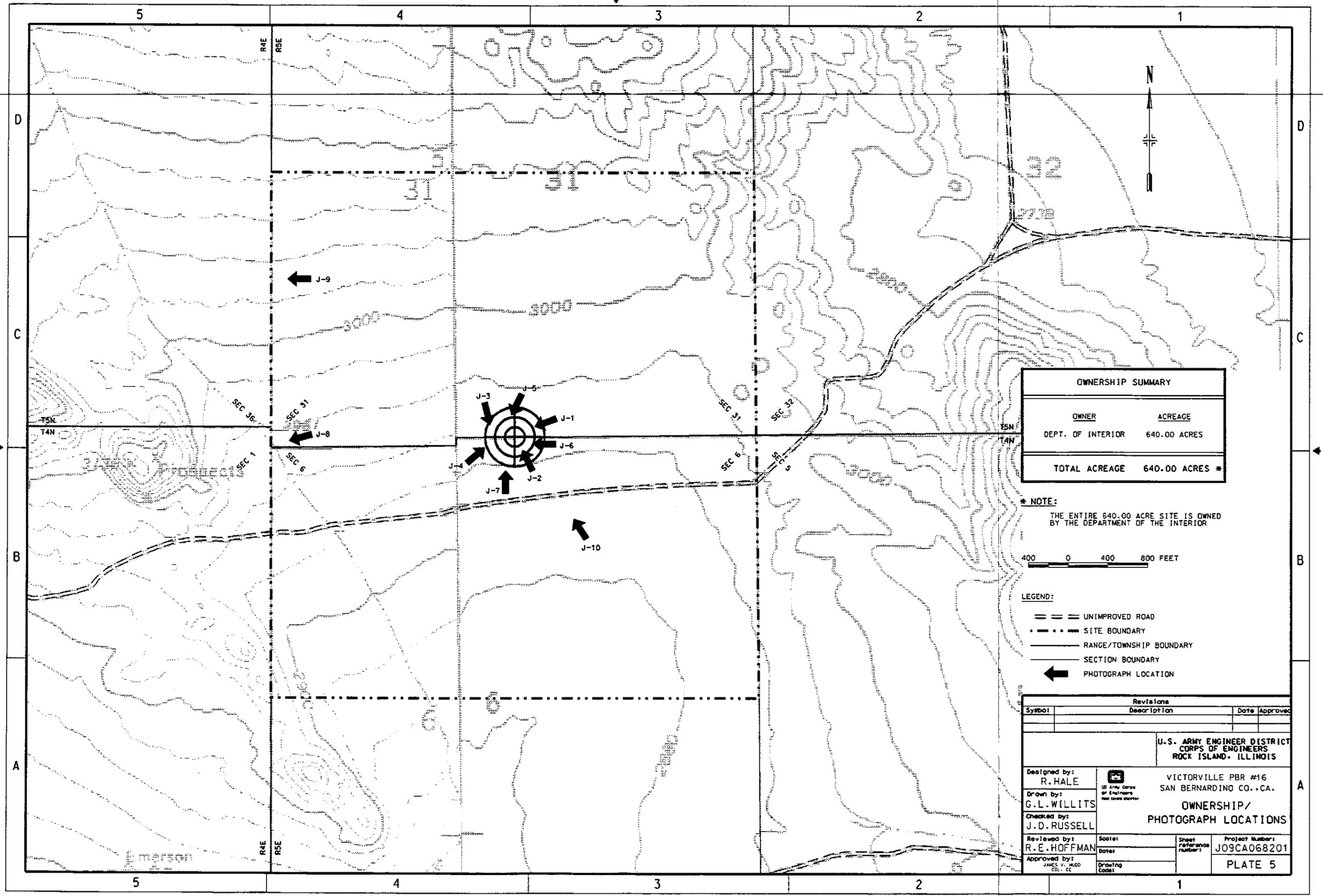
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Checked by: J.D. RUSSELL	Scale:	Sheet reference number:	Project Number:
Reviewed by: R.E. HOFFMAN	Date:		J09CA068201
Approved by: JAMES V. HADD COL., CE	Drawing Code:		PLATE 3

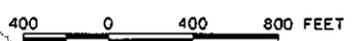


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OWNERSHIP SUMMARY	
OWNER	ACREAGE
DEPT. OF INTERIOR	640.00 ACRES
<b>TOTAL ACREAGE</b>	<b>640.00 ACRES *</b>

\* NOTE:  
 THE ENTIRE 640.00 ACRE SITE IS OWNED  
 BY THE DEPARTMENT OF THE INTERIOR



- LEGEND:
- == UNIMPROVED ROAD
  - - - - SITE BOUNDARY
  - RANGE/TOWNSHIP BOUNDARY
  - SECTION BOUNDARY
  - ← PHOTOGRAPH LOCATION

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Drawn by: <b>G.L. WILLITS</b>	<b>OWNERSHIP/          PHOTOGRAPH LOCATIONS</b>
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