



**US Army Corps
of Engineers**
Rock Island District



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

Archives Search Report

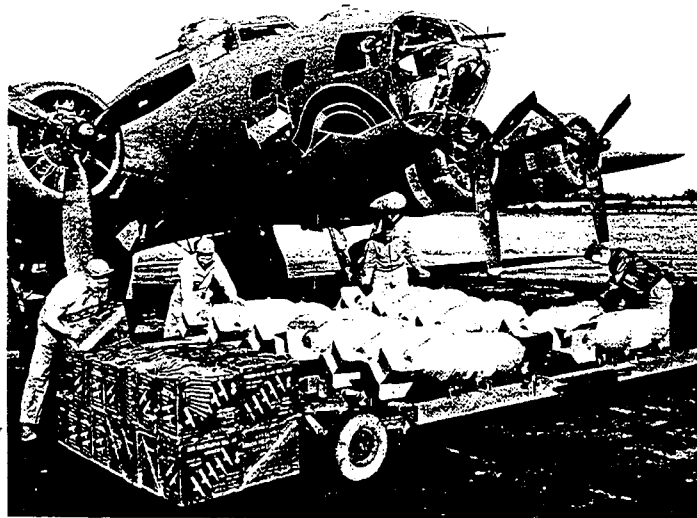
FINDINGS

for
the former

VICTORVILLE PRECISION BOMBING RANGE (PBR) Y

VICTORVILLE, CALIFORNIA
Project Number J09CA069501

SEPTEMBER 1996



DEFENSE ENVIRONMENTAL RESTORATION PROGRAM
for
FORMERLY USED DEFENSE SITES

FINDINGS

ORDNANCE AND EXPLOSIVES
ARCHIVES SEARCH REPORT
FOR

FORMER VICTORVILLE PRECISION
BOMBING RANGE (PBR) Y
VICTORVILLE, CALIFORNIA
PROJECT NUMBER J09CA069501

SEPTEMBER 1996

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ORDNANCE AND EXPLOSIVES
 ARCHIVES SEARCH REPORT
 FOR
 FORMER VICTORVILLE PRECISION
 BOMBING RANGE (PBR) Y
 VICTORVILLE, CALIFORNIA
 PROJECT NUMBER J09CA069501

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ORDNANCE AND EXPLOSIVE WASTE
ARCHIVES SEARCH REPORT
FOR
FORMER VICTORVILLE PRECISION
BOMBING RANGE (PBR) Y
VICTORVILLE, CALIFORNIA
PROJECT NUMBER J09CA069501

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ORDNANCE AND EXPLOSIVES
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1. INTRODUCTION

a. Subject and Purpose

(1) This report presents the findings of a historical records search and site inspection for ordnance and explosives (OE) presence located at the former Victorville Precision Bombing Range "Y" (PBR "Y") Victorville, California (see plate 1 for general location map). The investigation was performed under the authority of the Defense Environmental Restoration Program for Formerly Used Defense Sites (DERP FUDS).

(2) This investigation focused on approximately 5,120 acres of land that were used by the War Department. The site was used as a demolition bombing range from 1942 to 1945.

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

b. Scope

(1) This report presents the site history, site description, real estate ownership information, and confirmed ordnance presence (prior to and after site closure), based on available records, interviews, site inspections and analyses. The analyses provide a complete evaluation of all contamination where ordnance presence has not been confirmed.

(2) For the purpose of this report, OE contamination consists of live ammunition, live ammunition components, CWM or explosives which have been lost, abandoned, discarded, buried, fired or thrown from demolition pits or burning pads. These items were manufactured, purchased, stored, used, and/or disposed of by the War Department/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 cal or smaller), is **not** considered OE contamination. OE further includes "explosive soil" which refers to any mixture in soil, sand, clay, etc., such that the mixture itself is explosive. Generally, 10 percent or more by weight of secondary explosives in a soil mixture is considered explosive soil.

2. PREVIOUS INVESTIGATIONS

a. Preliminary Assessment

A Preliminary Assessment of Victorville (PBR) "Y" was conducted under the Defense Environmental Restoration Program Formerly Used Defense Sites (DERP FUDS) by the US Army Corps Of Engineers, Los Angeles District (CESPL) in 1994 (see document E-1). The Findings and Determination of Eligibility, dated 25 April 1995, concluded that the 2,240 acres located in San Bernardino County, California, had been formerly used by the War Department/Department of Defense. That report recommended referral to CEHND, now CEHNC, for an evaluation of possible ordnance contamination. Table 2-1 represents an overview of the PA phase. An OE project, number J09CA069501, was authorized by Headquarters, Corps of Engineers.

TABLE 2-1 DERP-FUDS PRELIMINARY ASSESMENT PROJECTS				
Project Number	DERP Category	Present Phase	Comments	Location
J09CA069501	OE	SI	Ordnance or Explosives contamination	Entire site (See Plate 4)
	HTRW	-	No projects recommended	
	BD/DR	-	No projects recommended	

b. Other Investigations

(1) There are no other known investigations of this site.

(2) The area which forms part of the southern boundary of PBR "Y" is PBR #15. This area is assigned DERP-FUDS Site Number J09CA068100, but as yet does not have any projects approved.

3. SITE DESCRIPTION

a. **Existing Land Usage**

(1) The former Victorville Precision Bombing Range is located approximately 42 miles south east of Victorville, California in San Bernardino County. The area consists of approximately 5,120 acres. Table 3-1 and Plate 4 contain information for current property ownership and usage. See Table 3-1 on the next page.

(2) The area is used for Off-Highway Vehicle (OHV) recreation, camping, target practice by the public and private owned land used for recreation. The land not privately owned is managed and controlled by the Bureau of Land Management (BLM).

(3) There is a difference in acreage between the Inventory Project Report (INPR) and this report. The discrepancy is caused by the addition of 2,880 acres as Buffer Zone around the bombing range. Consequently, the area of consideration is now 5,120 acres versus the original 2,240 acres.

b. **Climatic Data**

(1) Rainfall is sparse in all months based on the climatology data for Barstow and Victorville, California. Precipitation is rare in the summer months and occurs mainly in the winter. Measurable rain occurs one day in four from late October to early April. In three years out of four, traces or less are reported for the entire months of June, July and August. June is usually the month of minimum rainfall (0.04 inch) on the average. January is usually the month of maximum rainfall (1.01 inch) on the average. The total annual precipitation is about five inches. Very small amounts of snow are recorded during the winter months. The average seasonal snow fall is about two inches. Snow on the ground is rare and the number of such days varies from year to year.

(2) The desert type climate is normally mild during the winter months and summers long and hot. Winters are quite warm despite an occasional series of days when the nightly temperature drops below freezing. In winter, the average temperate is 45 degree Fahrenheit with an average daily minimum during the winter months of 30 degrees Fahrenheit. In 1949 a temperature of 17 degrees Fahrenheit was recorded. In summer, the average temperature is 77 degrees Fahrenheit. The average daily maximum temperature is 97 degrees Fahrenheit. The highest recorded temperature in San Bernardino County was 116 degrees Fahrenheit on July 14, 1972 at Barstow.

TABLE 3-1
CURRENT LAND USAGE

Area	Former Usage	Present Owner	Current Usage	Size	Comments
A	Target Area	BLM	Recreation OHV Camping and Target Practice	2,240	See plate 4
B	Buffer Zone	BLM	Recreation OHV Camping and Target Practice	2,560	See plate 4
C	PBR #15	BLM	Recreation OHV, Camping and Target Practice	(640)*	See plate 4
D	South Buffer Zone	Multiple Owners (17)	Private Property Recreation	320	See G-4, G-5 and plate 4
TOTAL				5,120	
<p>* This acreage is adjacent to PBR "Y" but is not included in the total and will be assessed at a later date. This area is assigned Site Number J09CA068100 and has no OE projects assigned.</p>					

(3) The average relative humidity in midafternoon is about 20 percent. Humidity is higher at night and the average at dawn is about 50 percent. Percentage of possible sunshine is 90 percent of the time in summer and 60 percent in winter. The mean annual temperature is 62 degrees Fahrenheit.

(4) The prevailing wind is from the west with an average windspeed, eight miles per hour, in the summer. The highest recorded windspeed is 87.4 miles per hour.

c. Topography

Victorville PBR "Y" Range is centered on Means Lake, a dry lake bed and is located between small mountain masses in the eastern Mojave Desert Section of the Basin and Range Physiographic Province. The elevation of the lake bed is 2572 feet. The mountain masses reach heights in excess of 3,000 feet. Topographic features of the area demonstrate water erosion characteristics by the many gullies and channels leading from the mountain ranges to the playas on the desert floor (See document K-2).

d. Geology and Soils

(1) The Mojave Desert is outlined by the San Andreas fault on the south and the Garlock fault on the north. The eastern portion of the Mojave Desert is characterized by basins and open valleys between mountainous masses. In the southern part the mountains and valleys have a northwest alignment. The many fault zones in the area are also aligned in a northwest southeast direction. Evidence suggest that there existed in the Mojave Desert during one or more of the pluvial Pleistocene ages a number of lakes now represented by playas or salines. Means Dry Lake Bed is such a representation.

(2) The soil medium that physically supports the existing vegetation is also the basic component of the watershed for the area. The soils are typical of arid regions and include materials for the alluvial immature consolidated upland classes. The soils of this area generally have many limitations for sanitation or community development facilities. They are generally unsuited for irrigated agriculture. They provide only a fair wildlife habitat.

(3) The physical soil makeup is shallow alluvial sediments usually less than 1,000 feet to bedrock. The area may include some quaternary basalt flows. Texture in the root zone may range from coarse to fine. Gravel is usually present in

quantity. Soil surface increases in stoniness upslope. In places, gravely desert pavement occurs (Reference B-48).

e. Hydrology

The hydrogeologic environment of PBR "Y" is that it is a dry lake bed. The lake bed is the catch basin for the surrounding mountains water run-off.

f. Natural Resources

The US Fish and Wildlife Service provided a listing of threatened and endangered species that may be found in the area of PBR "Y". This information is provided in Table 3-2 (See document F-8).

g. Historical/Cultural Resources

Two specific cultural or historical sites associated with this site were found during the archives search, site inspection, or communication with the California Archaeological Information Center and US Fish and Wildlife Service. There is potential for buried prehistoric archeological resources along the shoreline of Means Dry Lake. There is also potential for historic resources based on historic land use especially at Means Well on Means Lake (See plate 2). Any intrusive measures taken within the area will require oversight by the State Historical Preservation Office (SHPO) and/or other like organizations (See document E-2).

TABLE 3-2 NATURAL & CULTURAL RESOURCES		
Resource Classification	Type	Federal Status*
Wildlife	Reptiles Desert Tortoise	Endangered
Vegetation		None Listed
Cultural/ Historical	Prehistoric Historic	Coordinate with SHPO
* Key: E-Endangered		

4. HISTORICAL ORDNANCE PRESENCE

a. Chronological Site Summary

(1) Prior to WWII the land for PBR "Y" was managed and controlled by the Bureau of Land Management. The acquisition began in 1942 for this area (See documents F-4, G-1, G-2 and L-1).

(2) The site was used as a demolition bombing range for training pilots and bombardiers of the WCFT at Victorville Army Air Base (See document F-7).

(3) In 1945 it was determined by the War Department that no further need exists for the real estate of PBR "Y" located at Victorville, California (See documents F-6 and F-9 through F-11).

(4) The site was transferred to the Department of the Interior in 1948 (See documents F-11, G-1 and G-2).

b. Ordnance Related Records Review

(1) Research efforts began with a thorough review of all reports, historical documents, and reference material gathered during the archival search appropriate to Victorville PBR "Y". During this review, an effort was made to focus on areas of potential OE contamination as described in the OE project summary sheet as well as additional areas that were identified during the research.

(a) Sources that were checked in the search for any recorded OE contamination included:

- [1] National Archives
- [2] Regional Archives
- [3] California State Archives
- [4] The Military History Institute
- [5] The Air Force Historical Center
- [6] Explosive Ordnance Disposal (EOD)
- [7] Local Police Department
- [8] County Court House
- [9] State and Local Libraries

(b) For a complete list of sources checked, see Appendix A, References Sources.

(2) Documented evidence of ordnance presence within PBR "Y" is inferred in the Certificate of Clearance issued by the Office of the Chief of Engineers, US Army Corps of Engineers,

dated 20 October 1947. In this document, the EOD team chief states that the area is suitable for grazing and/or mining only (See document E-3). The request for funds to clear and post the targets also state that 500 pound bombs were used on the targets (See document F-7).

(a) Although this document does provide a list of munition items found during the clearance of several bomb targets in the area, it does not say on which target the particular munition items were found.

(b) A letter from the Assistant Chief of Engineers for real estate states "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". This document also stated "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 restorative work is deemed necessary by this Department." This clearance applied to the 2,240 acres of PBR "Y" Area A of this report (See document F-11).

(3) Documentation indicates that the targets around PBR "Y" were acquired in the proper manner, such as the request for funding and the request to acquire and then being acquired. The contracts were awarded and construction was completed (See documents F-1, F-2 and F-3). Although these documents show PBR "Y" being used in 1942 there was a request to acquire in December 1942 and again in January 1943. These documents suggest that the site was never officially acquired by the War Department, although it was used as a demolition bombing range. Although a request for two Demolition Bombing Target Sites was made in 1943 there is no physical evidence or historical documentation to suggest that two targets were built. The total amount of land requested was used for PBR "Y" (See documents F-4, G-1 and G-2).

(4) Charts indicate that all demolition bombing targets are located on dry lake beds and should be approached from a southerly direction for bombing missions (See documents F-3 and F-5).

(5) Documentation declaring the site excess and suggesting that the site be disposed of in accordance with applicable laws, directives and regulations was approved in June 1946 (See documents F-6, F-9 and F-10).

(6) Real estate records give an account of the ownership and history of usage and transfer of PBR "Y" (See documents G-1 through G-5)

(7) Historical photographs depict the terrain, soil conditions, the tracks from OHV, bomb craters and general conditions of the lake bed in 1988 (See document K-1).

(8) An aerial photograph of the Means Dry Lake area depicts the location of PBR "Y" between small mountain masses in the eastern Mojave desert (See document K-2).

(9) A Final Project Ownership Map describes the bombing ranges of the Victorville Army Air Force Bombing Ranges located east of Victorville, California. The former owners and the acreage of each target and how it was acquired is documented (See document L-1).

c. Interviews With Site-Related Personnel

(1) Efforts to locate individuals who had served or had first hand knowledge of the Victorville Bombing Ranges including PBR "Y" were unsuccessful. Personal interviews were conducted with local individuals that had worked at the Victorville Army Air Force Base during the war years, but they did not know of the bombing ranges. Bureau of Land Management representatives, US Fish and Wildlife Service employees, and local law enforcement were also interviewed to obtain information about PBR "Y".

(2) There were numerous interviews with persons that had no knowledge of PBR "Y" as a bombing range or if ordnance had ever been found in the area (See documents I-1 through I-3, I-5 through I-9).

(3) The only interviewee who had knowledge of the site was Mr. Whitbeck a retired Air Force EOD technician. Mr. Whitbeck was hired by the Los Angeles District Corps of Engineers to perform the INPR investigation of PBR "Y". He found during his search: pits, craters, entry holes, bomb fragments, fuzes, M38A2 sand filled practice bombs, and trenches. Mr. Whitbeck did not find any live munition items at PBR "Y". He only performed a surface search and did not conduct a subsurface search (See document I-4).

5. SITE ELIGIBILITY

a. Confirmed Formerly Used Defense Site

Former land usage by the War Department was previously confirmed for the entire site as summarized in section 4a of this

report. The 5,120 acres of the former Victorville PBR "Y" was used by the War Department/Department of Defense as a Demolition Bombing Range. Historical documents and personal interviews confirm this finding. No ownership or usage of any part of the Victorville PBR "Y" remains with the Department of Defense (DOD) (See documents F-6, F-7, F-9 through F-11 and G-1, through G-3).

b. Potential Formerly Used Defense Site

(1) There are areas around the former Victorville PBR "Y" that should also be investigated as a possible FUDS site. The approximate acreage and boundaries are shown as Buffer Zone and South Buffer Zone on Plate 4. These are additional acres to be added to the original 2,240 acres.

(2) These acres are potential because of their close proximity to the target area.

6. VISUAL SITE INSPECTION

a. General Procedures and Safety

(1) During the period of 15 April through 23 April 1996, members of the Assessment Team traveled to the former Victorville PBR "Y" area. The primary task of the team was to assess OE presence and potential. due to its former usage as a demolition bombing range by the War Department/Department of Defense, as stated in the INPR. Site inspection was limited to non-intrusive methods; i.e. subsurface sampling was not authorized nor performed.

(2) Real estate rights-of-entry were not obtained nor deemed necessary, as the land in question is public land and accessible to the team. The team was accompanied to the site by a BLM representative that was familiar with the area.

(3) A site safety plan was developed and utilized by the assessment team to assure safety from injury during the site inspection of this facility. Prior to the inspection, a briefing was conducted which stressed that OE should only be handled by military EOD personnel (Reference B-24).

(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 was made to ensure awareness of potential ordnance types and hazards.

(5) The team traversed the target area first in a vehicle and then on foot. The team stopped at various points in

the PBR "Y" to observe craters, fragments of bombs and fuzes within the target area.

(6) The site is being broken down into sub-sites for this report: i.e., Area A is Target Area, Area B is a Buffer Zone, additional acreage, Area C is PBR #15 and Area D is the South Buffer Zone, additional acreage (See Plate 4).

b. Area A: Target Area

(1) This area is approximately 2,240 acres in size. This area was designated as a demolition bombing range in 1942 and relinquished in 1948 to the Department of the Interior. This area is BLM properties. The site is used at the present time for recreational camping, OHV and target practice for the public. (See documents J-1, J-2, J-4, J-9, J-10, and Plate 4).

(2) The inspection team did observe ammunition items within Area A. There was no visual evidence of a target being on the dry lake bed. It is assumed that any circles made on the lake bed have weathered away since the mid 1940s.

(3) There was visual evidence that the lake bed had been used as a demolition bombing range, i.e., bomb craters, fragments from demolition bombs and the remains of other types of munition items. A BLM representative was with the SI team when the items were found. The items were inert and were not hazardous, they appeared to have already functioned as intended (See documents J-3, J-5 through J-9).

(4) An expended bomb fuze was found near the western boundary of PBR "Y" lying next to the road leading into Means Dry Lake. The circumstances of how the fuze got to this spot is not known. The item could have been blown there by an explosion or picked up by an individual and transported and dropped in that location. The latter seems more probable because the item is lying on the surface of the hard crusted soil (See document J-3).

c. Area B: Buffer Zone (Additional Lands)

(1) This area consists of approximately 2,560 acres that surrounds the original target area. Although not part of the original INPR it is added in this report because of its close proximity to the Target Area. This area could have received munition items that had been inadvertently or inaccurately dropped by the training crews or been blown there from an explosion in the Target Area. The SI team did not observe any ammunition items in the area (See plate 4).

(2) This area is also used at the present time for recreational camping, OHV and target practice for the public.

d. Area C: PBR #15

This area is adjacent to the Target Area and forms part of the southern boundary of the Target Area. This area is BLM properties. The SI team did observe ammunition items within this area (See documents J-7 and J-8). PBR #15 will be assessed for OE presence at a future date when an approved OE project is assigned by CEHNC (See plate 4).

e. Area D: South Buffer Zone (Additional Lands)

(1) This area is also adjacent to the Target Area and also forms part of the southern boundary of the Target Area. Although the SI team did not visually inspect this area, the area could have received munition items that had been inadvertently or inaccurately dropped by the training crews or been blown there from an explosion in the Target Area (See plate 4).

(2) The area has multiple private owners and is used for recreational purposes.

7. EVALUATION OF ORDNANCE HAZARDS

a. General Procedures

(1) Each sub-site was evaluated to determine confirmed, potential, or uncontaminated ordnance presence. Confirmed ordnance contamination is based on verifiable historical evidence or direct witness of ordnance items. Verifiable historical record evidence consists of ordnance items located on site since site closure and documented by local bomb squads, military Explosive Ordnance Demolition (EOD) Teams, newspaper articles, correspondence, and current findings. Direct witness of ordnance items consists of the site inspection team directly locating ordnance items by visual inspection. Additional field data is not needed to identify a confirmed site.

(2) Potential ordnance contamination is based on a lack of confirmed ordnance presence. Potential ordnance contamination is inferred from records or indirect witness. Inference from historical records would include common practice in production, storage, or disposal at that time which could have allowed present day ordnance contamination. Potential ordnance contamination could also be based on indirect witness or from present day site features. Additional field data is needed to confirm potential ordnance subsites.

(3) Uncontaminated ordnance subsites are based on a lack of confirmed or potential ordnance evidence. There is no reasonable evidence, either to direct or inferred, to suggest present day ordnance contamination. Additional field data is not needed to assess uncontaminated ordnance subsites.

b. Area A: Target Area

(1) Based on materiel collected during the ASR, this area is considered a **Confirmed** area of contamination. This is based on historical documentation and visual evidence. The OE SI team found ammunition items within the target area.

(2) The ordnance found in this area was fragmentation from High Explosive bombs, and fuzing for the bombs. A BLM representative was with the SI team when the items were found. The items were inert and were not hazardous, they appeared to have already functioned as intended (See documents D-1 through D-3, J-3 and J-5).

c. Area B: Buffer Zone (Additional Acreage)

Area B is a **potential** area of contamination because of its proximity to Area A, the Target Area. There could have been inadvertent or inaccurate releases of munition items by the pilots during their training missions. There could also have been munition items blown there from explosions in Area A. Just as the fuze found in the western portion of Area A could have been blown there by an explosion, items could have been blown further into this area.

d. Area C: PBR #15

PBR #15 will be assessed for OE presence at a future date when an approved OE project is assigned by CEHNC. The SI team did observe ammunition items within this area. The munition items were the remains of M38A2 Sand filled practice bomb and a vane cup from a fuze (See plate 4).

e. Area D: South Buffer Zone (Additional Lands)

Area D is a **potential** area of contamination because of its proximity to Area A, the Target Area. There could have been inadvertent or inaccurate releases of munition items by the pilots during their training missions. There could also have been munition items blown there from explosions in Area A. Just as the fuze found in the western portion of Area A could have been blown there by an explosion, items could have been blown further into this area (See plate 4).

8. SITE ORDNANCE TECHNICAL DATA

a. **End Item Technical Data**

(1) While no comprehensive list of the exact types of ammunition used at the former Victorville PBR "Y" could be located, the range was a demolition bombing range. The general fillers of the munitions used on the target area were high explosives. No evidence exists that chemical warfare materials were used at this site.

(2) Table 8-1, has been developed to establish a list of potential ordnance items and their filler that could exist at surface or sub-surface levels within the former site. This table has been developed based on historical documentation and circumstances under which this area was used. The model numbers used to delineate possible types are speculative and are based on common models that existed during WWII.

TABLE 8-1 SUMMARY OF SITE SPECIFIC ORDNANCE			
NAME	MODEL/TYPE	FILLER/weight	FUZE
Bomb Practice 100 lb w/Spotting Charge	M38A2 M1	Sand/ 100 lb 425 grains of Black powder	
Bomb, 100 lb	AN-M30/GP	Amatol/53.3 lb or TNT/56.6 lb	AN-M103, AN-M100, M118, M119, M106
Bomb, 500 lb	M43	Amatol/266 lb	M127 and AN-M101A2, M113
Bomb, 2000 lb	AN-M34/GP	Amatol/1061 lb	AN-M103, AN-M100, M118, M119, M106 and AN-MK230

b. **Chemical Data of Ordnance Fillers**

Table 8-2, on the next page, has been developed to provide information on the explosive/chemical compounds used in the ordnance cited in Table 8-1.

9. OTHER ENVIRONMENTAL HAZARDS

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

The ASR team did not find any evidence of hazards of any kind, present on this site, that would warrant initiation of an HTRW project.

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 project be pursued for this site.

TABLE 8-2
SUMMARY OF SITE ORDNANCE FILLERS

Explosive Material	Synonyms	Chemical Compounds
Black Powder		
74% Potassium Nitrate	Salt Peter; Niter	KNO_3
11% Sulfur		S
16% Charcoal		C
Amatol (50-50)		
Ammonium Nitrate		NH_4NO_3
TNT	2,4,6-trinitrotoluene	$CH_3C_6H_2(NO_2)_3$

Ordnance and Explosives Project
Archives Search Report
for
FORMER VICTORVILLE PRECISION
BOMBING RANGE (PBR) Y
VICTORVILLE, CALIFORNIA
PROJECT NUMBER J09CA069501

APPENDIX A

REFERENCE SOURCES

APPENDIX A

REFERENCE SOURCES

The following organizations and personnel are acknowledged for their support.

Organizations	Name	Telephone	Nature of Support
GOVERNMENT SOURCES			
FEDERAL AGENCIES			
Department of Defense			
Defense Technical Information Center Cameron Station Alexandria, VA 22304	Staff	(202) 274-7633	Automated Search
Defense Library on Disk Pentagon Library Room 1A518 Washington, D.C. 20319	Staff	(703) 697-4658	Automated Search
Defense Logistics Studies Information Exchange Fort Lee, VA 23801	Staff	(804) 734-4007	Automated Search
DDESB Database 2461 Eisenhower Ave Alexandria, VA 22331-0600	Computer Search	(703) 325-8624	No Relevant Site Information
U.S. Army Technical Center for Explosive Safety ATTN: SIOAC-ESL ATTN: SIOAC-ESM Savanna, IL 61074-9639	Reference Center Technical Library	(815) 273-8749 (815) 273-8771	No Relevant Site Information
Defense Mapping Agency Attn.: PMSC 6001 McArthur Blvd. Bethesda, MD 20816	James Ferguson	(301) 227-2495	Aeronautical Charts

REFERENCE SOURCES (cont.)

Organizations	Name	Telephone	Nature of Support
GOVERNMENT SOURCES			
FEDERAL AGENCIES (cont.)			
U.S. Army			
U.S. Army Center of Military History 1099 14 th Street N.W. Washington, D.C. 20536	Staff	(202) 504-5416	See Appendix B, Section II Parts A & B
U.S. Army Chemical and Biological Defense Command Aberdeen Proving Ground, MD 21010	Kathleen Ciolfi	(410) 671-4430	No Relevant Information
U.S. Military History Institute Carlisle Barracks Carlisle, PA 17013	Dennis Vetock John Slonaker	(717) 245-3611	No Relevant Information
U.S. Military History Institute Photo Archives Textual Archives Carlisle Barracks Carlisle, PA 17013	Mike Winey Richard Sommers	(717) 245-3434 (717) 245-3601	No Relevant Information
IOC Historical Office Bldg. 390 Rock Island Arsenal Rock Island, IL 61299	Tom Slattery	(309) 794-1450	No Relevant Information
Rock Island Arsenal Museum Rock Island Arsenal Rock Island, IL 61299	Chris Leinicke	(309) 794-5021	No Relevant Information
HQ, USACE-Office of History 7701 Telegraph Rd. Alexandria, VA 22310	Martin Gordon, Ph.D	(703) 355-3558	See appendix B, Section II Parts A & B
Army Safety Management Information System Ft. Rucker, AL 36322	On Line Computer	(205) 255-6485	No Relevant Information

REFERENCE SOURCES (cont.)

Organizations	Name	Telephone	Nature of Support
GOVERNMENT SOURCES			
FEDERAL AGENCIES (cont.)			
U.S. Army (cont.)			
U.S. Army Corps of Engineers Los Angeles District 911 Wilshire Blvd. Los Angeles, CA 90017-3401	Deborah Castens Greg Boghossian Richard Nagle Deloris Henderson	(213) 894-2865 (231) 894-3760 (213) 894-2951 (213) 894-5583	Historical Information, Real Estate Reports
U.S. Army Ordnance Museum Aberdeen Proving Ground, MD 21005	Roger Godin	(301) 278-3602	No Relevant Information
259th Ordnance Det. (EOD) Fort Irwin, CA 92301-5051	SFC White	(619) 380-4092	Negative Report
70th Ordnance Det. (EOD) P.O. Box 6376 San Diego, CA 92166	Sgt. McFarlen	(619) 553-8500	Negative Report
U.S. Army Chemical School Fisher Library Bldg 1081 Fort McClellan, AL 36205-5000	Richard Pastorett	(205) 848-4414	No Relevant Information
U.S. Army Chemical Corps Museum ATTN: ATZN-CM-MM Fort McClellan, AL 36205	Sgt. Major Murray	(205) 848-6555	No Relevant Information
U.S. Army Construction Engineering Research Laboratory Champaign, IL 61820	Pat Lacey	(217) 373-7217	No Relevant Information
U.S. Air Force			
Air Force Historical Research Agency (IRIS) Maxwell AFB, AL 36112-6424	Lynn Gamma Captain Peters	(205) 953-2439 (205) 953-2437	No Relevant Information

REFERENCE SOURCES (cont.)

Organizations	Name	Telephone	Nature of Support
GOVERNMENT SOURCES			
FEDERAL AGENCIES (cont.)			
U.S. Air Force (con't)			
Air Force Real Estate Agency 172 Luke Ave. Suite 104 Bolling AFB, DC 20332-5113	Dave McKinney	(202) 767-6233	No Relevant Information
Air University Library 600 Chennault Circle Maxwell AFB, AL 36112	Leroy Bell	(205) 953-2888	No Relevant Information
U.S. Air Force Museum P.O. Box 1903 Wright-Patterson AFB, OH 45433	Staff	(513) 555-3286	No Relevant Information
1st Camera Squadron DET 9 1CTCS/DOV 3720 Fetchet Ave Andrews AFB, MD 20331	James Ferguson	(301) 981-2257	No Relevant Information
Nellis Air Force Base EOD Det Area 2 Building 10234 Las Vegas, NV	SSGT Hannon	(702) 652-1218	No Relevant Information Not responsible for this area
U.S. Navy			
Marine Corps Historical Center Bldg. 58 Washington Naval Yard Washington, DC 20374	Staff	(202) 433-3483	See Appendix B Section II, Parts A & B
Naval Construction Battalion ATTN: Code 10H-NAVFAC Historian Port Hueneme, CA 93043	Dr. Vince Transano	(805) 982-5913	No Relevant Information

Reference Sources (cont.)

Organizations	Name	Telephone	Nature of Support
GOVERNMENT SOURCES			
FEDERAL AGENCIES (cont.)			
Department of Defense (cont.)			
U.S. Navy (cont.)			
Navy Historical Center Bldg. 57 Washington Naval Yard Washington, DC 20374	Staff	(202) 433-3171	See Appendix B Section II Parts A & B
U.S. Marine EOD Unit Twenty-nine Palms, CA 92272	SGT Phillips	(619) 830-7215	No Relevant Information Not responsible for this area
National Archives Reference Administration			
National Archives Cartographic and Architectural Branch College Park, MD 20740	Staff	(301) 713-7040	See Appendix B Section II, Parts A & B
National Archives Archives I (Modern Military) Pennsylvania Ave & 7th Washington, D.C. 20408	Staff	(202) 501-5385	See Appendix B Section II, Parts A & B
National Archives Archives I (Navy) Pennsylvania Ave & 7th Washington, D.C. 20408	Staff	(202) 501-5385	See Appendix B Section II, Parts A & B
National Archives Archives I (Old Military) Pennsylvania Ave & 7th Washington, D.C. 20408	Staff	(202) 501-5385	See Appendix B Section II, Parts A & B

REFERENCE SOURCES (cont.)

Organizations	Name	Telephone	Nature of Support
GOVERNMENT SOURCES			
FEDERAL AGENCIES (cont.)			
National Archives Reference Administration			
National Archives Archives II (Civil Reference Br) 8601 Adelphi Rd College Park, MD 20740	Staff	(301) 713-7040	See Appendix B Section II, Parts A & B
National Archives Archives II (Motion Picture Br) 8601 Adelphi Rd College Park, MD 20740	Staff	(301) 713-7060	See Appendix B Section II, Parts A & B
National Archives Archives II (Still Picture Br) 8601 Adelphi Rd. College Park, MD 20740	Staff	(301) 713-6660	See Appendix B Section II, Parts A & B
National Archives Archives II (Textual Br) 8601 Adelphi Rd. College Park, MD 20740	Staff	(301) 713-7250	See Appendix B Section II, Parts A & B
National Archives (Civil and Military) Suitland Reference Branch 4205 Suitland Road Suitland, MD 20409	Staff	(301) 457-7190	See Appendix B Section II, Parts A & B
National Archives Federal Records Center 2400 Avila Road Laguna Niguel, CA 92656	Greg Pearman	(714) 643-4220	See Appendix B Section III, Parts A & B
National Archives Pacific Southwest Region 2400 Avila Road Laguna Niguel, CA 92656	Suzanne Dewberry	(714) 643-4220	See Appendix B Section III, Parts A & B

REFERENCE SOURCES (cont.)

Organizations	Name	Telephone	Nature of Support
GOVERNMENT SOURCES			
FEDERAL AGENCIES (cont.)			
National Archives Reference Administration (con't)			
National Archives Federal Records Center 1000 Commodore Drive San Bruno, CA 94066	Lisa Miller	(415) 876-9009	See Appendix B Section III, Parts A & B
Congress			
Library of Congress Geography and Map Division Washington, D.C. 20536	Contractor	(202) 707-5522	See Appendix. B, Section II, Parts A and B
Smithsonian Museum Historical Research Div. Washington, D.C. 20560	Contractor	(202) 357-3133	See Appendix B, Section II, Parts A and B
Department of Agriculture			
Aerial Photography Field Office Salt Lake City, UT 84131	Sherrie Holyoak	(801) 975-3503	No Relevant Information
Consolidated Farm Service Agency 45116 North 13th Street West Lancaster, CA 93534	Doug Brand	(805) 942-9549	Aerial Photos, Site Information
Natural Resource Conservation Service 18484 Highway 18, Suite 195 Apple Valley, CA 92307	Jackie Lindgren Rick Aquay	(619) 242-2906	Provided San Bernardino County Soil Survey

REFERENCE SOURCES (cont.)

Organizations	Name	Telephone	Nature of Support
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GOVERNMENT SOURCES

FEDERAL AGENCIES (cont.)

Department of Agriculture (con't)

Natural Resource Conservation Service 222 East Main Street Barstow, CA 92311	Peter Fahnestock	(619) 256-5004	No Relevant Information
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Department of Commerce

NOAA Air Weather Service Federal Bldg. Room 305 Asheville, NC 28801	Janet Wall	(704) 271-4404	Climatic Data
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NOAA National Climatic Data Center Federal Bldg. Asheville, NC 28801	Yolanda Goosch Sam McCowan	(704) 271-4272	Climatic Data
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Department of the Interior

Bureau of Land Management Barstow Resource Area 150 Coolwater Lane Barstow, CA 92311	Tim Read Barry Nelson	(619) 255-8711	Real Estate Records
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Bureau of Land Management 6221 Box Springs Blvd. Riverside, CA 92507-0714	John Keyes	(909) 697-5383	Dedudding Information
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U.S. Fish and Wildlife 2730 Loker Avenue West Carlsbad, CA 92008	Beth Burr	(619) 431-9440	No Relevant Information
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REFERENCE SOURCES (cont.)

Organizations	Name	Telephone	Nature of Support
GOVERNMENT SOURCES			
FEDERAL AGENCIES (cont.)			
Department of the Interior (con't)			
U.S. Fish and Wildlife Ecological Services 2493 Portola Road, Suite B Ventura, CA 93003	Ray Brandfield	(805) 644-1766	No Relevant Information
U.S. Geological Survey (ESIC) Box 25046, Bldg 810 Denver Federal Center Denver, CO 80225	Tim Hannon Vivian Tarver	(303) 202-4200	No Relevant Information
U.S. Geological Survey (ESIC) Box 25286, Bldg 810 Denver Federal Center Denver, CO 80225	Staff	(303) 202-4700	Topographical Maps
U.S.G.S (ESIC) 1400 Independence Road Rolla, MO 65401	Staff	(307) 358-3644	No Relevant Information
U.S.G.S (ESIC) 507 National Center Reston, VA 22092	Staff	(703) 860-6045	No Relevant Information
STATE AGENCIES			
California SHPO Archeological Information Center 2024 Orange Tree Lane Redlands, CA 92374	Robin Laska	(909) 792-1497	Archeological and Historical Resources
California State Archives 1020 East O Street Sacramento, CA 92415	Mr. Metzger	(916) 653-2246	Referral No Relevant Information

REFERENCE SOURCES (cont.)

Organizations	Name	Telephone	Nature of Support
GOVERNMENT SOURCES			
STATE AGENCIES (cont.)			
California State Library 914 Capital Hall Library and Courts Bldg. Sacramento, CA 94237-0001	John Gonzales	(916) 654-0176	Negative Information
California State University San Bernardino Library 5500 University Parkway San Bernardino, CA 92407-2397	Librarian	(909) 880-5084	No Relevant Information
LOCAL			
San Bernardino County Archives 777 East Rialto Avenue San Bernardino, CA 92415-0795	Jim Hoffer	(909) 387-2030	No Relevant Information
San Bernardino County Assessor 172 West 3 rd Street San Bernardino, CA 92415-0022	Staff	(909) 387-8307	Real Estate Information
San Bernardino County Flood Control Planning 825 East 3 rd Street San Bernardino, CA 92415	Gary Duncan	(909) 387-2529	No Relevant Information
San Bernardino County Library Lucerne Valley Branch 33103 Old Woman Springs Road Lucerne Valley, 92356	Staff	(619) 248-7521	Referral No Relevant Information
San Bernardino County Library Victorville Branch Victorville, CA 92392	Mr. Booker Ms. Oliver	(619) 245-4222	No Relevant Information

REFERENCE SOURCES (cont.)

Organizations	Name	Telephone	Nature of Support
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GOVERNMENT SOURCES

STATE AGENCIES (con't)

LOCAL

San Bernardino County Museum 2024 Orange Tree Lane Redlands, CA 92374	Robin Laska Noella Benvenuti	(909) 798-8570	No Relevant Information
San Bernardino County Planning 385 N. Arrowhead Avenue San Bernardino, CA 92415	Marla Taub	(909) 387-4131	No Relevant Information
San Bernardino County Recorder 222 West Hospitality Lane San Bernardino, CA 92415-0022	Staff	(909) 387-8322	No Relevant Information
San Bernardino County Sheriff and Bomb Squad 655 East 3rd Street San Bernardino, CA 92415	Detective Abernathy	(909) 387-3583	No Relevant Information
San Bernardino Director of Airports 825 East 3rd Street San Bernardino, CA 92415-0831	Robert Olislagers	(909) 387-2877	No Relevant Information
San Bernardino Public Library 555 West 6th Street San Bernardino, CA 92410	Chris Shovey	(909) 381-8208	No Relevant Information

Non-Government Sources

NATIONAL

Online Computer Library Center 6565 Frantz Road Dublin, OH 43017-3395	Computer Search	(800) 848-5878	No Relevant Information
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REFERENCE SOURCES (cont.)

Organizations	Name	Telephone	Nature of Support
Non-Government Sources			
NATIONAL			
Scientific and Technical Information Library Automatic Retrieval System 689 Discovery Drive Huntsville, AL 35806	Computer Search	(205) 922-9820	No Relevant Information
Knight-Ridder Information, Inc. 2440 El Camino Real Mountain View, CA 94040	Computer Search	(800) 334-2564	No Relevant Information
Northern Illinois Library System 4034 East State Street Rockford, IL 61108	Computer Search	(815) 229-0330	No Relevant Information
Do You Graphics 14827 Old Frederick Road Woodbine, MD 21797-8615	Cindy Gilley	(410) 442-1060	No Relevant Information
LOCAL			
San Bernardino Visitor and Convention Bureau 201 North E Street San Bernardino, CA 92401	Staff	(909) 889-3980	No Relevant Information
Scholarly Resource Inc. 104 Green Hill Avenue Wilmington, DE 19805-1897	Staff	(800) 772-8937	No Relevant Information
Victor Valley Community College Library 18422 Bear Valley Road Victorville, CA 92392-9699	Staff	(619) 245-4271	No Relevant Information

Reference Sources (cont.)

Organizations	Name	Telephone	Nature of Support
Non-Government Sources			
LOCAL (con't)			
Victor Valley Economic Development Authority 13246 Eagle Street Victorville, CA 92394-0000	Richard Cole Michael Pexton	(619) 246-6115	No Relevant Information
Victorville Chamber of Commerce 14174 Greentree Boulevard Victorville, CA 92392	Sally Martinez	(619) 245-6506	No Relevant Information
Victorville Museum 11873 Apple Valley Road Apple Valley, CA 92308	Walter Day Evelyn O'Brien	(619) 240-2111	Referral No Relevant Information
LOCAL INDIVIDUALS			
19446 Corwin Road Apple Valley, CA 92308	Edward Laska Sr.	(619) 242-5746	See Interview I-1
15193 Redondo Drive Victorville, CA 92308	Wayne Fowlie	(619) 245-9409	See Interview I-2
15681 Gazelle Victorville, CA 92308	Edward Laska Jr.	(619) 242-4957	See Interview I-3
16271 Green Hill Drive Victorville, CA 92308	Dick Whitbeck	(619) 245-5663	See Interview I-4
14366 Navarro Drive Victorville, CA 92392	Arnie Marks	(619) 241-5683	See Interview I-5
14398 Navarro Drive Victorville, CA 92392-4557	Tim Collister Sr.	(619) 241-6022	See Interview I-5
13586 Shawnee Road Apple Valley, CA 92308	Ron Robinson	(619) 247-2730	See Interview I-5

Reference Sources (cont.)

Organizations	Name	Telephone	Nature of Support
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Non-Government Sources

LOCAL INDIVIDUALS

P.O. Box 873
Rialto, CA 92377-0873

Francis Guidi

(909) 874-3523

See Interview I-5

Ordnance and Explosive Project
Archives Search Report
for
FORMER VICTORVILLE PRECISION
BOMBING RANGE (PBR) Y
VICTORVILLE, CALIFORNIA
PROJECT NUMBER J09CA069501

APPENDIX B

GENERAL REFERENCES AND ABSTRACTS

APPENDIX B

General References and Abstracts

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PART B: NEGATIVE FINDINGS REPORT

SECTION III: REGIONAL NATIONAL ARCHIVES SEARCH

PART A: POSITIVE FINDINGS

PART B: NEGATIVE FINDINGS

APPENDIX B
Section I
Bibliographies

B-1. Mandatory Plan for Ordnance and Explosive (OE) Mandatory Center of Expertise (MCX) and Design Center, CEHND 1105-3-9, US Army Corps of Engineers, Huntsville Division, dated 10 August 1992.

B-2. Defense Environmental Restoration Program for Formerly Used Defense Sites, Ordnance and Explosive, Archives Search Report Instructions, Version 1.0 with changes, US Army Corps of Engineers, Rock Island District, dated 21 December 1992.

B-3. CEHND 1115-3-520, Acronyms, Brevity Codes, and Symbols Commonly Used In Ordnance and Explosives (OE) Projects, U.S. Army Corps of Engineers Huntsville, dated September 1995.

B-4. Inventory Project Report: Includes the Site Survey Summary Sheet for DERP-FUDS Site No. J09CA069500, the Findings and Determination of Eligibility, Corps of Engineers, Los Angeles District, dated 25 April 1995 (E-1).

B-5. The US Army Installations of World War I and World War II (with Army Air Corps Fields and Bases), compiled by Mark A Woolard, dated 1983.

B-6. TM 9-1900, Ammunition General, War Department, Department of the Army, dated June 1945.

B-7. TM 9-1980, Bombs for Aircraft, War Department, dated 15 November 1944.

B-8. TM 43-0001-29, Ammunition Data Sheets, Department of the Army, dated October 1977 w/chg C11, 29 May 1992.

B-9. Ammunition General Volume 3, Aircraft Bombs, Ordnance School Special Text, OS 9-18, Ordnance School Aberdeen Proving Ground, dated October 1942 (D-1).

- B-10. Jane's American Fighting Aircraft of the 20th Century, By Michael J.H. Taylor, dated 1991.
- B-11. Air Force Technical Order, 60A-2-1-11, US Explosive Ordnance Disposal Procedures, Naval Explosive Ordnance Disposal Facility, dated 28 May 1947.
- B-12. Development of AAF Base Facilities in the United States, 1939-1945, US Air Force Historical Office, dated July 1947.
- B-13. American Warplanes of World War II, Edited by David Donald, AIRtime Publishing Incorporated, dated 1995.
- B-14. TM 9-1904, Ammunition Inspection Guide, War Department, dated 2 March 1944.
- B-15. World War II United States Aircraft, By Bill Gunston, dated 1985.
- B-16. Local Climatological Data Annual Summary with Comparative Data, Los Angeles, California Civic Center, Department of Commerce, National Oceanic and Atmospheric Administration, dated 1993.
- B-17. Local Climatological Data Annual Summary with Comparative Data, Los Angeles, California International Airport, Department of Commerce, National Oceanic and Atmospheric Administration, dated 1993.
- B-18. Local Climatological Data Annual Summary Long Beach, California, Department of Commerce, National Oceanic and Atmospheric Administration, dated 1993.
- B-19. Climatology of the United States NO. 60, Climate of California, Department of Commerce, National Oceanic and Atmospheric Administration, dated 1992.
- B-20. Air Force Technical Order, 60A-1-1-4, U.S. Explosive Ordnance Procedures Protection of Personnel and Property,

Revision 2, Prepared by Naval Explosive Ordnance Disposal Technology Center, dated 1 October 1986 with Change 1 dated 16 September 1988.

B-21. Development of AAF Base Facilities in the United States, 1939-1945, U.S. Air Force Historical Office, dated July 1947.

B-22. TM 1-409, Aircraft Armament and Pyrotechnics, War Department, dated 30 July 1941.

B-23. Complete Round Charts, Bombs, AMCP 700-3-4, U.S. Army Material Command, dated December 1968.

B-24. Site Safety Plan for OE Investigations, U.S. Army Corps of Engineers, Rock Island District, dated 25 June 1992, w/Appendix A-133, dated 13 March 1996.

B-25. TM 9-1325-200, Bombs and Bomb Components, Department of the Army, dated April 1966, (B-25).

B-26. Report, Subject: Historical Resources Record Search for: Victorville PBR #1, 13, Y, prepared by the Archaeological Information Center, San Bernardino County Museum, dated 17 January 1996, (E-2).

B-27. Letter, Subject: Funds for Bombing Target Construction, Victorville Airfield, California, Chief of the Air Corps Buildings and Grounds Division, dated 31 January 1942, -NARA, RG 18, Entry Project Files-Airfields 1939 through 1942, Box 1834, (F-1).

B-28. Letter, Subject: Land Acquisition, Bombing Ranges for Victorville Army Flying School, Victorville, California, War Department Office of the Chief of Engineers, dated 2 September 1942, NARA, RG 18, Entry Project Files-Airfields 1939 through 1942, Box 1834, (F-2).

B-29. Excerpt of Contract Status, Contract No. W-509-Eng-2196, Bombing Targets, dated November 1942, Center for Air

Force History, Microfilm Roll No. B2647 through Roll No. 2648, (F-3).

B-30. Memorandum, Subject: Acquisition of Bombing Targets, Victorville, California, from Headquarters West Coast Training Center, dated 16 January 1943, NARA, RG 18, Entry 292, Box 1592, (F-4).

B-31. Chart of Bombing Targets East and North Ranges, dated 1944, Center for Air Force History, Microfilm Roll No. B2647 through Roll No. 2648, (F-5).

B-32. Memorandum, Subject: Declaration of Excess, Targets 6, 9, 15, "Y" and "Z", Victorville Army Air Field, Victorville, California, dated 22 June 1946, NARA, RG 77, Entry 1011, Box 858, (F-6).

B-33. Letter, Subject: Progress of Deduinding and Posting - Victorville Range 3rd endorsement, Headquarters Office of the Commanding General March Field, dated June 1947, NARA, National Personnel Records Center, RG 342, Accession 44A6005, location 4-35-74-1-5, (F-7).

B-34. Report, Subject: Report on the deduinding of Victorville Bombing Targets, San Bernardino County, California, dated 20 October 1947, NARA, Pacific Southwest Region, RG 270, Records of the War Assets Administration, Box 161, (E-3).

B-35. Letter, Subject: Species List for Specified Areas near Victorville, San Bernardino County, California, from United States Department of the Interior Fish and Wildlife Service, dated 30 January 1996, (F-8).

B-36. Memorandum, Subject: Release of Targets 6, 9, 15, "Y", Victorville Army Airfield, Victorville, California, from War Department, Army Service Forces, dated 27 June 1945, NARA, Pacific Southwest Region, RG 270, Box 161, (F-9).

B-37. Warning Notice, Subject: Declaration as surplus of Bombing Targets, Department of the Army Office of the Chief

of Engineers, Real Estate, dated 29 June 1945, NARA, Pacific Southwest Region, RG 270, Box 161, (F-10).

B-38. Memorandum, Subject: Certification of Clearance, Corps of Engineers, Real Estate, dated 1 November 1948, NARA, Pacific Southwest Region, RG 270, Box 161, (F-11).

B-39. Tract Register for PBR "Y", dated 23 June 1948, USACE Office of History, Real Estate Records, (G-1).

B-40. Report, Subject: Final Report on Victorville Precision Bombing Range "Y", dated 31 May 1951, USACE Office of History, Real Estate Records, (G-2).

B-41. Photographs of Means Dry Lake, taken by Los Angeles District Corps of Engineers, dated 14 November 1988, (K-1)

B-42. Map, Real Estate, Victorville Army Air Field Bombing Ranges, dated 19 September 1945, USACE Office of History, Real Estate Records, (L-1).

B-43. Aerial photograph of Means Dry Lake, US Department of the Interior Geological Survey Center, dated 16 August 1989, (K-2).

B-44. Brief History of George Air Force Base 1941-1950, Prepared by the USAF Historical Division Research Studies Institute, dated April 1956, Air Force Historical Research Agency, Location K110,5035-1, 1941-1950.

B-45. Plat Map of Township 4 North, Range 4 East, prepared by the Bureau of Land Management, dated 1992 (G-3).

B-46. Assessor's Map of N ½ Section 36, Township 4 North, Range 4 East S.B.B & M, Book 454 page 41, San Bernardino, January 1981 (G-4).

B-47. San Bernardino County Parcel List, prepared by DATAQUICK Information Systems, dated 1995 (G-5).

B-48. Report, Subject: Archives Search Report, Findings, Victorville PBR N-1, Victorville PBR #2, Victorville PBR #7 and Victorville PBR #8, San Bernardino County, California, Prepared by US Army Corps of Engineers, ST. Louis District, June 1995.

SECTION II
NATIONAL CAPITOL REGION ARCHIVES FINDINGS
PART A
POSITIVE FINDINGS

VICTORVILLE PRECISION BOMBING RANGE #Y, CA

***CENTER FOR AIR FORCE HISTORY
WASHINGTON, DC***

Microfilm Roll No. B2647

Page 1481 thru Roll No. B2648

Historical Record of Victorville Army Airfield, Victorville, CA, January 1939-
30 June 1944

***CENTER OF MILITARY HISTORY
WASHINGTON, DC***

Historical Research Branch

Posts, Camps, and Stations - WWII, Vol. XII (T-Z)
Data Sheet, Victorville, CA, 1943-1945

***NARA - ARCHIVES I
WASHINGTON, DC***

RG 18 (Records of the Army Air Corps)

Entry: Project Files - Airfields, 1939-1942

Box 1834

Correspondence Relative to Proposed Construction, Victorville Advanced Twin
Engine School, (Bombardier), June 1941

Entry: Project Files - Airfields, 1939-1942

Box 1834

Correspondence Relative to Funding for Bombing Range Targets at Victorville
Army Airfield, 30-31 January 1942

Entry: Project Files - Airfields, 1939-1942

Box 1834

Correspondence Relative to Government Owned Lands required for Advance Flying School No. 4, Victorville Bombing Ranges, February-March 1942

Entry: Project Files - Airfields, 1939-1942

Box 1834

Memorandum Relative to real Estate Data for Victorville Army Flying School Ordnance Storage Facilities, March 1942

Entry: Project Files - Airfields, 1939-1942

Box 1834

Memoranda Relative to Real Estate Acquisition for Victorville Army Flying School Target Ranges, Ordnance Facilities, Etc, March-April 1942

Entry: Project Files - Airfields, 1939-1942

Box 1834

Memorandum Relative to Land Acquisition for Victorville Military Airport Bombing Ranges, June-October 1942

Entry: Project Files - Airfields, 1939-1942

Box 1834

Memorandum Relative to Land Acquisition, Victorville Army Airfield Bombing Ranges, September 17, 1942

Entry: Project Files - Airfields, 1939-1942

Box 1835

Authorized Ordnance Storage Facility Construction, Victorville Army Flying School, November 1941-May 1942

Entry: Project Files - Airfields, 1939-1942

Box 1835

Detailed Real Estate Acquisition Data, Victorville Army Flying School Bombing Ranges, January-August 1942

***NARA - ARCHIVES II
COLLEGE PARK, MD***

RG 18 (Records of the Army Air Corps)

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

Box 2281

Memorandum Relative to Status and Proposed Usage of Victorville Army Airfield, 1945

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

Box 2281

Memorandum Relative to Hangar Modifications, Victorville Army Airfield, 1945

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

Box 2281

Correspondence Relative to Installation of Sonic Bomb Scoring Targets, Victorville Army Airfield Bombing Ranges, March-April 1945

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

Box 2281

Letter Relative to Status of Victorville Army Airfield, 4 October 1945

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

Box 2281

Memorandum Relative to Use of Victorville Army Airfield for Surplus Aircraft Storage, 13 November 1945

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

Box 2281

Memorandum Relative to 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 2281

Correspondence Relative to Decontamination of Bombing and Target Ranges, August-September 1946

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

Box 1592

Rolled Map, Bombing Range Target Areas, Advanced Twin Engine School, Victorville Army Airfield

Entry 292: Air Adjutant General's Central Decimal File, October 1942-1944
Box 1592

Correspondence Relative to Bombing Target Site Acquisition, Victorville
Advanced Twin Engine School, January 1943

Entry 292: Air Adjutant General's Central Decimal File, October 1942-1944
Box 1592

Memorandum Relative to Bombing Target Situation, Victorville Army Airfield,
26 October 1943

Entry 292: Air Adjutant General's Central Decimal File, October 1942-1944
Box 1641

Correspondence Relative to Status and Requirements of Bombing and Gunnery
Ranges, Victorville Advanced Twin Engine School, 12 August 1943

RG 48 (Records of the Department of the Interior)

Entry 749B: Central Classified Files, 1937-1953
Box 3221

Correspondence Relative to Withdrawal of Public Lands for Use by Victorville
Army Flying School, May 1943

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

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

Memorandum Relative to Cost Estimate for Bombing Target Site Construction,
Victorville Military Airfield, 14 January 1942

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

Memorandum Relative to Declaration of Victorville Precision Bombing Range
#Y as Surplus, 22 June 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, 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, 15 September 1941

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, 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 School,
Victorville, 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 School,
Victorville, 31 January 1942

RG 107 (Records of the Secretary of War)

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

Box 133

Correspondence Relative to Land Acquisition, Victorville Army Airfield
Bombing Ranges, April 1943

***SMITHSONIAN AIR AND SPACE MUSEUM
WASHINGTON, DC***

Videodisc 3B-21786

Aerial View, Test Area, Victorville Army Airfield

Videodisc 3B-48582 thru 48621

17 Aerial Views of Landing Field, Surrounding Area, and Ranges, Victorville Army
Airfield

***USACE OFFICE OF HISTORY
ALEXANDRIA, VA***

Real Estate Records

Realty Control File Summary
Victorville Precision Bombing Range #Y

SECTION II
NATIONAL CAPITOL REGION ARCHIVES FINDINGS
PART B
NEGATIVE FINDINGS

VICTORVILLE PRECISION BOMBING RANGE #Y, CA

***LIBRARY OF CONGRESS
WASHINGTON, DC***

Geography and Map Division

***NARA - ARCHIVES I
WASHINGTON, DC***

RG 18 (Records of the Army Air Corps)

Entry: Central Decimal File, 1939-1942

RG 49 (Records of the Bureau of Land Management)

Entry 1515: Central Files (Division of Technical Programs - Range Staff), 1937-1955

Entry 1519: Records Relating to District Grazing Boundaries, 1935-1961

RG 69 (Records of the Work Projects Administration)

Entry: Central Files, 1935-1944

Entry: Civil Works Administration Central Files, 1931-1954

Entry: FERA, New General Subject Series

Entry: General Subject Series, National Defense Program, 1940-1946

Entry: WPA General Series, National Defense, 1940-1942

RG 135 (Records of the Public Works Administration)

Entry: Project Files

RG 153 (Records of the Office of the Judge Advocate General)

Entry: Reservations File, 1800-1950

RG 162 (Records of the Federal Works Agency)

Entry 7: Central Decimal Files, 1941-1949

Entry 21: Records of the War Public Works Program, 1941-1949

RG 337 (Records of the Headquarters, Army Ground Forces)

Entry 55A: Project Decimal Files, 1942-1947

Entry: Western Defense Command, Airfields

RG 407 (Records of the Adjutant General's Office, 1917-)
Entry: Army - AG Decimal File, 1940-1945

***NARA - ARCHIVES II
COLLEGE PARK, MD***

RG 18 (Records of the Army Air Corps)
Entry: Air Adjutant General, Bulky File, October 1944-1946
Entry 294: Air Adjutant General, Bulky Files, October 1942-1944

RG 22 (Records of the Bureau of Fish and Wildlife)
Entry 243: Cooperative Agreements with the Corps of Engineers, 1943-1962

RG 30 (Records of the Bureau of Public Roads)
Entry 54: Correspondence, 1941-1945

RG 48 (Records of the Department of the Interior)
Entry 749B: Central Classified Files, 1937-1953

RG 57 (Records of US Geological Survey)
Entry 27: Correspondence and Related Records, 1906-1948

RG 77 (Records of the Office of the Chief of Engineers)
Accession 51A-277: District Files, 1945
Accession 52A-40: Division Files, 1945
Accession 53A-132: Miscellaneous Files, 1945
Accession 58A-1076: Real Estate Files
Entry 18: Correspondence, 1789-1942
Entry 106B: General Correspondence, 1918-1945
Entry 1019: General Correspondence with Service Commands, 1918-1949

RG 92 (Records of the Office of the Quartermaster General)
Entry 1890: General Correspondence (Subject File), 1936-1961
Entry 1890AA: Formerly Classified General Correspondence (Subject Files), 1936-1954
Entry 1892: Classified Geographic File, 1936-1945
Entry 1892A: General Correspondence (Geographic File), 1936-1945

RG 107 (Records of the Office of the Secretary of War)
Entry 211: Office, Assistant Secretary of War for Air, Establishment of Airfields and Airbases, 1940-1945
Entry 158: Special Assistant for Construction - MJ Madigan, General Correspondence, 1940-1945
Entry 159: Special Assistant for Construction - MJ Madigan, Projects, 1940-1945

- RG 111 (Records of the Office of the Chief Signal Officer)
Entry: Unclassified Central Decimal Files, 1941-1957
- RG 112 (Records of the Office of the Surgeon General)
Entry: Historical Unit, Medical Detachment - Records Used for Preparing WW II Era Medical Unit Histories
Entry 31: Geographic Series, 1938-1946
Entry 32: Geographic Series (Formerly Security Classified), 1938-1946
- RG 115 (Records of the Bureau of Reclamation)
Entry 7: General Administrative and Program Records, 1919-1945
- RG 160 (Records of the Army Service Forces)
Entry 25: Director of Plans and Operations, Liaison and Control Branch, Subject Files, 1942-1944
Entry 27: Mobilization Division, Command Installation Branch, Correspondence File, 1942-1946
Entry 138: Readjustment Division, Central Decimal Files, 1943-1944
Entry 139: Readjustment Division, Central Decimal Files, 1943-1946
- RG 165 (Records of War Department General and Special Staffs)
Entry 258: Installations Branch, Reports and Correspondence Relating to Construction, Utilization, and Disposal of Army Installations, 1944-1947
Entry 484D: Federal Works Agency Project Files, 1940-1946
Entry 484G: Federal Agencies Branch, Airport Development Project Files, 1940-1942
- RG 168 (Records of the Bureau of the National Guard)
Entry 344: State Decimal Files, 1941-1947
Entry 348: State Guard State Files, 1941-1949
- RG 175 (Records of the Chemical Warfare Service)
Accession 67A-4900: General Correspondence, 1946-1954
Accession 67A-4900: Miscellaneous Files, 1946-1954
Accession 67A-4900: Station Files, 1946-1954
Entry 2A: General Correspondence (Subject Series), 1942-1945
Entry 2B: Correspondence with the War Department and Other Government Agencies, Army Commands and Units, and Schools (Miscellaneous Series), 1942-1945
- RG 207 (Records of the Housing and Home Finance Agency)
Entry 24: General National Housing Records, War Housing Program, 1942-1947
- RG 218 (Records of the U.S. Joint Chiefs of Staff)
Entry: Series, 1942-1959, Geographic File

RG 269 (Records of the General Services Administration)
Entry 62: Real Property Disposal Case Files Transferred from the Farm Credit Administration, 1945-1953)

RG 270 (Records of the War Assets Administration)
Entry 3: Office of Information, Subject Files, 1946-1959

RG 291 (Records of the Federal Property Resources Service)
Entry 5: Real Property Disposal Case Files, 1962

RG 319 (Records of the Army Staff)
Entry 47: Army Intelligence Project Decimal File, 1941-1945

RG 340 (Records of the Office of the Secretary of the Air Force)
Entry 53: Air Coordinating Committee, General File, 1945-1950

RG 341 (Records of the Headquarters, US Air Force)
Entry 468: General File, Subject, 1944-1950

RG 342 (Records of US Air Force Commands)
Entry: "Sarah Clarke" Decimal Correspondence File

***NARA - CARTOGRAPHIC BRANCH
COLLEGE PARK, MD***

Record Groups Specified in Project Work Plan

***NARA - MOTION PICTURE BRANCH
COLLEGE PARK, MD***

Record Groups Specified in Project Work Plan

***NARA - STILL PICTURES BRANCH
COLLEGE PARK, MD***

Record Groups Specified in Project Work Plan

***NARA - SUITLAND REFERENCE BRANCH
SUITLAND, MD***

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

RG 156 (Records of the Office of the Chief of Ordnance)
Entry 36: General Correspondence, 1917-1941
Entry 39: Confidential Correspondence, 1917-1940

RG 175 (Records of the Chemical Warfare Service)
Entry 1: Central Correspondence, 1918-Oct 1942
Entry 4: Secret & Confidential Central Correspondence, 1918-1942

RG 336 (Records of the Office of the Chief of Transportation)
Entry: Historical Program Files, 1940-1950

RG 338 (Records of U.S. Army Commands, 1942-)
Entry: Records of Posts, Camps and Stations
9th Service Command
Western Defense Command

RG 394 (Records of U.S. Army Continental Commands, 1920-1942)
Entry 296: General Correspondence of the Construction Division, 1916-1945
Entry 298: Historical Reports Relating to Post Planning, 1899-1945

RG 407 (Records of the Adjutant General's Office, 1917-)
Entry 427: WWII Operations Reports

***WASHINGTON NATIONAL RECORDS CENTER
SUITLAND, MD***

RG 77 (Records of the Office of the Chief of Engineers)
Accession A52-117
Accession A52-259
Accession A52-434
Accession 68A-1932

SECTION III
REGIONAL NATIONAL ARCHIVES FINDINGS
PART A
POSITIVE FINDINGS

VICTORVILLE PBR Y, CA

NARA, PACIFIC SOUTHWEST REGION
LAGUNA NIGUEL, CA

RG 49, Records of the Bureau of Land Management
Box 1029

Memo, Subject: Contamination of Land by Defense Agencies,
dated April 27, 1962

RG 77, Records of the Office of the Chief of Engineers
Box 2, Realty Historical Files

Affidavit in Support of Motion to Dismiss, and Order Thereon
(As to Tracts 14 and 15)

Judgement by Default
(As to Tracts 11)

Preliminary Certificate of Title No. 140863
Tract No. 11

Victorville Airport Extension
Judgement for Deficiency

(As to Tract No. 12 Only)

Quitclaim Deed, Dated 28 August 1942 for 4.195 Acres,
Victorville Army Flying School

List of Documents Pertaining to Victorville AAF, California
Transmitted to Division Engineer, South Pacific Div,
California

Map, Victorville Military Airport Bombing Targets, File No.
L-113, CAL-26, No Date Listed

Map, Real Estate, Victorville Army Air Field, Expansion of
Facilities, dated 3 February 1945, Drawing No. 208-P

RG 270, Records of the War Assets Administration

Box 161, Real Property Disposal Case Files
Public Land Order 125, California, Withdrawing Public Lands
for Use of the War Department as Bombing Target Sites

Memo, Subject: Report on the Dedudding of Victorville
Bombing Targets, San Bernardino County, California, dated
20 October 1947 Nos. 6, 8, 9, 15, Y, 1-Z and 2-Z

Memo, Subject: Report of the Dedudding of Victorville
Bombing Targets, San Bernardino County, California, dated
4 February 1948 Nos. 3, 7, 10, 11, 12, 13, 14, 16, 17, 19
and 20

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

Memo to Surplus Property Disposal, Farm Credit
Administration, re: Decontamination certificate covering
Victorville Bombing Targets Nos. 6, 8, 9, 15, Y, 1-Z and
2-Z, dated June 4, 1948

Map, Auxiliary Landing Fields Location Map, Victorville
Military Airport, Victorville, California, dated December
1941, File No. 514/68

***NARA, FEDERAL RECORDS CENTER
LOS ANGELES, CA***

Accession No. 77-82-0045
Box 12/20, George Air Force Base, Title Insurance to Tract
#11

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

Location: K110.5035-1, 1941-1950, IRIS 00905362
Brief History of George AFB, 1941-1950

SECTION III
REGIONAL NATIONAL ARCHIVES FINDINGS
PART B
NEGATIVE FINDINGS

VICTORVILLE PBR Y, CA

***NARA, PACIFIC SOUTHWEST REGION
LAGUNA NIGUEL, CA***

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

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

RG 92, Records of the Quartermaster General
All Entries
Nothing found.

RG 121, Records of the Public Buildings Service
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 72, Records of the Bureau of Aeronautics
Nothing of value to this ASR found.

RG 77, Records of the Office of the Chief of Engineers
LA District, Military Construction Projects Log Books 1948-
1970, George AFB
Nothing of value to this ASR found.

NARA, PACIFIC SIERRA REGION
SAN BRUNO, CA

RG 30, Records of the Bureau of Public Roads
All records
Nothing found

RG 49, Records of the Bureau of Land Management
Boxes 1098G-1098J
Box 1015, Series 98
Index to Investigation Case Files 1927-1945
Nothing of value to this ASR found

RG 92, Records of the Office of the Quartermaster
All records
Nothing found

RG 112, Records of the Office of the Surgeon General (Army)
All records
Nothing found

RG 156, Records of the Office of the Chief of Ordnance
All records
Nothing found

RG 219, Records of the Office of Defense Transportation
All records
Nothing found

RG 291, Records of the Federal Property Resources Service
All records
Nothing found

RG 392, Records of the U.S. Army Coast Artillery Districts and
Defenses, 1901-1942
All records
Nothing found

RG 406, Records of the Federal Highway Administration
Accession Number 72A1388
Box 9
Nothing of value to this ASR found
Boxes 3, 4, 5, 6, California FAP Route Reports, 1920-1969

**NARA, FEDERAL RECORDS CENTER
LOS ANGELES, CA**

Accession No. 70A 1364

Boxes 1 and 2

Nothing found

Accession No 77-82-0045

Boxes 1, 2, 3, 4, 6, 7, 8, 9, 10, 11, 13, 14, 15, 18, 19, 20

Nothing found

Accession No 77-85-0006

Boxes 1, 9, 10

Box 3, 6, 8 transferred to U.S. Army Corps of Engineers, Los Angeles, 8/6/87 and Box 7, 1/29/95

Nothing found

Accession No 77-85-0003

Boxes 1, 2, 3, 4, 6, 7, 8, 9

Nothing found

Accession No 77-70A132

Boxes 1, 2, 3, 4, 5 were destroyed

Box 6 transferred to Los Angeles Corps of Engineers District (Not found at COE by researchers)

Nothing found

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

Location: IRIS 1017448

Nothing of value to this ASR found

Box 36, Geigen thru George

Nothing of value to this ASR found

Boxes 23, 28, 53, George, George-Gila Bend

Nothing of value to this ASR found

Accession Number 342-50A4042

Box 06-38-18-1-3 (1 of 2)

Box 06-38-18-1-5 (2 of 2)

Nothing of value to this ASR found

Ordnance and Explosive Project
Archives Search Report
for
FORMER VICTORVILLE PRECISION
BOMBING RANGE (PBR) Y
VICTORVILLE, CALIFORNIA
PROJECT NUMBER J09CA069501

APPENDIX C

GLOSSARY

APPENDIX C

Glossary

AAF	Army Air Forces
AAFWCACTC	Army Air Force West Coast Air Corps Training Center
ASR	Archives Search Report
ATTN	Attention
BD/DR	Building Demolition/Debris Removal
BLM	Bureau of Land Management
CADD	Computer Aided Design
CEHNC	US Army Corps of Engineers, Engineering and Support Center
CENCR	US Army Engineer, Rock Island District
CERCLA	Comprehensive Environmental Response, Compensation and Liability Act
CESPL	US Army Engineer District, Los Angeles
CON	Container
CWM	Chemical Warfare Material
DA	Department of Army
DDESB	Department of Defense Explosive Safety Board
DERA	Defense Environmental Restoration Account
DERP	Defense Environmental Restoration Program
DET	Detachment
DOD	Department of Defense
DOI	Department of Interior
E	East
EE/CA	Engineering Evaluation/Cost Analysis
ESI	Expanded Site Investigation
ELF	Extremely Low Frequency
EOD	Explosive Ordnance Disposal
FDE	Findings and Determination of Eligibility
FUDS	Formerly Used Defense Site(s)
GP	General Purpose
HE	High Explosive
HTRW	Hazardous, Toxic and Radiological Waste
HTW	Hazardous and Toxic Waste
INPR	Inventory Project Report
IRP	Installation Restoration Program
MCX	Mandatory Center of Expertise
N	North
NE	Northeast
NO	Number
NW	Northwest
OE	Ordnance and Explosives
Ord	Ordnance
OS	Ordnance School
PA	Preliminary Assessment

PBR	Precision Bombing Range
PN	Project Number
PRP	Privately Responsible Party
QASAS	Quality Assurance Specialist Ammunition Surveillance
RA	Remedial Action
RAC	Risk Assessment Code
RG	Record Group
SE	Southeast
SHPO	State Historical Preservation Office
SI	Site Investigation or Site Inspection
SIOAC-ES	US Army Technical Center for Explosive Safety
SW	Southwest
TM	Technical Manual
USA	United States Army
USACE	United States Corp of Engineers
USGS	United States Geological Survey
WAA	War Assets Administration
WCACTC	West Coast Air Corps Training Center
WFTC	Western Flying Training Command
WWII	World War 2

Ordnance and Explosive Project
Archives Search Report
for
FORMER VICTORVILLE PRECISION
BOMBING RANGE (PBR) Y
VICTORVILLE, CALIFORNIA
PROJECT NUMBER J09CA069501

APPENDIX D

TEXTS/MANUALS

APPENDIX D

TEXTS/MANUALS

Table of Contents

- D-1. Practice Bomb, 100 pound, M38, dated 1942 (B-9).
- D-2. Aircraft Bombs, dated 1944 (B-7).
- D-3. Bombs and Bomb Components, dated 1966 (B-25).

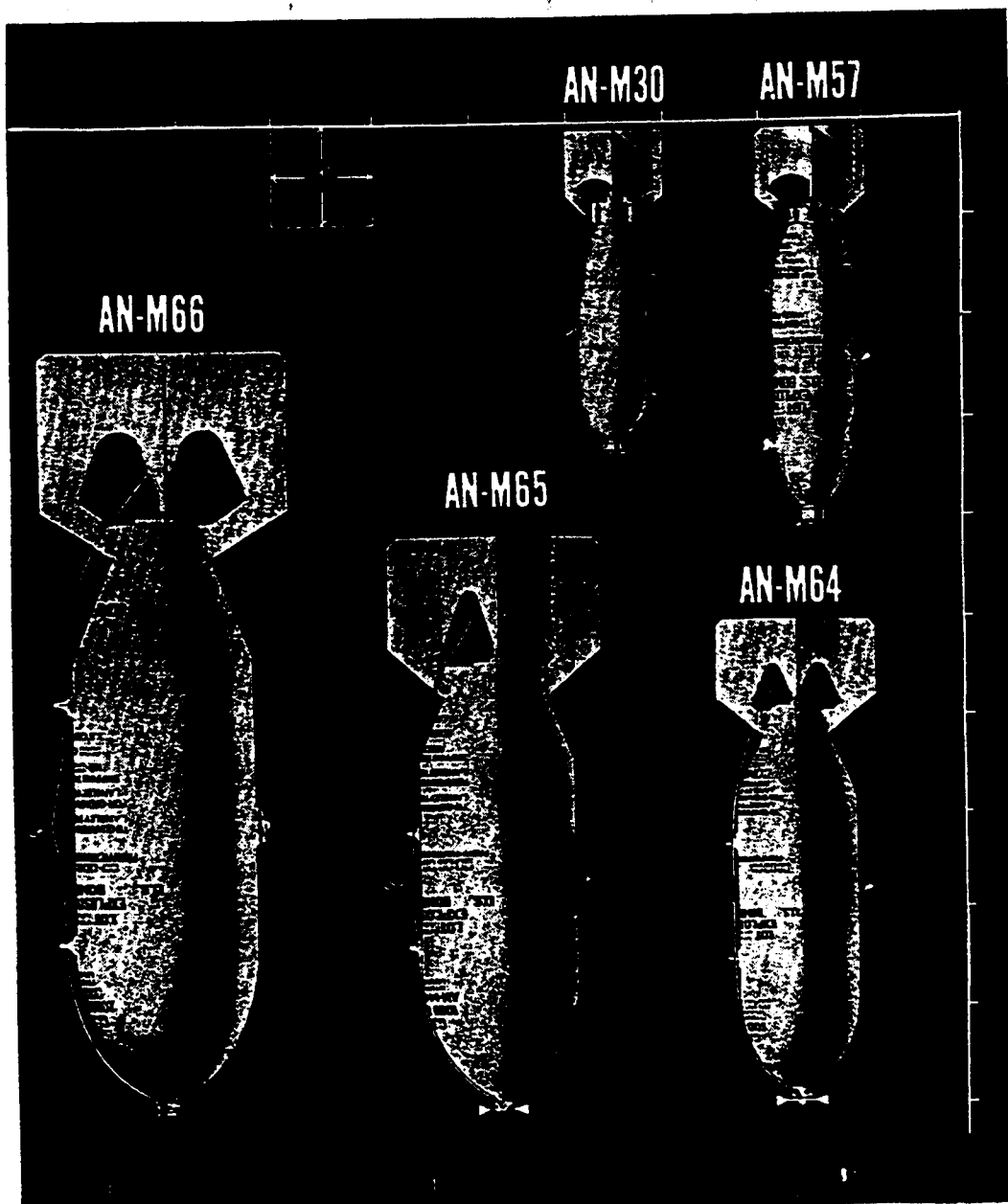


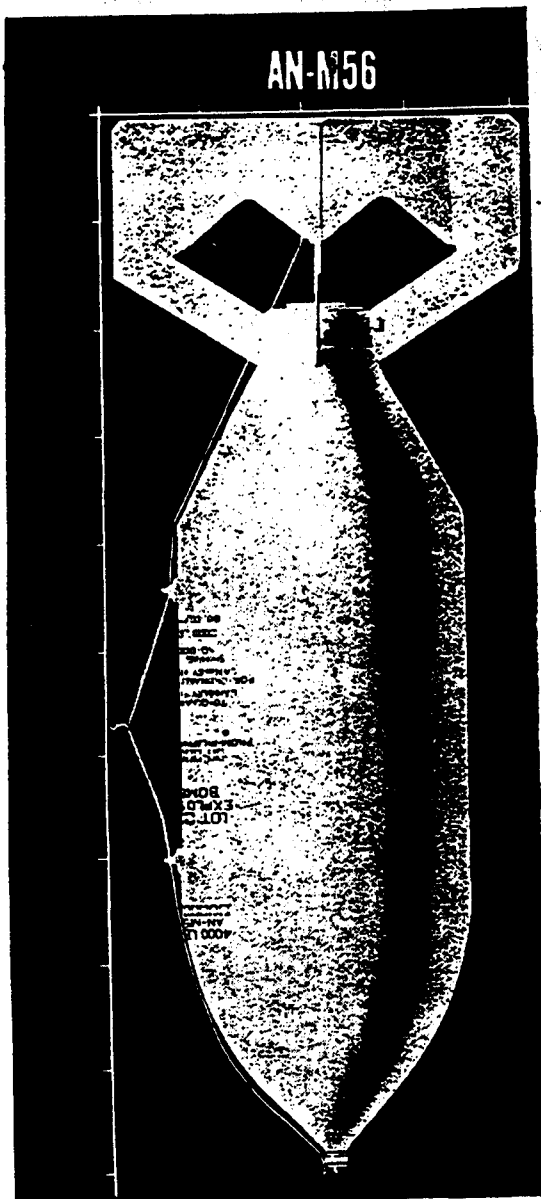
FIGURE 93. - PRACTICE BOMB, 100 POUND, M38A2.

12. RECOGNITION OF BOMBS BY GENERAL APPEARANCE. The characteristics of all models of each type of bomb are similar. These are described in detail in Part Three.

General Purpose Bombs

Figure 21. General purpose (GP), bombs are "cylindrical" bombs with ogive heads, straight-cone-tapered cases. They are readily distinguishable from the somewhat similar appearing semiarmor-piercing bombs by the fact that they are usually fuzed both nose and tail. They are used for blast, fragmentation or mining purposes, gaining their principal effect from high explosive. In explosive content they average 50% by weight. Normally, they have both two suspension lugs for double hook suspension and a single lug at the center of gravity for single hook suspension.





Light Case Bombs

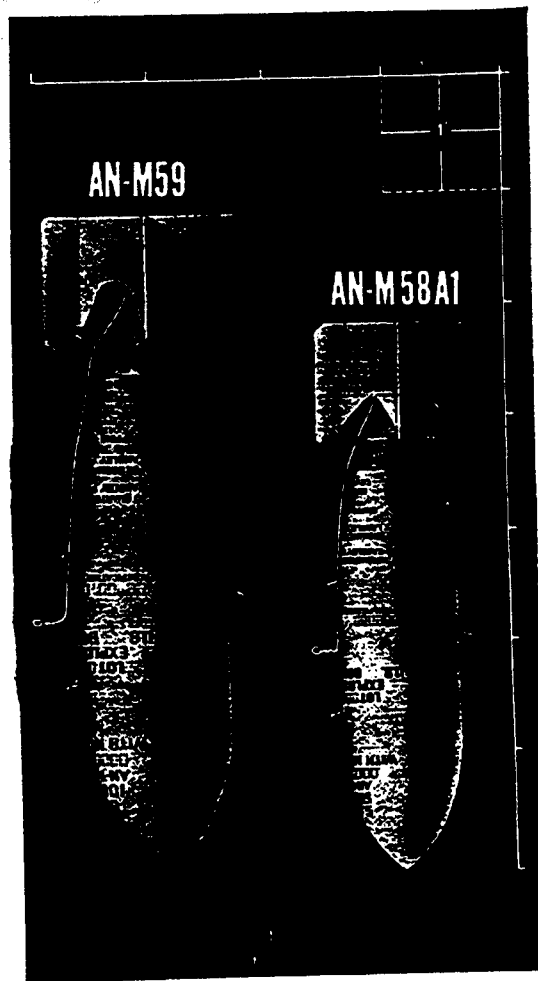
Figure 22. Light case (LC) bombs are similar in size and shape to the larger GP bombs: since they are intended primarily for blast effect, strength of case is sacrificed for maximum explosive charge (70%). Readiest method of distinguishing them from GP bombs is the stenciled marking on the case.

Demolition Bombs

Demolition (Demo) bombs are similar in appearance to GP bombs except that they do not normally have the single suspension lug found at the center of gravity of GP and LC bombs.

Semiarmor-Piercing Bombs

Figure 23. Semiarmor-piercing bombs are more streamlined than the cylindrical bombs. While designed for both nose and tail fuze, the nose is usually filled with a steel plug, only a tail fuze being used. These bombs have heavier cases and carry about 30% explosive.



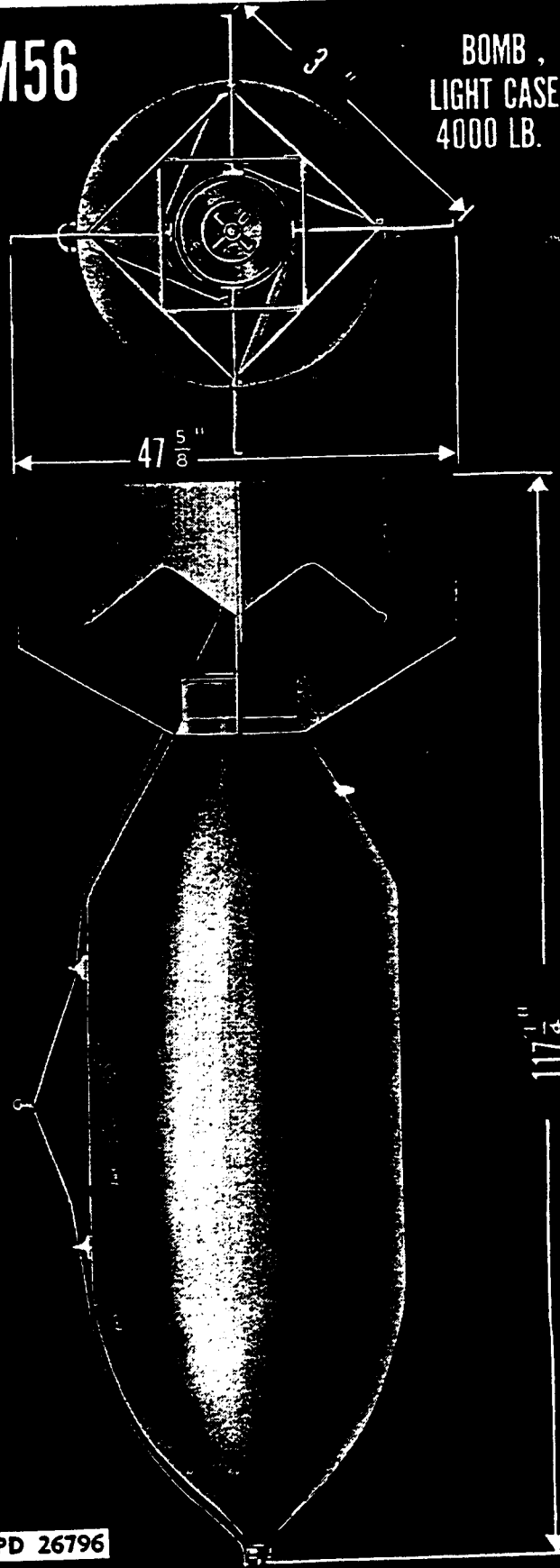
79. **BOMB, LIGHT CASE, 4,000-LB., AN-M56.** a. Data. **BOMB,** light case, 4,000-lb., AN-M56 is a cylindrical bomb which is 117.25 inches long and weighs 4,201 pounds, as released. (See fig. 93.) The bomb body is 94.9 inches in length and 34.25 inches in diameter. It weighs 4,087 pounds of which 3,245 pounds, 77.3 percent of the complete round, is explosive charge.

b. Fuzes authorized for use in this bomb is **FUZE, bomb, AN-M103 (set superquick)** and **FUZE, bomb, AN-M102A2 (tail),** with **Primer Detonator, M14, nondelay.** **FUZE, bomb, M103** may be substituted for the **AN-M103** and **FUZE, bomb, AN-M102A1,** with **Primer Detonator, M14, nondelay,** may be substituted for the **AN-M102A2.**

c. Other models. **BOMB, light case, 4,000-lb., AN-M56A1** differs in that it is modified for attachment of hoisting and single suspension lugs.

AN-M56

BOMB,
LIGHT CASE
4000 LB.



RA PD 26796

Figure 93. BOMB, light case, 4,000-lb., AN-M56.

d. **Typical targets.** Typical targets for this size and type of bomb include: Railroad and highway bridges of comparatively light construction, industrial buildings, power plants and substations, wharves, docks, earth embankments and lightly armored shipping.

77. **BOMB, G.P., 1,000-LB., AN-M65.** a. **Data.** BOMB, G.P., 1,000-lb., AN-M65, is a cylindrical bomb which is 69.5 inches long and weighs 999 pounds, as released. (See fig. 91.) The bomb body is 53.3 inches in length and 18.8 inches in diameter. It weighs 970 pounds, of which 530 pounds, 53 percent of the complete round, is explosive charge.

b. **Fuzes authorized.** See table IV, section XX.

c. **Other models.** Other models of this size and type of bomb, and the details in which they differ from the AN-M65A1, are listed below.

(1) BOMB, G.P., 1,000-lb., M65A1 differs in that the adapter booster and base plug may be locked in place.

(2) BOMB, G.P., 1,000-lb., M65, differs in not having the single suspension lug. It may be used whenever single lug suspension is not required.

(3) BOMB, G.P., 1,000-lb., AN-M44, differs in not being adapted for the hydrostatic fuze.

(4) BOMB, G.P., 1,000-lb., M44, differs in not having the single suspension lug and in not being adapted for the hydrostatic fuze.

(5) BOMB, demolition, 1,000-lb., M44, differs in not having the single suspension lug, in not being adapted for the hydrostatic fuze, and in having a base cap instead of a base plug.

78. **BOMB, G.P., 2,000-LB., AN-M66.** a. **Data.** BOMB, G.P., 2,000-lb., AN-M66, is a cylindrical bomb which is 92.83 inches long and weighs 2,053 pounds, as released. (See fig. 92.) The bomb body is 71 inches in length and 23.29 inches in diameter. It weighs 2,008 pounds of which 1,061 pounds, 53 percent of the complete round, is explosive charge.

b. **Fuzes authorized.** See table IV, section XX.

c. **Other models.** Other models of this size and type of bomb and the details in which they differ from the AN-M66 are listed below:

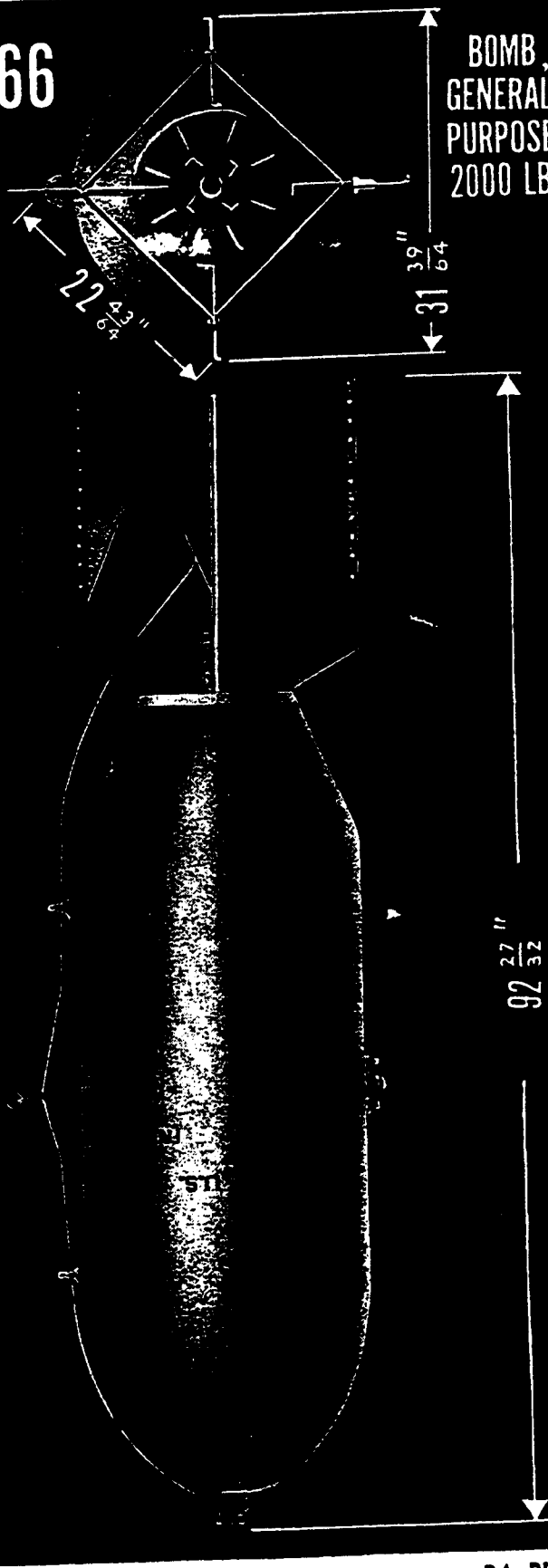
(1) BOMB, G.P., 2,000-lb., AN-M66A1 differs in that the adapter booster and base plug may be locked in place.

(2) BOMB, G.P., 2,000-lb., AN-M34 differs in not being adapted for the hydrostatic tail fuze.

(3) BOMB, demolition, 2,000-lb., M34 differs in not having the single suspension lug, in not being adapted for the hydrostatic tail fuze, and in having a base cap instead of a closing plug.

AN-M66

BOMB,
GENERAL
PURPOSE
2000 LB.



RA PD 26795

Figure 92. BOMB, G.P., 2,000-lb., AN-M66.

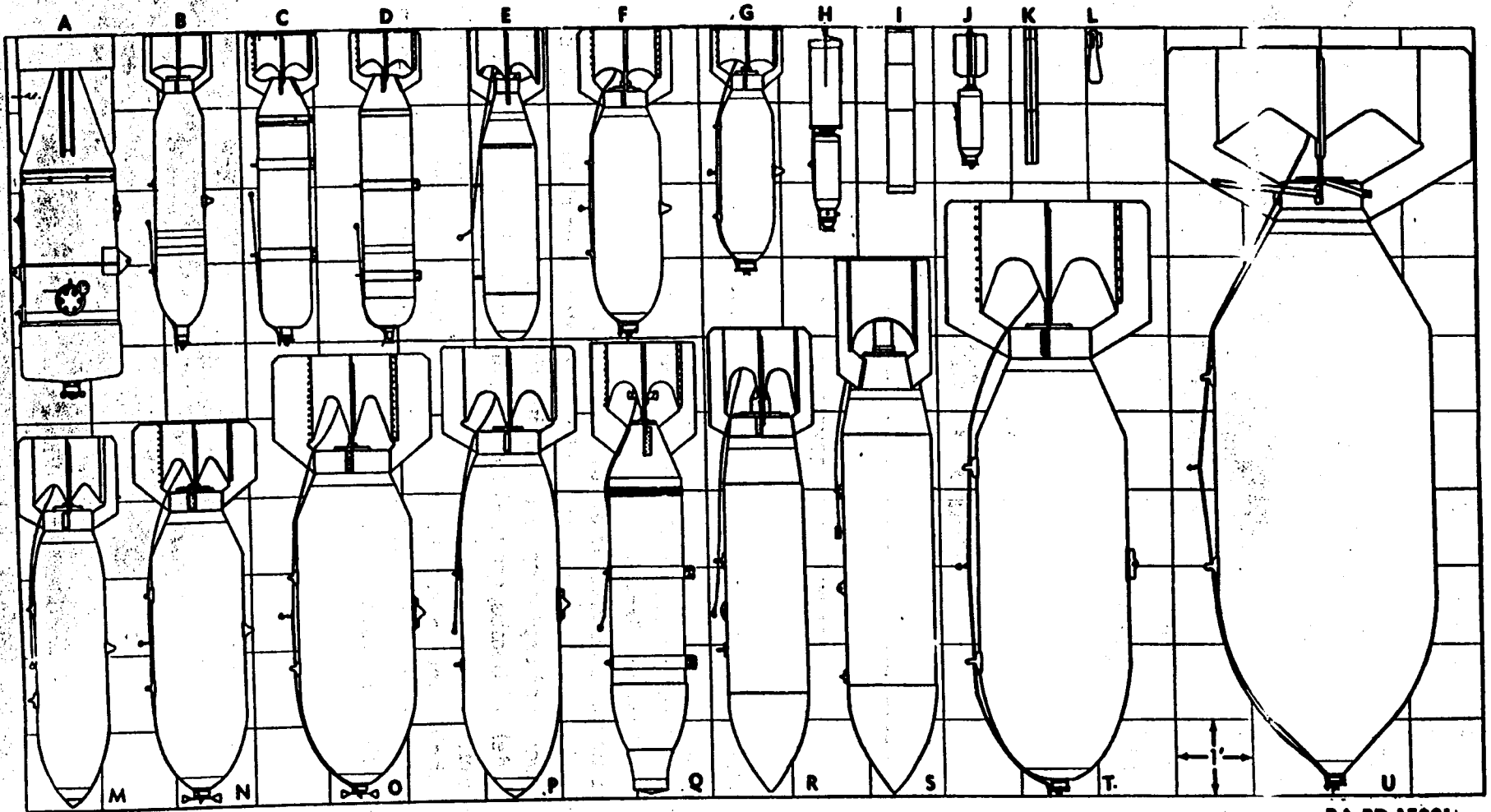


Figure 31. Aircraft bombs, all types.

A.BOMB, depth, 325-lb., AN-Mk. 17, w/flat nose	L.....BOMB, practice, miniature, 3-lb., AN-Mk. 23
B.BOMB, gas, persistent, H, 115-lb., M70	M.....BOMB, S.A.P., 500-lb., AN-M-58A1
C.BOMB, photoflash, M46	N.....BOMB, G. P. 500-lb., AN-M64
D.BOMB, chemical, 100-lb., M47-A2	O.....BOMB, G.P. 1000-lb., AN-M65
E.BOMB, practice, 100-lb. M38A2	P.....BOMB, S.A.P., 1000-lb., AN-M59
F.BOMB, G. P., 250-lb., AN-M57	Q.....BOMB, A. P., 1000-lb., M52A1
G.BOMB, G. P., 100-lb., AN-M30	R.....BOMB, A.P., 1000-lb., AN-Mk. 33
H.BOMB, fragmentation, 23-lb., AN-M72	S.....BOMB, A.P., 1600-lb., AN-Mk. 1
I.BOMB, photoflash, M23A1	T.....BOMB., G. P., 2000-lb., AN-M66
J.BOMB, fragmentation, 20-lb., M41 (for cluster)	U.BOMB, light case, 4000-lb., AN-M56
K.BOMB, incendiary, 4-lb., AN-M50A2 (C.W.S. item)	

14. **CLASSIFICATION.** In common with other types of ammunition, bombs are classified according to filler as explosive, chemical and inert. Explosive bombs are classified according to use as armor-piercing (A.P.), semiarmor-piercing (S.A.P.), general purpose (G.P.), depth, fragmentation, and practice. Chemical bombs are classified according to type of filler as gas, smoke, and incendiary. Inert bombs are used for practice and drill. Each of these types is described in detail in the following sections.

15. **IDENTIFICATION.** **a. General.** Bombs are completely identified by the standard nomenclature and the ammunition lot number which are stenciled on all packings and, where the size of the item permits, on the item itself.

b. Standard nomenclature. Standard nomenclature is established in order that each item stored and issued by the Ordnance Department may be specifically identified by name. It consists of the name, type, and weight of the item and the model designation. The standard nomenclature lists for bombs and components are SNL's, S-1, S-2, and S-3. The use of standard nomenclature is mandatory for all purposes of record, except as described in e below.

c. Model. In order to distinguish between different designs of the same type, a model number is assigned at the time a design is adopted as standard. The model designation consists of the letter M followed by an arabic numeral. Modifications of the original design are indicated by the addition of the letter A and the appropriate arabic numeral to the model designation. For example, M38A2 designates the second modification of the item originally adopted as M38. Cer-

D-2

34

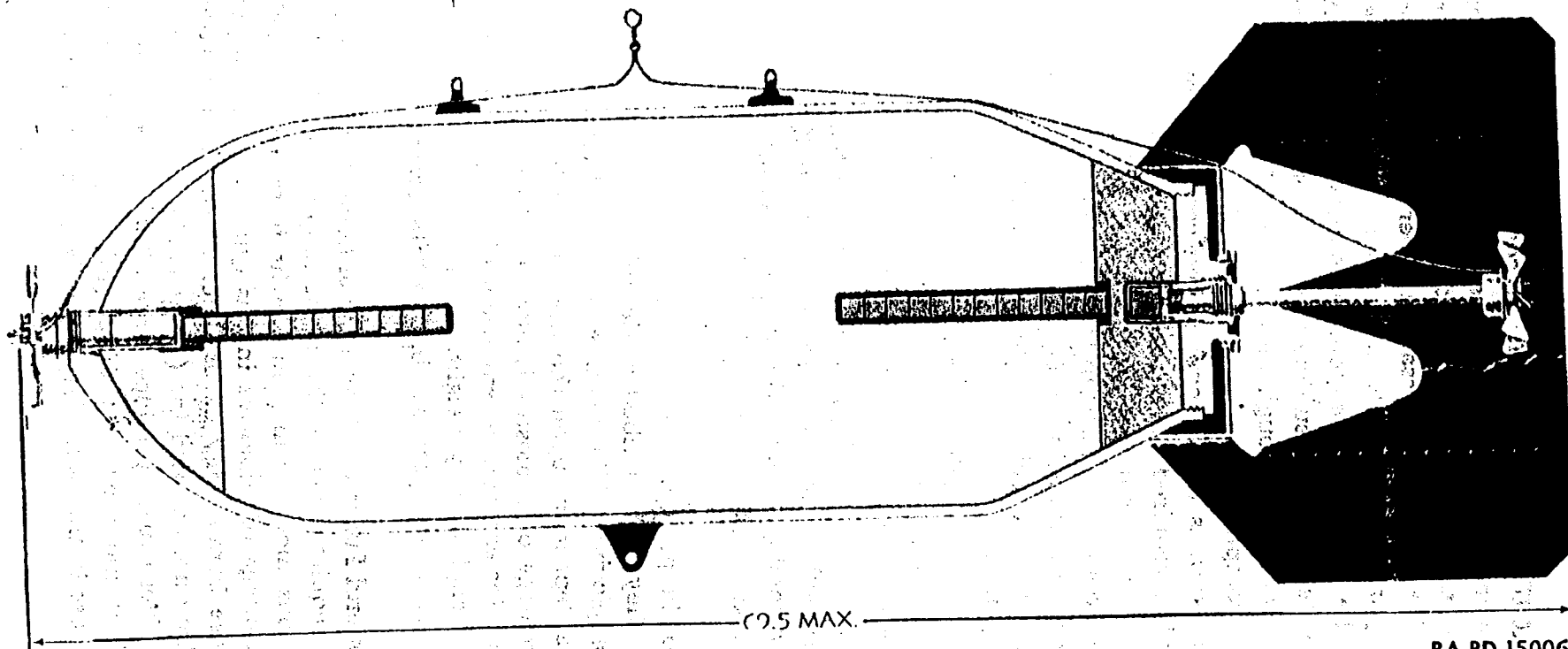


Figure 36. ① G.P. bomb.

RA PD 15006

D-2

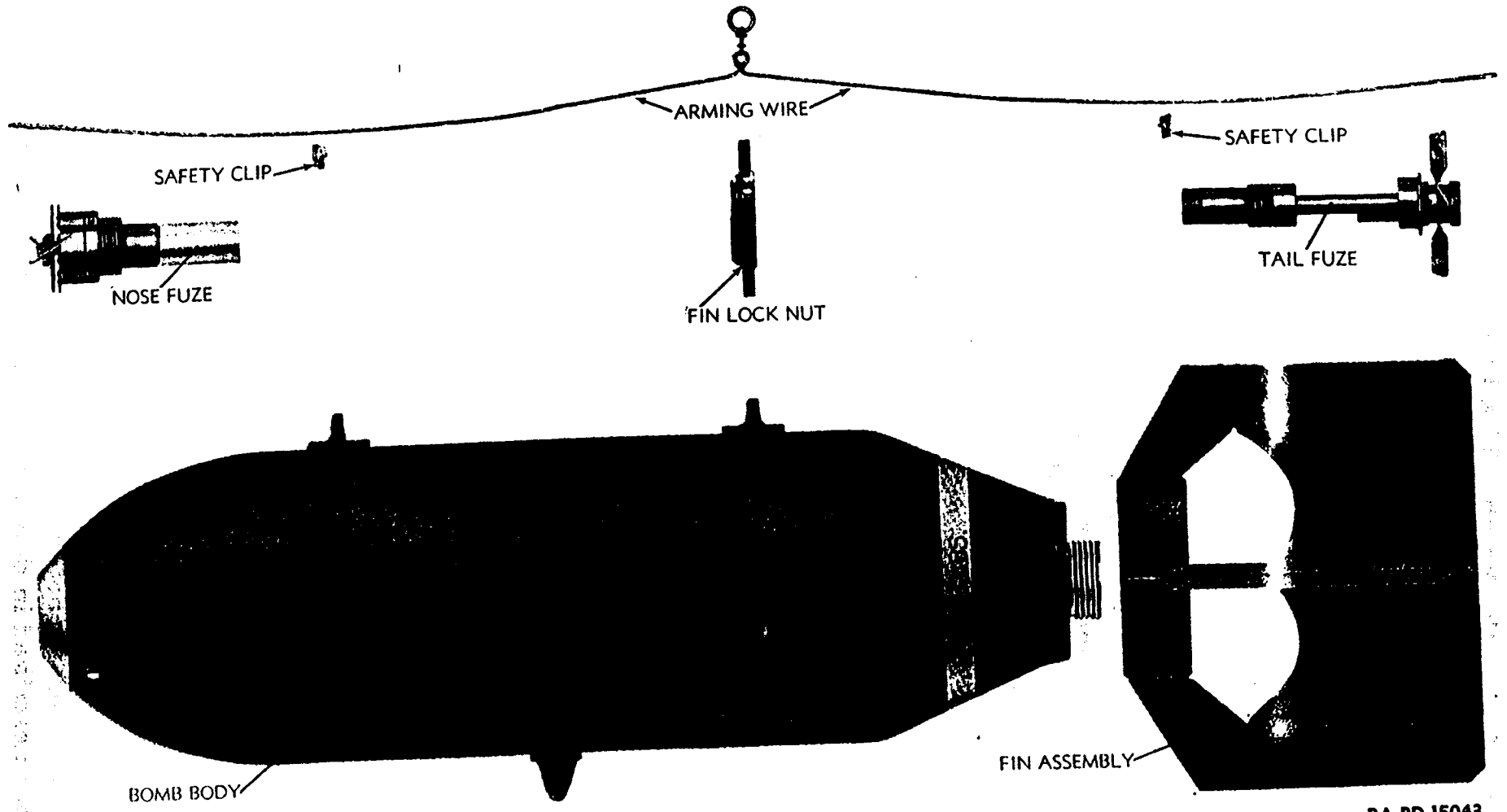
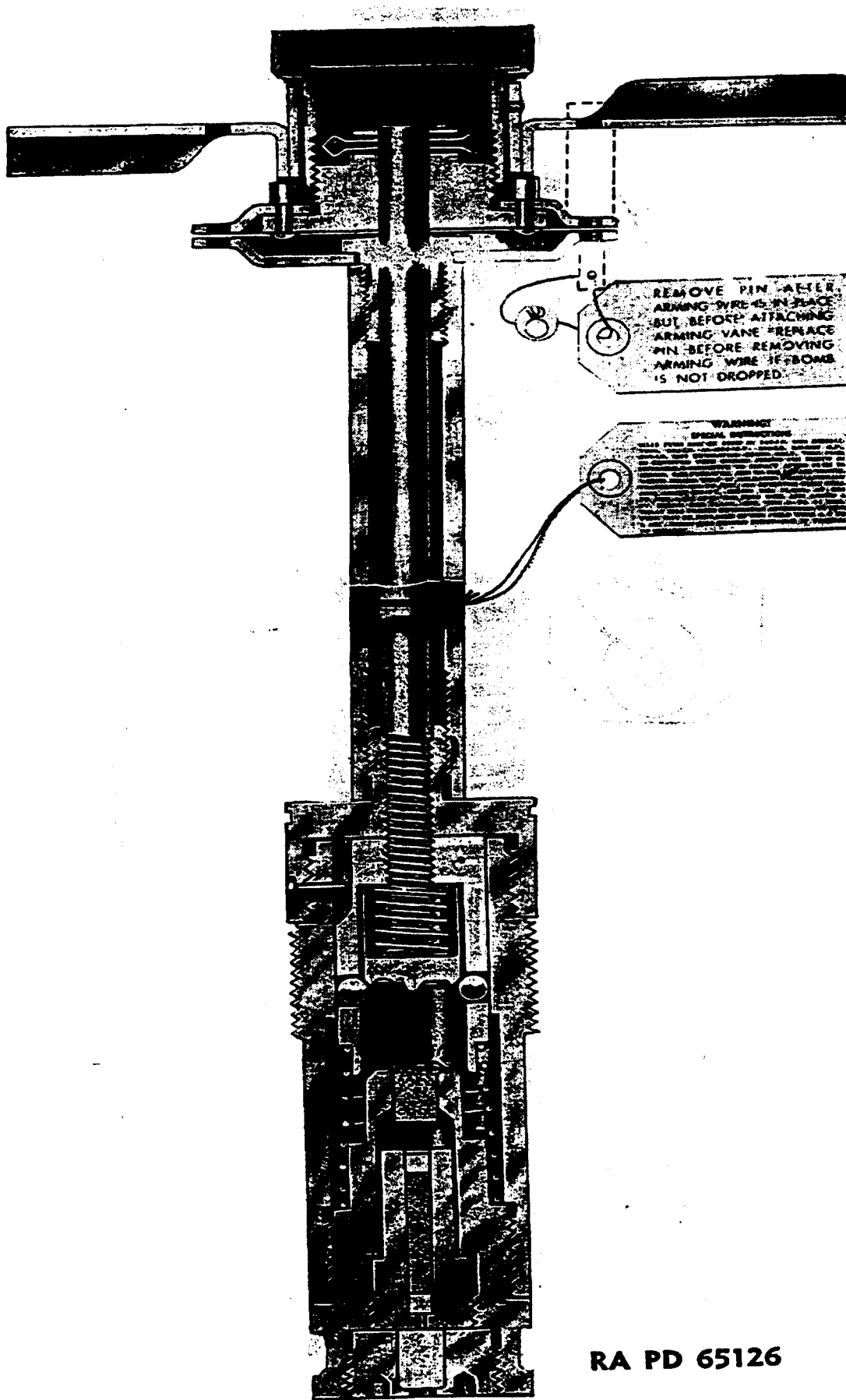


Figure 38. Complete round components.

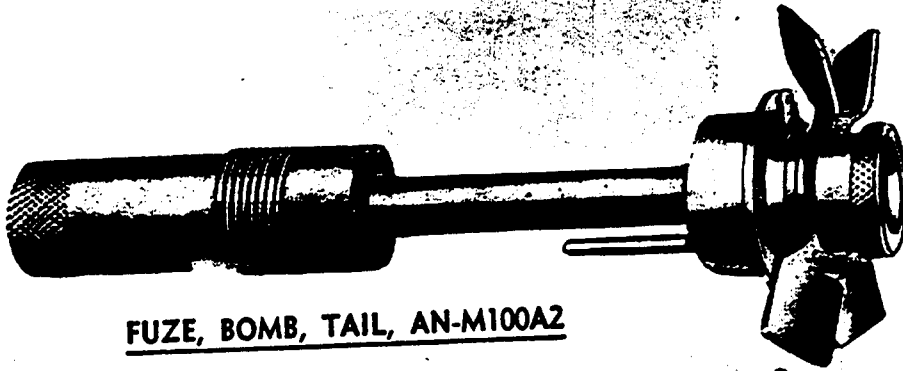
RA PD 15043

41



RA PD 65126

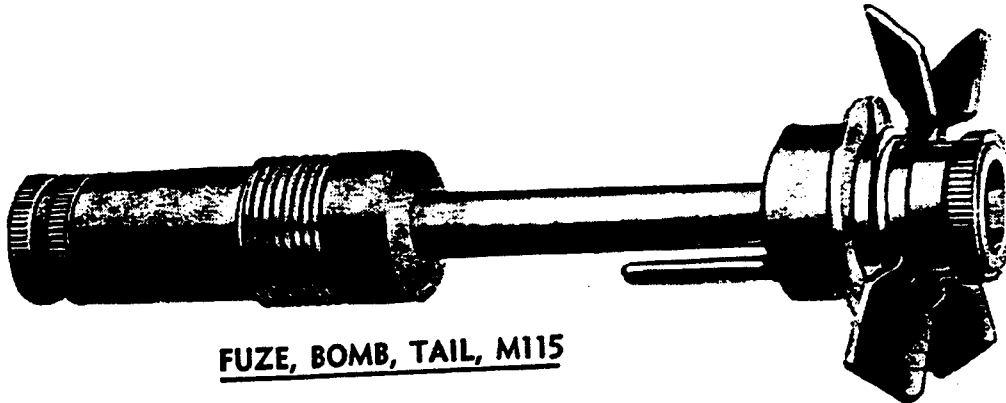
Figure 43. Tail fuze, vane type.



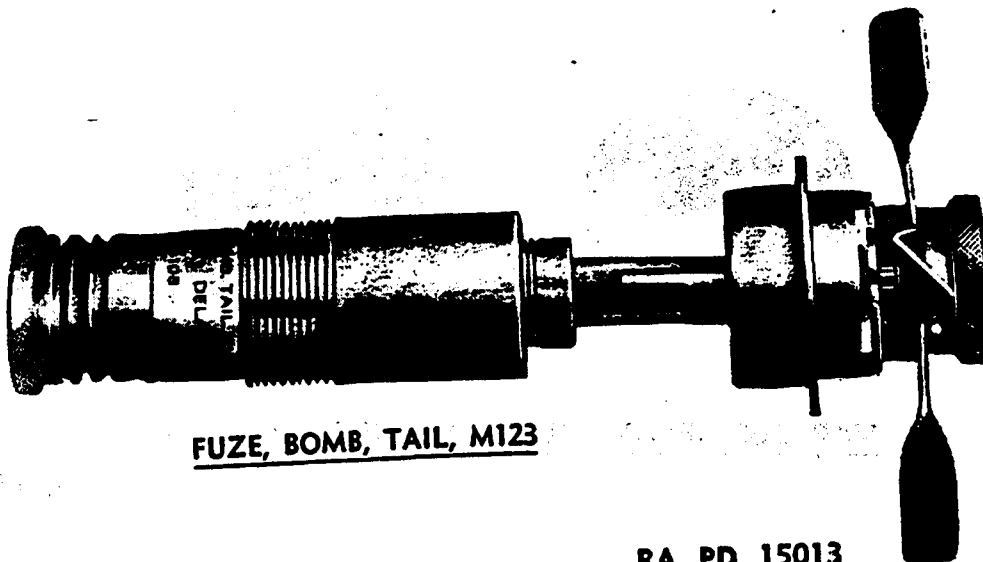
FUZE, BOMB, TAIL, AN-M100A2



FUZE, BOMB, TAIL, M112A1



FUZE, BOMB, TAIL, M115

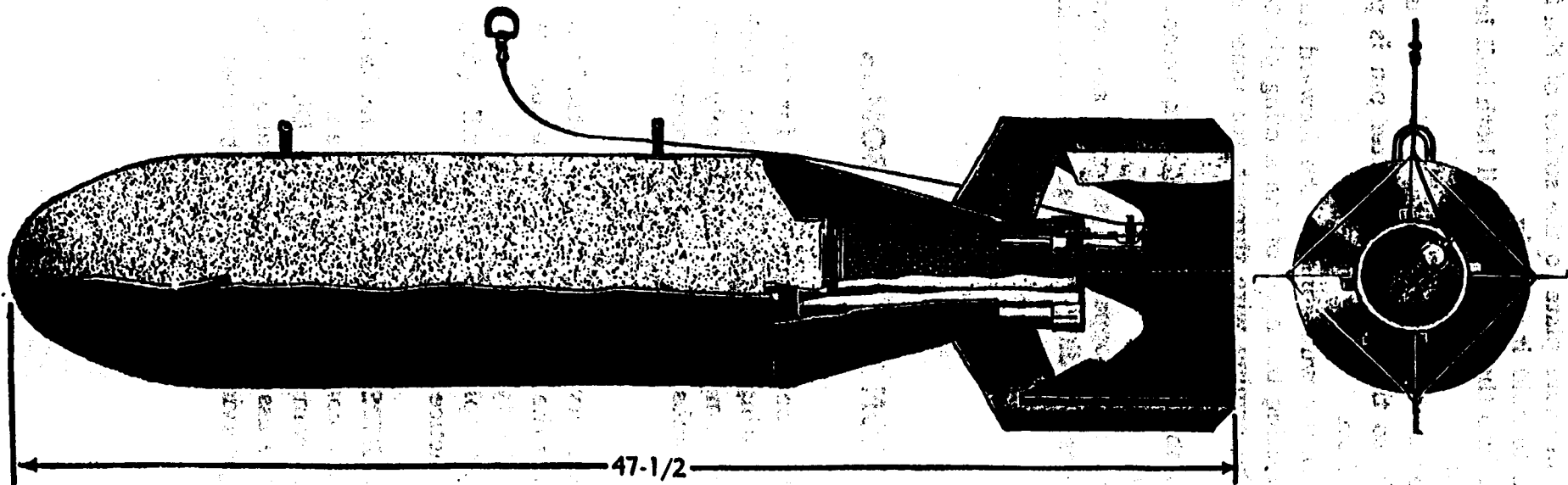


FUZE, BOMB, TAIL, M123

RA PD 15013

Figure 45. Tail fuzes.

D-2



RA PD 26798

Figure 117. BOMB, practice, 100-lb., M38A2.

Table IV. Complete Round Data. (Continued)

Bomb and fin	Fuze combinations			Other components	Arming wire Pc. Mk.
	Nose fuze	Tail fuze	Primer-detonator		
BOMB, G.P., 100-lb., AN-M30 BOMB, G.P., 100-lb., AN-M30A1 BOMB, G.P., 250-lb., AN-M57 BOMB, G.P., 250-lb., AN-M57A1 BOMB, demolition, 100-lb., M30 BOMB, demolition, 300-lb., M31	AN-M103 M103 AN-M110A1, w/adapter- booster, M117.	AN-M100A2 AN-M100A1	M14, 0.025-sec. delay M14, 0.1-sec. delay M14, 0.01-sec. delay M14, nondelay	EXTENSION, fuze, M1, all lengths.	82-3-234FB 82-3-234XA (100-lb. only) 82-3-234WA 82-3-234EB
	M127, w/ adapter- booster, M117.	M112A1	M16A1, 4-5 sec. delay		
		M112	M16, 4-5 sec. delay		
		Any combination above or none.			
	None	M123, all de- lays	None	None	
		M132	None		
		M115	M16A1, 4-5 sec. delay M16A1, 8-15 sec. delay		

BOMB, G.P., 500-lb., AN-M64A1 BOMB, G.P., 500-lb., AN-M64A1, COMP. B. BOMB, G.P., 500-lb., AN-M64 BOMB, G.P., 500-lb., AN-M64, COMP. B. BOMB, G.P., 500-lb., AN-M64, COMP. B-2. BOMB, G.P., 500-lb., M64 BOMB, G.P., 500-lb., AN-M43 BOMB, G.P., 500-lb., M43 BOMB, demolition, 500-lb., M43 BOMB, demolition, 600-lb., M33 BOMB, semiarmor-piercing, * 500- lb., AN-M58. BOMB, semiarmor-piercing, * 500- lb., AN-M58A1. BOMB, semiarmor-piercing, * 500- lb., AN-M58A2.	AN-M103 M103 AN-M110A1, w/adapter- booster, M117.	AN-M101A2 AN-M101A1	M14, 0.025-sec. delay M14, 0.1-sec. delay M14, 0.01-sec. delay M14, nondelay	EXTENSION, fuze, M1, all lengths.
	M127, w/ adapter- booster, M117.	M113A1	M16A1, 4-5 sec. delay	
		M113	M16, 4-5 sec. delay	
		Any combination above or none.		
None	M116	M16A1, 4-5 sec. delay M16A1, 8-15 sec. delay		
	M124, all de- lays.	None		
	M133	None		
	AN-Mk. 230 (M64 mods. only)	None		
				BAND, trunnion, M1A1 (for dive bombing only, G.P. and demo. bombs). BAND, trunnion, M4 (for dive bombing only, semi- armor-piercing bombs).

82-3-234HB
82-3-234YA

* Nose fuze usually omitted with semiarmor-piercing bombs.

Continued on following page.

Table IV. Complete Round Data. (Continued)

Bomb and fin	Fuze combinations			Other components	Arming wire Pc. Mk.
	Nose fuze	Tail fuze	Primer-detonator		
BOMB, G.P., 1,000-lb., AN-M65A1 BOMB, G.P., 1,000-lb., AN-M65A1, COMP. B.	AN-M103 M103 AN-M110A1, w/adapter- booster, M117.	AN-M102A2 AN-M102A1	M14, 0.025-sec. delay M14, 0.1-sec. delay M14, 0.01-sec. delay M14, nondelay	EXTENSION, fuze, M1, all lengths	
		M114A1	M16A1, 4-5 sec. delay		
BOMB, G.P., 1,000-lb., AN-M65 BOMB, G.P., 1,000-lb., AN-M65, COMP. B.		M114	M16, 4-5 sec. delay		
BOMB, G.P., 1,000-lb., AN-M65, COMP. B-2.	M127, w/ adapter- booster, M117	Any combination above or none.			
BOMB, G.P., 1,000-lb., M65 BOMB, G.P., 1,000-lb., AN-M44 BOMB, G.P., 1,000-lb., M44		M116	M16A1, 4-5 sec. delay M16A1, 8-15 sec. delay	BAND, trunnion, for dive bombing only (M2A1 for 1,000-lb. G.P. and demo. bombs, M5 for 1,000-lb. semiarmor-piercing bombs, AN-M7 for 2,000-lb. bombs).	82-3-234ZA (1,000-lb. bombs). 82-3-234VA (semi- armor- piercing bombs, w/1 fuse).
BOMB, demolition, 1,000-lb., M44 BOMB, demolition, 1,100-lb., M33 BOMB, demolition, 2,000-lb., M34		M125, all de- lays	None		
BOMB, semiarmor-piercing, * 1,000- lb., AN-M59 BOMB, semiarmor-piercing, * 1,000- lb., AN-M59A1		M134	None		
BOMB, G.P., 2,000-lb., AN-M66A1	None				

* Nose fuze usually omitted with semiarmor-piercing bombs.

BOMB, G.P., 2,000-lb., AN-M66
 BOMB, G.P., 2,000-lb., AN-M34

AN-Mk. 230
 (M65 &
 mods. or
 M66 & mods.
 only).

None

BOMB, light case, 4,000-lb.,
 AN-M56
 BOMB, light case, 4,000-lb.,
 AN-M56A1

AN-M103
 M103
 AN-M110A1,
 w/adapter-
 booster,
 M117.
 M127, w/
 adapter-
 booster,
 M117.

AN-M102A2
 AN-M102A1

M14, nondelay

BAND, trunnion, AN-M8,
 for dive bombing.

82-3-234UA

DEPTH CHARGE, aircraft 250-lb.
 Mk. VIII (British)

(Pistol)
 Mk. X**
 Mk. XIII A

DETONATOR
 percussion,
 W.T.,D.C.,Mk.VII.

PRIMER, depth charge, Mk.
 VIII (British).

82-3-277C

BOMB, depth, 325-lb., AN-Mk. 17
 BOMB, depth, 350-lb., AN-Mk. 44

AN-Mk. 219

Transverse
 AN-Mk. 234
 AN-Mk. 224

None

ATTACHMENT, flat nose,
 BAND, trunnion, drg. 387706 Navy.

Navy drg.
 150931

BOMB, depth, 325-lb., AN-Mk. 41
 BOMB, depth, 350-lb., AN-Mk. 47

AN-M103, w/
 special
 vane.
 AN-Mk. 219,
 w/fuze
 adapter
 and extra
 auxiliary
 booster.

Transverse
 AN-Mk. 234
 AN-Mk. 224

None

BAND, trunnion, drg.
 387706.

Navy drg.
 150931

D-2

2-52. Bomb, Practice: 100-Pound, MK15 Mods 2, 3 and 4

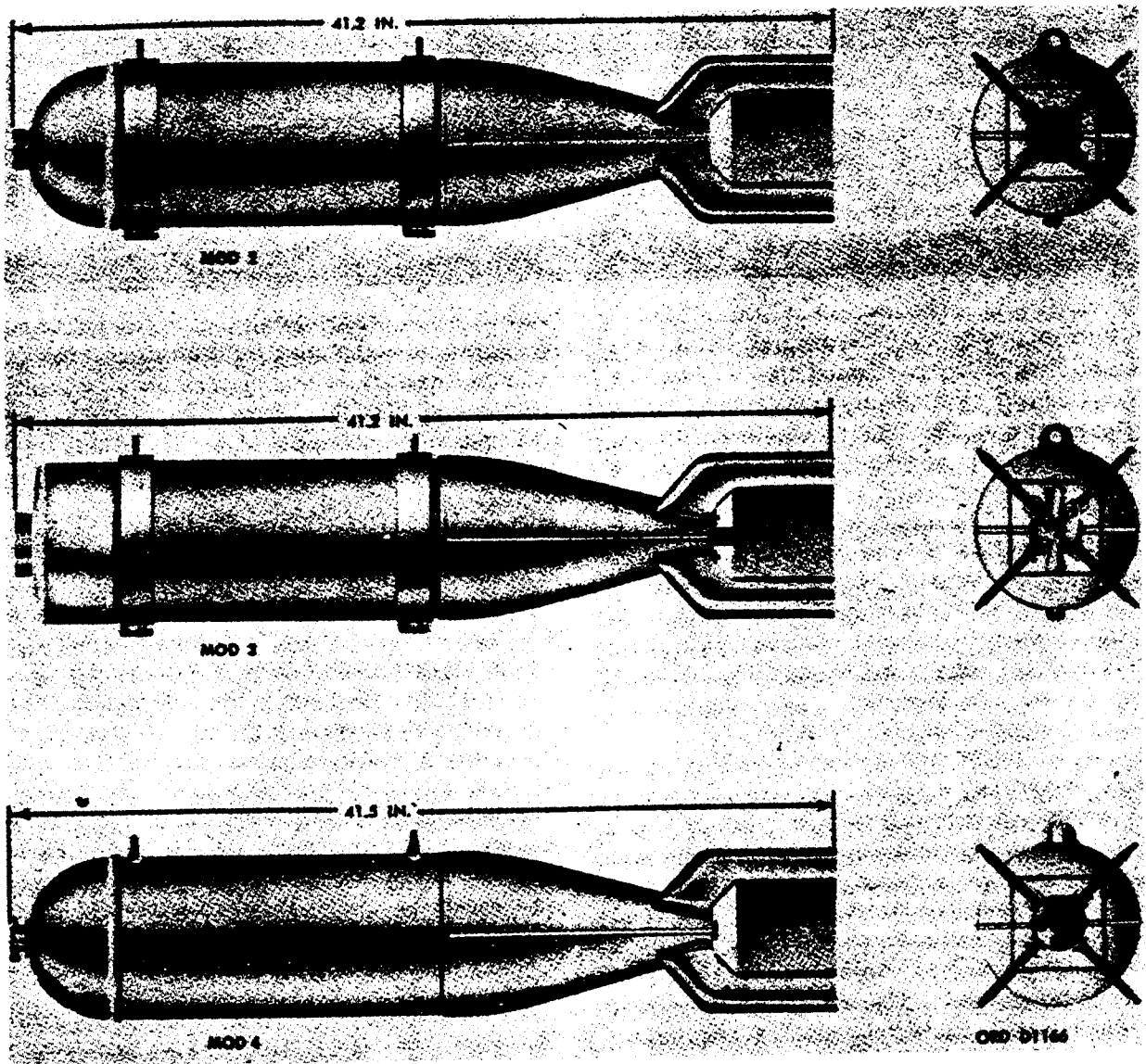


Figure 2-62. Bomb, practice: 100-pound, MK15 Mods 2, 3, and 4.

Table 2-50. Bomb, Practice: 100 Pound, MK15 Mods 2, 3, and 4

Mark	15	15	15
Mod	2	3	4
Length of Assembled Bomb (in.)	41.2	41.2	41.5
Diameter of Body (in.)	8.0	8.0	8.0
Fin Span (in.)	11.24	11.24	11.24
Weight of Assembled Bomb (lb):			
Loaded with Wet Sand	100.0	100.0	97.0
Loaded with Water	56.0	67.0	60.0

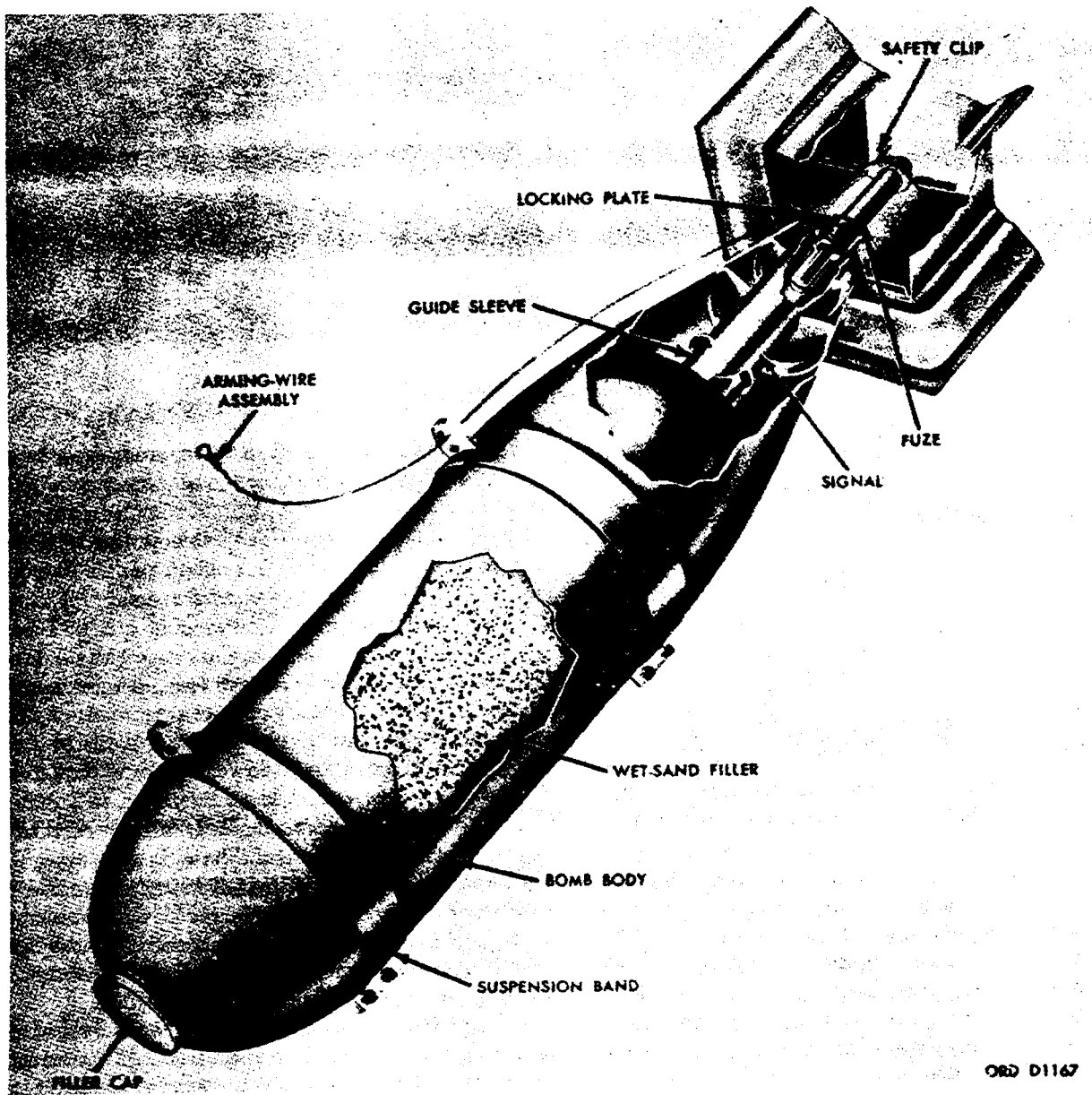


Figure 2-63. Bomb, practice: 100-pound, MK15, Mods 2, 3 and 4, cutaway.

5-30. Signal, Practice Bomb: Mk4 Mods 3 and 4

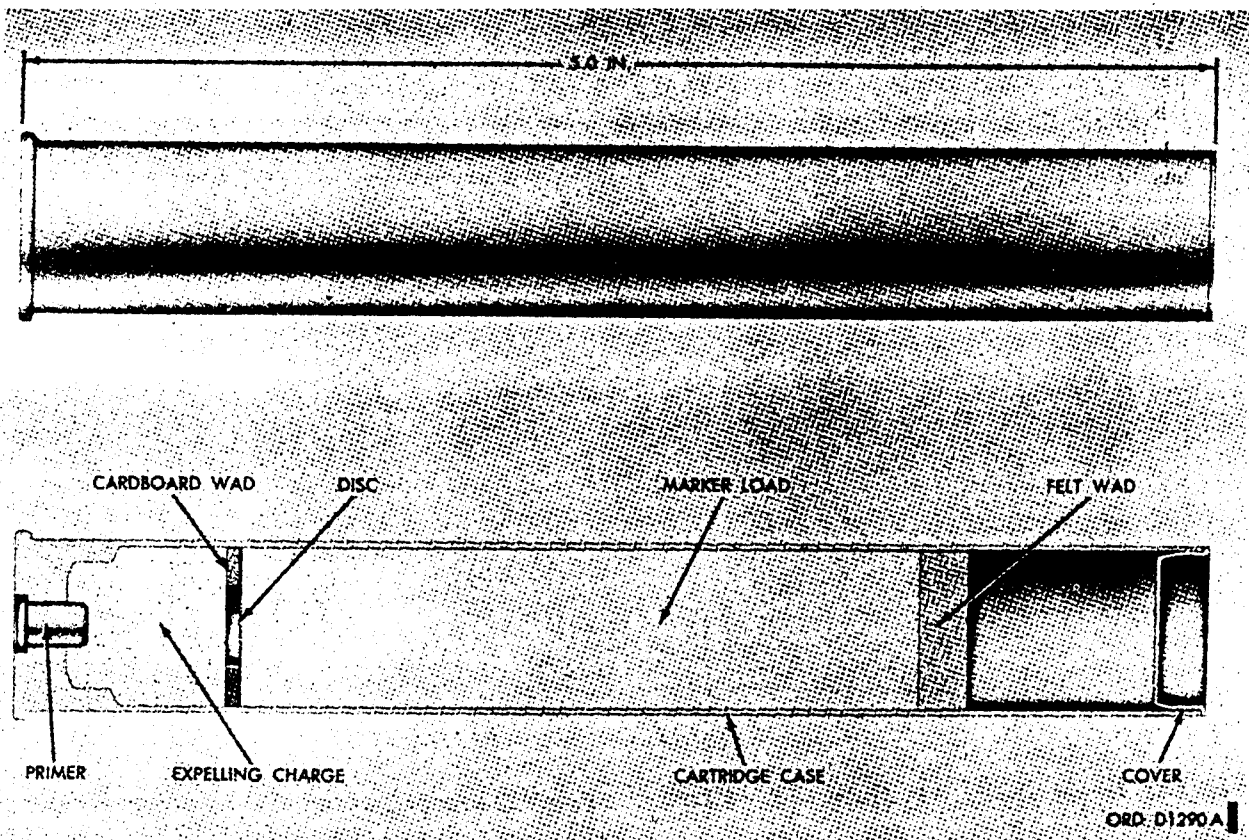


Figure 5-23. Signal, practice bomb: Mk4 Mods 3 and 4.

Table 5-24. Signal, Practice Bomb: Mk4 Mods 3 and 4

Mark	4	4
Mod	3	4
Length of Assembly (in.) . . .	5.0	5.0
Diameter of Body (in.) . . .	0.85	0.85
Weight of Assembly (lb) . . .	0.16	0.16
Case Material	Aluminum	Aluminum
Expelling Charge	Smokeless Powder.	Smokeless Powder.
Marker Load	Stabilized Red Phosphorous.	Zinc Oxide

a. *Description.* Practice bomb signals Mk4 Mods 3 and 4 (fig. 5-23 and table 5-24) are essentially 10-gauge shotgun shells. They contain an expelling charge of smokeless powder and are primed with a commercial primer. A pyrotechnic or inert marker load is separated from the expelling charge by a disc and cardboard gun wad. The end of the shell is closed by felt gun wads which are cemented to the cover.

b. *Use.* The signals are used in either the min-

ature or the larger practice bombs. However, installed in the miniature practice bombs, the signals do not consistently produce a visible signal when dropped from an altitude of 10,000 feet or higher. Released from that height, the bomb enters the water or earth so quickly that the signal frequently does not have time to function.

c. *Functioning.* When the practice bomb in which the signal is installed strikes water or the earth, impact causes the firing pin in the nose of the bomb to impinge upon the primer of the signal. The primer ignites the expelling charge, forcing the marker load out through an opening in the bomb. The resulting flash and puff of white smoke permit observation of bombing accuracy.

d. *Differences Between Mods.* Signal Mk4 Mod 0 was the first of this type developed. Mods 1 and 2 were procured later for issue to activities limited by environment to performing practice bombing in the vicinity of flammable areas. These signals

contain inert materials which produce very little flash and are markedly inferior to the Mod 0. Signal MK4 Mod 3 is similar to the MK4 Mod 0 but differs in that the cartridge case of the MK4 Mod 3 is extruded aluminum instead of paper; a primer mixture with improved storage characteristics has been used, and a new pyrotechnic load

(which produces about the same flash, but with a superior smoke puff) has been incorporated. The MK4 Mod 4 signal is similar to the MK4 Mod 3 with the exception of an inert marker load of zirconium oxide. In both Mods, the cover and cartridge case are cemented together; in Mod 3 the assembly also is staked in four equally-spaced places.

Ordnance and Explosive Project
Archives Search Report
for
FORMER VICTORVILLE PRECISION
BOMBING RANGE (PBR) Y
VICTORVILLE, CALIFORNIA
PROJECT NUMBER J09CA069501

APPENDIX E

REPORTS/STUDIES

APPENDIX E

Reports and Studies

Table of Contents

E-1. Inventory Project Report: Includes the Site Survey Summary Sheet for DERP-FUDS Site No. J09CA069500, the Findings and Determination of Eligibility, dated 25 April 1995. (B-4).

E-2. Historical Resources Record, dated 1996 (B-26).

E-3. Report on Dedudding, dated 1947 (B-34).



REPLY TO
ATTENTION OF:

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

26 APR 1994

CESPD-ED-G (200-1c)

MEMORANDUM FOR

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

Commander, U.S. Army Engineer Division, Huntsville,
P.O. Box 1600, Huntsville, Alabama 35807-4301

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

SUBJECT: Defense Environmental Restoration Program for Formerly
Used Defense Sites (DERP-FUDS), Inventory Project Report (INPR)
for Victorville Precision Bombing Range Y, Site No. J09CA069500

1. I am forwarding the INPR for Victorville Precision Bombing Range Y for appropriate action. The site is eligible for DERP-FUDS. The proposed OEW project is also eligible.
2. I recommend that CEHND determine the need for further investigation and remedial action at this site.

Encl

Milton Hunter
MILTON HUNTER
Brigadier General, U.S. Army
Commanding

DEFENSE ENVIRONMENTAL RESTORATION PROGRAM
FORMERLY USED DEFENSE SITES PROGRAM
FINDINGS AND DETERMINATION OF ELIGIBILITY
VICTORVILLE PRECISION BOMBING RANGE Y
BARSTOW, CALIFORNIA
PROJECT NO. J09CA069500

FINDINGS OF FACT

1. Following a land acquisition directive dated september 2, 1942, the Department of Interior (DOI) transferred a total of 2,240 acres of Pubic 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) Y was used by the U.S. Army Air Force as a practice bombing range. This site was used in conjunction with the Victorville Army Air Field (now George Air Force Base). Site improvements consisted of the light oil on grade outlines, frame butts and appurtenances, fences, and gates. There were no government buildings or auxiliary facilities on-site.

3. On June 22, 1945, DOD declared the Victorville PBR Y site, totaling 2,240 acres, as surplus to the War Assets Administration (WAA). The WAA authorized the retransfer of the property to DOI on June 22, 1945, and custody was relinquished by letter on November 1, 1948. DOI would not officially assume custody of the site since it never formally recognized the transfer to DOD in 1942. The site was cleared of explosive ordnance, and all detachable improvements were removed. The oiled target outlines were allowed to deteriorate by weathering. DOD made no provisions for restoration. Currently, the property is maintained by the DOI Bureau of Land Management.

DETERMINATION

Based on the foregoing findings of fact, Victorville Precision Bombing Range Y 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.

25 Apr 75
Date

for DEPH COL
MILTON HUNTER
Brigadier General, U.S. Army
Commanding

SITE SURVEY SUMMARY SHEET
DERP-FUDS SITE NO. J09CA069500
VICTORVILLE PRECISION BOMBING RANGE Y
VICTORVILLE, CALIFORNIA

SITE NAME: Victorville Precision Bombing Range Y.

LOCATION: Barstow, California.

SITE HISTORY: The Department of Defense (DOD) transferred a total of 2,240 acres of Public Domain to the Department of Defense (DOD) in 1942 described as "implied transfer". Custody of the land was relinquished to DOI in 1948. The site remains as Public Domain and is vacant of structures or inhabitants. Current evidence of DOD activities consists of 10 to 20 foot wide craters scattered throughout Means Lake (a dry lake), indicating that the lake was used as a target for practice bombs. Ordnance remnants may exist below the craters. No other evidence of unsafe debris, hazardous or toxic materials, or unexploded ordnance resulting from DOD use of the site was found. 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 Y site.

CATEGORY OF HAZARD: Potential OEW.

PROJECT DESCRIPTION: Huntsville Division should determine if further study and remedial action are necessary.

AVAILABLE STUDIES AND REPORTS: None.

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



DEPARTMENT OF THE ARMY

U.S. Army Corps of Engineers
WASHINGTON, D.C. 20314-1000

REPLY TO
ATTENTION OF:

CEMP-RF (200-1a)

20 JUL 1994

MEMORANDUM FOR

COMMANDER, SOUTH PACIFIC DIVISION, ATTN: CESPDM-M
COMMANDER, HUNTSVILLE DIVISION, ATTN: CEHND-PM-OT

SUBJECT: DERP-FUDS INPR for Victorville PBR Y, Barstow, CA, Site
Number J09CA069500.

1. References:

- a. Memorandum, CESPDM-ED-G, 4 May 1994, SAB.
- b. Memorandum, CEHND-PM-SO, 30 June 1994, Subject: DERP-FUDS INPRS Requiring an Ordnance and Explosive Waste Engineering Evaluation and Cost Analysis (EE/CA).
- c. DERP-FUDS Program Manual, U.S. Army Corps of Engineers, Directorate of Military Programs, Division of Environmental Restoration, Washington, D.C., 8 December 1993.

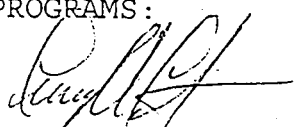
2. This memorandum authorizes OEW Project Number J09CA069501. This project will be executed in accordance with above reference 1.c.

3. The geographic district, CESPL, will provide the project manager for this project in accordance with ER 5-7-1.

4. CEMP-RF POC for this action is Sara G. Angus, (202) 504-5223.

FOR THE DIRECTOR OF MILITARY PROGRAMS:

For


CARY JONES
Chief, Environmental Restoration
Division
Directorate of Military Programs

CF: CESPL-PM
CEHND-PM-ED

PROJECT SUMMARY SHEET
FOR
DERP-FUDS OEW PROJECT NO. J09CA069501
VICTORVILLE PRECISION BOMBING RANGE Y
DERP-FUDS SITE NO. J09CA069500
23 JUNE 1994

PROJECT DESCRIPTION: Site was formerly used by the U.S. Army Air Force as a practice bombing range. The site was cleared of explosive ordnance on the surface. A subsurface investigation has not been conducted. State, county, and local agencies were contacted and have no records of any hazards associated with this site. Currently, the site is used for recreational off-road vehicles and apparently some areas have been used as firing ranges by the public.

PROJECT ELIGIBILITY: The property was used by the U.S. Army Air Force during World War II as a practice bombing range. Any ordnance found could be the result of past DOD activities.

POLICY CONSIDERATIONS: There appears to be no policy consideration that would prohibit the proposal of this project.

PROPOSED PROJECT: Recommend that the Corps' Mandatory Center of Expertise (MCX) for OEW at Huntsville Division make a determination if further action is appropriate. If the MCX decides an Archives Search Report is necessary, it is suggested that one ASR be done for all the Victorville Precision Bombing Ranges.

RAC FROM: Attached

DISTRICT POC: Requests that CEHND inform Mr. Jatin Desai, (213) 894-6266, Los Angeles District, when a determination is made in regard to project status.

CALIFORNIA
ARCHAEOLOGICAL
INVENTORY



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

January 17, 1996

Shirley Daniels, SMCAC-ESL
U.S. Army Technical Center for Explosives Safety
Savanna, IL 61074-9639

(815) 273-8716

HISTORICAL RESOURCES RECORD SEARCH FOR: Victorville PBR #1, 13, Y

In response to your request for information dated January 9, 1996, a record search has been conducted for the above project on the Apple Valley North, Bighorn Canyon, Emerson Lake & Melville Lake 7.5' Quadrangles.

HISTORICAL RESOURCES:

Historical resources are reported to exist within the project area including:

Prehistoric Archaeological Resources:

- 0 prehistoric archaeological sites
- 0 pending prehistoric archaeological sites
- 0 prehistoric isolates

Historic Archaeological Resources (sites older than 50 years in age):

- 2 historic archaeological sites
- 0 pending historical archaeological sites
- 0 historic isolates
- 0 possible historic archaeological site locations determined from historic maps (maps checked: USGS Barstow, 1920 & 1932; USGS San Geronimo, 1899; Mendenhall, 1909; Hall, 1888; Thompson, 1917-20; Perris, 1896)

Historic Resources (structures older than 50 years in age):

- 0 pending historic structure sites
- 0 possible historic structure locations determined from historic maps (see maps above).

Cultural Landscapes

- 0 cultural landscapes

Ethnic Resources

- 0 ethnic resources

Heritage Properties (designated by State and Federal commissions):

- 0 National Register Listed Properties
- 0 National Register Eligible Properties
- 0 California Historic Landmarks
- 0 California Register of Historic Resources
- 0 California Points of Historical Interest
- 0 California Historic Structure

PREVIOUS HISTORICAL RESOURCE INVESTIGATIONS:

Historical resource reports for the project area include:

- 6 Area-specific survey reports
- 5 General area overviews

In addition to the Center's historical resources files, the following publications, manuscripts or correspondence also were consulted:

- American Association for State and Local History
1989 National Register of Historic Places, 1966-1988. Nashville, TN.
- California Office of Historic Preservation
1986 National Register of Historic Places -- Listed Properties, as of August 1986. Correspondence.

1986 Survey of Surveys: A Summary of California's Historical and Architectural Resource Surveys.

1988 Five Views: An Ethnic Sites Survey for California.

1990 California Historical Landmarks.

1991 Directory of Determinations of Eligibility:
- Volume I: Historic Properties Directory (November 29, 1990)
- Volume II: Archeological Sites Listing (December 19, 1991)

1992 California Points of Historical Interest. (May 1, 1992)

1995 Inventory of Historic Structures -- Records entered into the OHP computer file of historic resources as of December 1995.
- National Park Service
1979- National Register of Historic Places; Annual Supplemental
1988 Listing of Historic Properties -- Listed and Eligible Properties. Federal Register:
February 6, 1979; Vol. 44(26):7433, 7635;
March 18, 1980; Vol. 45(54):17449, 17493, 17516;
February 3, 1981; Vol. 46(54):10625, 10670;
February 2, 1982; Vol. 47(22):4933, 4956, 4957, 4959;
March 1, 1983; Vol. 48(41):8629, 8673;
February 7, 1984; Vol. 49(26):4612, 4676;
March 5, 1985; Vol. 50(43):8853, 8903;
February 25, 1986; Vol. 51(37):6630, 6675, 6683, 8912; and
May 24, 1988; Vol. 53(100):18662, 18709, 18748, 18758.
- San Bernardino County Museum
1980 Historical Landmarks of San Bernardino County. Quarterly of the San Bernardino County Museum Association 28(1-2).

SENSITIVITY OF PROJECT AREA FOR HISTORICAL RESOURCES:

Based upon the above information, available historical records and comparisons with similar environmental localities, the sensitivity assessment for this project area is:

	Low	Moderate	High	Unknown
Prehistoric Archaeological Resources	—	X	—	—
Historic Archaeological Resources	—	X	—	—
Historic Resources	—	—	X	—
Cultural Landscapes	—	—	—	X
Ethnic Resources	—	—	—	X

Comments: Potential for buried prehistoric archeological resources along the shoreline of Means Lake. Potential for historic resources based on historic land use especially at Means Well on Means Lake.

RECOMMENDATIONS :

1. Conduct a field survey for historical resources, especially prehistoric and historic archaeological resources and historic resources, within portions of the project area not surveyed previously for such resources. See enclosed Referral List of Historical Resource Consultants qualified to perform this survey.

2. Contact the San Bernardino County Archives for information on historical property records. Contact James Hofer, Archives, 777 E. Rialto Ave., San Bernardino, CA 92415-0795, call for appointment, (909) 387-2030.

3. Inventory all historical resources, including archaeological and historic resources older than 45 years, and resources that have achieved significance within the last 50 years, using appropriate State record forms, following guidelines in the California Office of Historic Preservation manuals for archaeological and historic resources. Submit two copies of the completed forms to the San Bernardino County Archaeological Information Center for assignment of State trinomials.

4. Evaluate the significance and integrity of all historical resources within the project area, using criteria established in Appendix K of the CEQA Guidelines for important archaeological resources and/or 36 CFR 60.4 for eligibility for listing on the National Register of Historic Places.

5. Propose mitigation measures, and recommend conditions of approval (if a local government action), to eliminate adverse project effects to significant, important and unique historical resources, following appropriate CEQA and/or National Historic Preservation Act - Section 106 guidelines.

6. Prepare a technical historical resources management report, documenting the inventory, evaluation and proposed mitigation of resources within the project area (following guidelines for Archaeological Resource Management Reports prepared by the California Office of Historic Preservation, Preservation Planning Bulletin 4(a), December 1989). Submit one copy of the completed report (with original illustrations) to the San Bernardino County Archaeological Information Center for permanent archiving.

A CEQA Initial Study determination of "MAYBE" for potential adverse environmental impact to historical resources is warranted, unless it can be documented by a qualified professional that no resources older than 45 years in age exist on the property. Implementation of the above recommendations will ensure that existing historical resources will be inventoried and evaluated, and that appropriate mitigation measures will be recommended to avoid adverse impacts.

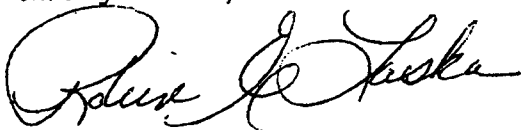
If appropriate mitigation measures are not proposed for significant historical resources within the project area, then subsequent destruction of these resources may violate the California Environmental Quality Act, National Environmental Policy Act, National Historic Preservation Act, California codes or various local government ordinances.

If prehistorical or historical artifacts over 50 years in age are encountered during land modification, then activities in the immediate area of the finds should be halted and an on-site inspection should be performed immediately by a qualified archaeologist. This professional will be able to assess the find, determine its significance, and make recommendations for appropriate mitigation measures within the guidelines of the California Environmental Quality Act and/or the Federal National Environmental Policy Act.

If human remains are encountered on the property, then the San Bernardino County Coroner's office must be contacted within 24 hours of the find, and all work should be halted until a clearance is given by that office and any other involved agencies. Contact the county coroner at 825 East Third Street, San Bernardino, CA 92415-0876; (909) 387-2978.

The County of San Bernardino requests that historical resource data and artifacts collected within this project area be permanently curated at a repository within the county. Per a State Historical Resources Commission motion, dated February 7, 1992, the repository selected should consider 36 CFR 79, Curation of Federally-Owned and Administered Archeological Collections; Final Rule, as published in the Federal Register, September 12, 1990, or as later amended, for archival and collection standards. For names and addresses of repositories within the county, please contact the Center at the address and telephone number above.

If you have any further questions, please, contact me at 792-1497, Tuesday through Friday between 8AM and 4PM.



Robin E. Laska
Acting Center Coordinator

Pacific Southwest Region

WAR DEPARTMENT
 OFFICE OF THE CHIEF OF ENGINEERS
 9800 TSU DETACHMENT NO. 14
 BOMB AND SHELL DISPOSAL TEAM

20 October 1947

SUBJECT: Report on the dedadding of Victorville Bombing Targets, San Bernardino County, California.

TO: Division Engineer
 South Pacific Division
 Corps of Engineers, War Dep't.
 Oakland Army Base
 Oakland 14, California

1. The 9800th TSU-CE Detachment #14, Bomb & Shell Disposal Team, was assigned the clearing of the Victorville Bombing Targets, Victorville, California under Surplus Real Estate Directives, South Pacific Division Numbers: Z-2571-3, Z-3019-4, Z-3020-4, Z-3021-4 and Los Angeles District Numbers: Z-1264-3, X-1490-4, Z-1491-4, 1492-4. These Directives cover the dedadding of target Numbers: 6, 8, 9, 15, Y, 1-Z and 2-Z, a total of 9,029.35 acres. The dedadding operations of said targets began 7 July 1947 and were completed 18 October 1947.
2. Five 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, was 8200 hours. The total Civilian field cost (Salary and Per Diem) was \$8166.00.
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. Targets 6, Y and 1-Z are located upon dry lake beds. Targets 8, 9, 15 and 2-Z are located on level desert land. Except for immediate center of the targets which have been cleared of vegetation, the areas are covered with a growth of sage, chapparal and other desert grasses and shrubs.

E-3

Incl. to Ltr. 20-10-47

WAR DEPARTMENT
OFFICE OF THE CHIEF OF ENGINEERS
9800 TSU DETACHMENT NO. 14
BOMB AND SHELL DISPOSAL TEAM

6. All of the deduded land covered by this report is suitable for grazing and/or mixing only, with the possible exception of targets 8, 9 and 15 which are potential agricultural areas depending on adequate water supply.

7. It is estimated that there is approximately 236 tons of scrap on subject targets. The Los Angeles District Engineers has submitted an estimate for scrap removal on these targets to the Division Engineers for further action.

8. The method of searching was as it was 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 three passes of the search crew and considerable excavating. The adjacent areas, being slightly impacted and the nature of the terrain, permitted the spacing of the search crew at wider intervals than in previous reported jobs.

9. All blasting was done after the searchers were out of the range or at a latter 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 man checked the surrounding area to insure that the object in question had been destroyed.

10. A list of duds found and destroyed are given below:

- (a) 2 Bomb, 2,000-pound, Light Case, H. E., AN-M56
- (b) 13 Bomb, 100-pound, H. E.
- (c) 1 Bomb, Flare, Aircraft, Parachute, M26
- (d) 629 Bomb, Practice, M33-A2

WAR DEPARTMENT
OFFICE OF THE CHIEF OF ENGINEERS
9800 TSU DETACHMENT NO. 14
BOMB AND SHELL DISPOSAL TEAM

11. I believe the 9,029.35 acres covered by this report to be free from explosive material for the purpose of grazing, mining and/or agricultural purposes.

12. The location of this area is designed by the enclosed map of:

Real Estate
Victorville Army Air Field-Bombing Ranges
Drawing No. 65-FP
State: California
County: San Bernardino

Joseph P. Sainato
JOSEPH P. SAINATO
1st Lt., CE
9800th TSU-CE Det #14
Bomb & Shell Disposal Team
Commanding

Ordnance and Explosive Project
Archives Search Report
for
FORMER VICTORVILLE PRECISION
BOMBING RANGE (PBR) Y
VICTORVILLE, CALIFORNIA
PROJECT NUMBER J09CA069501

APPENDIX F

LETTERS/MEMORANDUMS/MISCELLANEOUS ITEMS

APPENDIX F

Letters/Memorandums/Miscellaneous Items

- F-1. Funds Request for Targets, dated 1942 (B-27).
- F-2. Land Acquisition Method, dated 1942 (B-28).
- F-3. Contract Information for Bombing Targets, dated 1942 (B-29).
- F-4. Land Acquisition of Bombing Targets, dated 1943 (B-30).
- F-5. Chart of Bombing Targets, dated 1944 (B-31).
- F-6. Declaration of Excess, dated 1945 (B-32).
- F-7. Progress of Dedudding and Posting-Victorville Range, dated 1947 (F-33).
- F-8. Species List for Specific Areas, dated 1996 (B-35).
- F-9. Release of Targets, dated 1945 (B-36).
- F-10. Disposition of PBR "Y", dated 1945 (B-37).
- F-11. Relinquishment of PBR "Y" to BLM, dated 1948 (B-38).

January 31, 1942

Funds for Bombing Target Construction, Victorville Airfield, California.

The Chief of the Army Air Forces (A-4 Division) and
The Chief of Engineers, IN FORM.

1. Reference is made to radiogram from Moffett Field, dated January 24, 1942 (copy attached) in which is cited the urgency of need for immediate construction of bombing targets at Victorville Airfield, California, and Higley Airfield, Arizona.

2. The Bombardier School at Victorville is scheduled to start operations in the immediate future, and construction of bombing targets at this school is considered urgent.

3. The Bombardier School at Higley is scheduled to begin operations sometime in June, 1942 and target construction is not believed urgent at this school at the present time.

4. It is requested that funds in the amount of \$99,500 be allotted the District Engineer for construction of eighteen (18) targets at Victorville, California, and that the District Engineer be directed to proceed with this construction as soon as necessary land acquisition has been accomplished.

5. Funds are available for this construction in the amount under Public 353, Item I-34b.

6. It is requested that this office be furnished with a copy of the allotment of these funds.

7. Necessary action pertaining to land acquisition will be taken by separate correspondence.

1 Incl:
Cy. Radio 1/24/42

For the Chief of the Air Corps:

Walter J. Reed,
Colonel, Air Corps,
Chief, Bldgs. & Grounds Div.

EXECUTIVE
ADMIN. SERV.
AIR SERV. COMMAND
CIVILIAN PERS.
OPERATIONS
FERRING COMMAND
FISCAL
INSPECTION
INTELLIGENCE
LEGAL
MATERIEL
MEDICAL
MILITARY PERS.
TRAINING
W. COM. SERV.

6:13 PM
1/24/42
WJR

30753

TELETYPE MESSAGE
OFFICE OF THE CHIEF OF ENGINEERS
RECEIVED AT WASHINGTON, D.C.

12 DIV ENGR OFC SAN FRANCISCO JAN 30 1942
CHIEF OF ENGINEERS
US ARMY
WASHINGTON DC

FOLLOWING TELETYPE DATED JAN 28 RECEIVED FROM DIST ENGR LOS ANGELES QUOTE
REURTEL JAN 26 RE OCE TELETYPE JAN 23 AUTHORIZING DIST ENGRS TO PROCEED
WITH PREPARATION OF DETAILED ESTIMATES OF LEASING AND CONSTRUCTING
AUXILIARY FIELDS AND BOMB TARGET SITES WCAOTC STOP INSTRUCTIONS BEING
COMPLIED WITH STOP AUTHORITY REQUESTED TO LEASE 24 BOMB TARGET SITES
FOR VICTORVILLE AT ESTIMATED ANNUAL RENTAL OF \$10,000 STOP ACTION
REQUESTED BY HQ WCAOTC STOP 18 SITES APPROVED COMMA 6 TO BE SELECTED
STOP REPLY REFERENCE O DASH 10 UNQUOTE IN ABS DIV ENGR

MATHISON 455 PM

W COM AERO

*RG 18
E-PROJECT FILES - RIFIELDS, 1739-1942
B 1534
Correspondence Relative to Funding for Berlin
Bomb Targets at Victorville, Lt Army
Aircraft 30-31 January 1942*

F-1

ADDRESS REPLY TO
CHIEF OF ENGINEERS, U. S. ARMY
WASHINGTON, D. C.

WAR DEPARTMENT
OFFICE OF THE CHIEF OF ENGINEERS
WASHINGTON

REFER TO FILE NO. CE 601.53(Victorville Fly. School, Calif.)SPELA

September 2, 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 18 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 Nos. 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 528, Project N-25.3, 77th Congress, approved April 28, 1942.



SUBJECT: Land Acquisition, Bombing Ranges for Victorville Army Flying School,
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.

file
1-1-43

SUBJECT: Land Acquisition, Bombing Ranges for Victorville Army Flying School, Victorville, California.

1st Ind.

War Department, Headquarters, Services of Supply, September 2, 1942
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, September 2, 1942
TO: Chief of Engineers.

For acquisition of land in accordance with Section VII, Circular No. 47, W.D. 1942.

By direction of the Under Secretary of War:

Basil D. Edwards
BASIL D. EDWARDS,
Colonel, Infantry,
Administrative Officer.

2 Incls. n/c

1-1-43

RE-D 135 F-2

Real Estate

128

Victorville Bombing Range, Calif

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

Contract No. W-509-Eng-2051, Auxiliary Fields No. 3 & 4.¹⁸

1. Contractor - Basich Brothers, Torrance, California.
2. Construction of 8 runways, four to each field, drainage facilities, fencing and access roads. Aux. #3 located approximate ly 11 miles East VAAF; Aux. #4 located approximately 15 miles East VAAF.
3. Date of commencement - 7 Feb 1942
Date of completion - 14 Jul 1942
Date of acceptance - 15 Aug 1942
4. Total extensions of 112 days due to unsuitable weather and non-delivery of essential materials.
5. Total cost - \$385,040.00.

Contract No. W-509-Eng-2196, Bombing Targets (18).¹⁹

1. Contractor - George Herz Co., San Bernardino, California.
2. Targets within radius of 5 to 75 miles from VAAF. Eighteen targets constructed--cleared and grubbed approximately 26.4 acres at each site. Shacks (pyramidal). 24 $\frac{1}{2}$ miles of access road to connect various targets to existing roads. Fencing.
3. Date of commencement - 11 Mar 1942
Date of completion - 1 May 1942
Date of acceptance - 1 May 1942
4. Total Cost - \$73,171.21.

18. Completion Report, Contract No. W-509-Eng-2051. (Contract No. 2051, VAAF Post Engineer Files).
19. Completion Report, Contract No. W-509-Eng-2196. (Contract No. 2196, VAAF Post Engineer Files)

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

Some trouble had been experienced in having bombing targets sufficiently completed for the first class of bombardiers, even though WCACTC Headquarters had initiated action for their acquisition in December of 1941. Quoted herewith is a portion of the request:

"5. Eighteen bombing range sites should be selected for immediate use. Six additional sites should be selected for subsequent acquisition, to bring the total number to twenty-four (24) for each station. Bombing range sites will be located on Federal lands wherever possible in order to expedite acquisition. Eighteen bombing range sites for immediate use need only be selected at Albuquerque, Roswell, Higley and Victorville ..."²⁰

Information contained in a letter report of the Commanding Officer to Headquarters, WCACTC on 13 February 1942 indicated that acquisition and construction was still being delayed on the targets:

- "1. ... there are no bombing ranges in operation at this station.
- "2. ... no bombing target sites have been acquired.
- "3. ... all bombing target sites are in the process of being acquired
 - "a. The range will be known as the Victorville Bombing

20. Ltr, Hq, WCACTC, Moffett Field, Calif., 14 Dec 1941, (WC 600 Aux Fld) subject: Auxiliary Landing Fields and Bombing Range Sites. TO: U. S. District Engineers, Sacramento, Los Angeles, and Caddoa. (copy, w/incl) (686 Aviation Fields, etc. - WAAF Hq Files)

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

Range.

"b. Its location and approximate size are shown on the accompanying map. It is situated east of Victorville, California, and is comprised of a strip approximately twenty (20) miles wide and sixty-five (65) miles long."²¹

Contract No. W-509-Eng-2233, Railroad Spur.²²

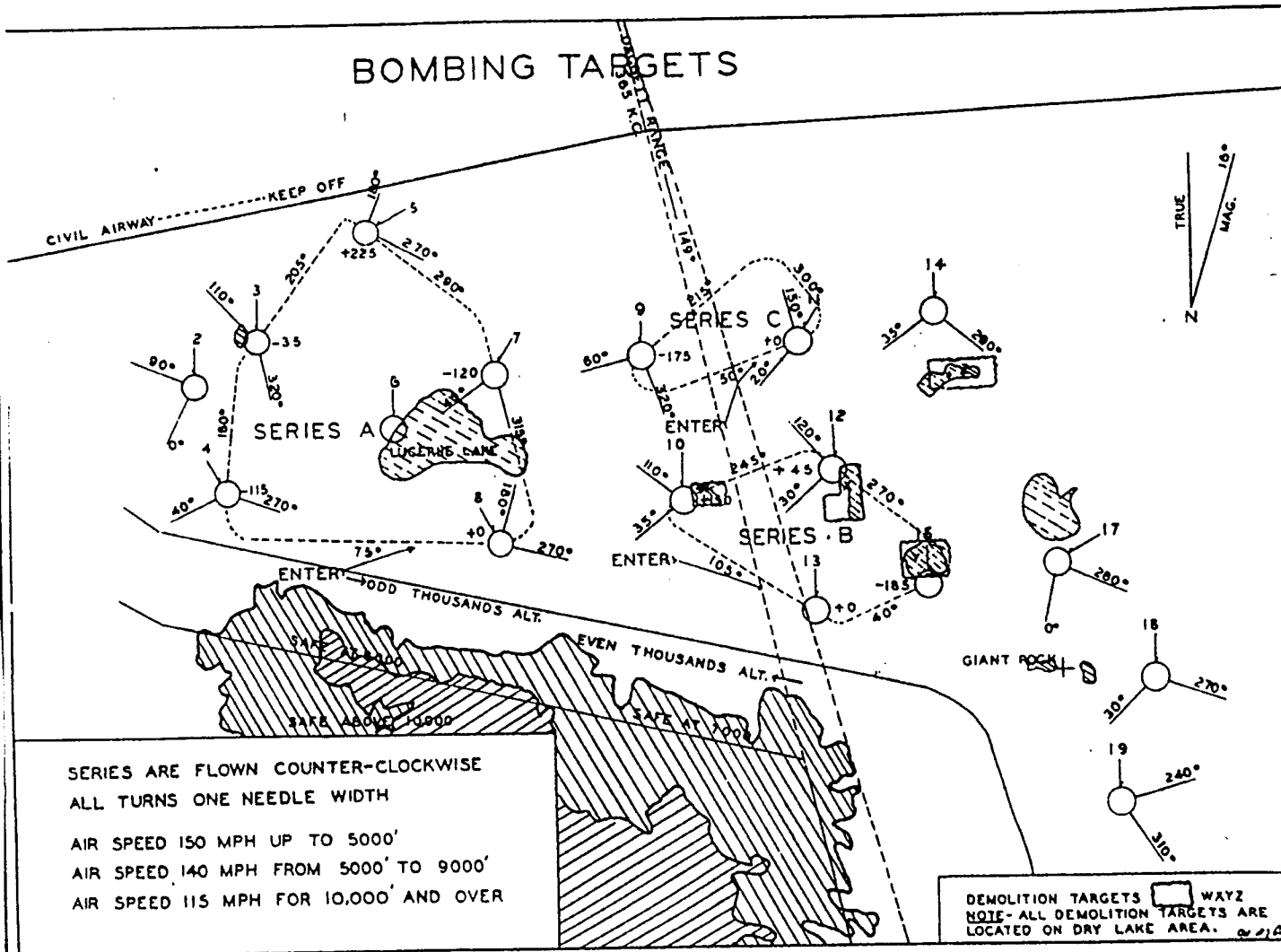
1. Contractor - Owls Truck & Materials Co., Compton, California.
2. 6.53 miles of track and all appurtenances.
3. Date of commencement - 7 April 1942
Date of completion - 25 March 1943
Date of acceptance - Not yet accepted.
4. Delays totalling 293 days granted due to delays in procuring government allocated materials.
5. Original contract - \$157,693.00.

Action to provide Victorville with a needed spur railroad line was begun on 21 May 1941, by the U. S. Engineer Office at Los Angeles. Several surveys were made as to the amount of freight which would be hauled and the costs of construction against the cost of pipe lines and loading sidings before the project was finally disapproved by 10th Indorsement on the 24th of October.²³

- 21 Ltr, Hq ACAFS, Victorville, Calif., 13 Feb 1942, subject: Information Pertaining to Bombing Ranges, ACAFS, Army Air Base, Victorville, California. TO: CG, WCACTC, Moffett Field, Calif. (copy) (684 Target Ranges - VAAF Hq Files)
- 22 Completion Report, Contract No. W-509-Eng-2233. (Contract No. 2233, VAAF Post Engineer Files)
- 23 Ltr, U.S. Engineer Office, Los Angeles, Calif., 21 May 1941, subject: Preliminary Plot Plan, Victorville Site. TO: CG, WCACTC, Moffett Field, Calif. (11 Inds.) (686 Aviation Fields, VAAF Hq Files)

F-3

BOMBING TARGETS



1700 11/11 - 1 Nov 1942

HEADQUARTERS
ARMY AIR FORCES WEST COAST TRAINING CENTER
1104 West 8th Street
Santa Ana, California

AAF #13

601. WCTCE

MCS:aw

January 10, 1943

SUBJECT: Acquisition of Bombing Targets, Victorville, California.

TO: Division Engineer, Pacific Division, 19 West South Temple,
Salt Lake City, Utah.

1. Reference is made to your telegram 763 NE-H dated January 14, 1943, regarding cancellation of bombing target sites at Victorville Army Flying School, Victorville, California. In accordance with the request in your telegram, cancellation of targets Nos. 20 through 24 inclusive is confirmed. A list of additional targets required for use of the subject station, and as described in 2nd Indorsement this Headquarters, dated December 3, is as follows:

- a. No. 30, T 32 S, R 42 E, SE 1/4 Sec. 17, SW 1/4 Sec. 16, NE 1/4 Sec. 20, NW 1/4 Sec. 21, M.D.B. & M.
 No. 31, T 32 S, R 41 E, E 1/2 Sec. 36
 T 32 S, R 42 E, W 1/2 Sec. 31, M.D.B. & M.
 No. 32, T 32 S, R 42 E, SE 1/4 Sec. 23, SW 1/4 Sec. 24, NE 1/4 Sec. 26, NW 1/4 Sec. 25, M.D.B. & M.
 No. 33, T 11 N, R 6 W, All Sec. 27, S.B.B. & M.
 No. 34, T 11 N, R 5 W, S 1/2 Sec. 20, N 1/2 Sec. 29, S.B.B. & M.
 No. 35, T 11 N, R 6 W, SE 1/4 Sec. 1, NE 1/4 Sec. 12,
 T 11 N, R 5 W, SW 1/4 Sec. 6, NW 1/4 Sec. 7, S.B.B. & M.
 No. 39, T 11 N, R 4 W, All of Sec. 11, S. B. B. & M.
 No. 40, T 11 N, R 4 W, All of Sec. 34, S.B.B. & M.
 No. 41, T 12 N, R 4 W, All of Sec. 31, S.B.B. & M.
 No. 42, T 11 N, R 3 W, All of Sec. 20, S.B.B. & M.
 No. 43, T 11 N, R 5 W, All of Sec. 23, S.B.B. & M.
 No. 44, T 10 N, R 3 W, All of Sec. 17, S.B.B. & M.
 No. 45, T 10 N, R 2 W, All of Sec. 9, S.B.B. & M.
 No. 46, T 11 N, R 3 W, SE 1/4 of Sec. 11, SW 1/4 of Sec. 12,
 NE 1/4 of Sec. 14, NW 1/4 of Sec. 13,
 S.B.B. & M.
 No. 47, T 9 N, R 4 W, W 1/2 of Sec. 2, E 1/2 of Sec. 3, S.B.B. & M.
 No. 48, T 9 N, R 5 W, All of Sec. 36, S.B.B. & M.
 No. 49, T 10 N, R 5 W, All of Sec. 33, S.B.B. & M.
 No. 50, T 9 N, R 5 W, All of Sec. 31, S.B.B. & M.
 No. 51, T 8 N, R 5 W, All of Sec. 15, S.B.B. & M.
 No. 52, T 7 N, R 5 W, SE 1/4 Sec. 10, SW 1/4 Sec. 11, NE 1/4 Sec. 15, NW 1/4 Sec. 14, S.B.B. & M.
 No. 54, T 9 N, R 3 W, W 1/2 Sec. 9, E 1/2 Sec. 8, S.B.B. & M.

b. Demolition Bombing Targets Sites as follows:

- D. T. 1, Secs. 28 and 33, T 6 N, R 2 W
 D. T. 2, Secs. 7, 8, and 9, T 4 N, R 3 E
 D. T. 3, Secs. 4, 8, and 9, T 4 N, R 4 E

X 601
 1618
 E-292
 3 1572

DECLASSIFIED
Authority NND 730061
By SLA NARA Date 11-22-95

Las. fr CG AAFWCTC to Div. 8. Salt Lake City, subject: "Acq. Bomb. Targets"
Victorville (1-16-43)

- D. T. 4, Secs. 5, 5, 6, 7, 8, and 9, T 5 N, R 5 E
- D. T. 5, Secs. 24 and 25, T 4 N, R 4 E
- D. T. 6, Secs. 19 and 30, T 4 N, R 5 E
(SBBIRM)

2. It is requested that acquisition proceedings be expedited since these sites are urgently needed for the training activities of this station.

For the Commanding General:

/s/ E. W. GROGAN,
Major, AirCorps,
Actg. Asst. Adjutant General

AIR MAIL

601.1 RE (Victorville Army Flying School -
Additional Bombing Target Sites) 1st Ind.

Office, Division Engineer, Pacific Division, Salt Lake City, Utah, January 20, 1943. To: The Chief of Engineers, U. S. Army, Washington, U. C. Attention: Real Estate Branch.

1. Reference is made to the request by the Commanding General, Army Air Forces, West Coast Training Center, for the acquisition of sites for bombing targets and demolition bombing targets contained in 2nd Indorsement from that Headquarters dated December 3, 1942 to basic letter from the Range Officer, Victorville Army Flying School, dated November 16, 1942, forwarded to your office by air mail 3rd indorsement from this office dated December 15, 1942, file 601.1 RE Victorville Army Flying School - Additional Bombing Target Sites. This office construed the approval of and the request to acquire by the Commanding General Army Air Forces West Coast Training Center, to include only Bombing Target Sites Nos. 21, 22, 23, 24, 30, 31, 32, 33, 34 and 35, and Demolition Bombing Target Sites Nos. 1, 2, 3, 4, 5 and 6. The basic communication hereto dated January 16, 1943, cancels the request for the acquisition of Bombing Target Sites, Nos. 20, 21, 22, 23, and 24. A gross appraisal of the remaining Bombing Target Sites and demolition bombing target sites, excepting Demolition Bombing Target Site No. 1, is inclosed herewith.

2. The area consists of approximately 4190.17 acres of privately owned land and 10,424.68 acres of public lands in San Bernardino County, California. The report is dated December 24, 1942 and has been reviewed and approved.

3. Basic communication clarifies the prior correspondence on the subject, and conforms the request of the Commanding General, Army Air Forces West Coast Training Center, for the acquisition of Bombing target sites in addition to those included in the inclosed gross appraisal. The additional targets are Site Nos. 39, 40, 41, 42, 43, 44, 45, 46, 47, 48, 49, 50, 51, 52 and 54, and Demolition Bombing Target Site No. 1. A gross appraisal of those sites not included in the inclosed gross appraisal is being prepared and will be forwarded.

4. It is recommended that the sites described in the inclosed gross appraisal be acquired by lease (Standard Form No. 2), since the surface of the areas will not be greatly disturbed and extensive restoration will not be involved in view of the present and proposed use of the land.

For the Division Engineer:

/s/
J. MORTIMER CLARK
Lt. Col., Corps of Engineers
Division Real Estate Officer

1 Incl. Gross Appraisal (trip)

AIR MAIL

F-5

EAST RANGE

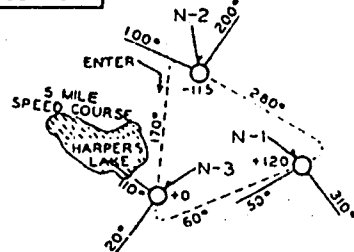
FIELD ALTITUDE
2861'
TARGET ALT.
2---2940'
3---3210
4---3080
5---3265
6---2845
7---3040
8---3155
9---3305
10---2895
11---3410
12---2745
13---2885
14---2885
15---2600
16---2935
17---2355
18---2480
19---3060
20---3160
Y---2570
Z---2700

NORTH RANGE

N-1---2420
N-2---2305
N-3---2300

RESTRICTED

SERIES N



AUXILIARY FIELD 1.

AUXILIARY FIELD 2.

AIRWAY-GREEN 4

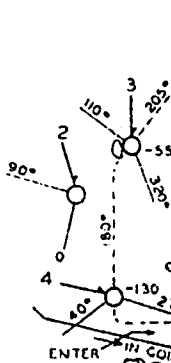
243° 63°

MIRAGE LAKE

AUXILIARY FIELD 3
AUXILIARY FIELD 4.

VICTORVILLE ARMY AIR FIELD

SERIES A



ENTER

IN GOING-ODD THOUS. ALT.

SAFE AT 8000

SAFE ABOVE 10,000

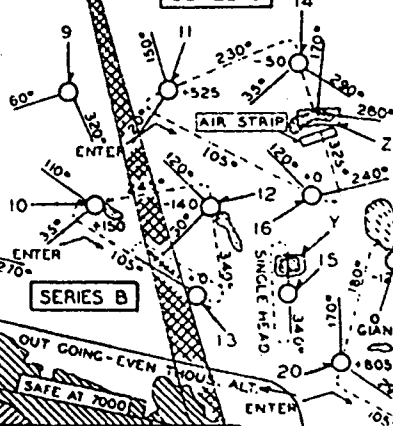
SERIES B

ENTER

OUT GOING-EVEN THOUS. ALT.

SAFE AT 7000

SERIES C

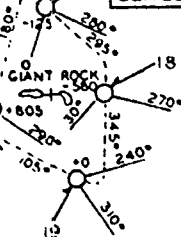


ENTER

AIR STRIP

SINGLE HEAD

SERIES D



**BOMBING TARGETS
EAST AND NORTH RANGE
VICTORVILLE ARMY AIR FIELD**

DAGGETT RADIO
385 DG

AIRWAY-GREEN 4



EAST RANGE

FOR NIGHT FLYING THE TARGETS MAY BE IDENTIFIED AS FOLLOWS:

- SERIES A - RED NEON ARROW BY EACH TARGET
- SERIES B - RED NEON BOX BY EACH TARGET
- SERIES C - GREEN NEON CROSS BY EACH TARGET

IN CASE OF LIGHTING FAILURE ON TARGETS, THE PILOT WILL CALL 5UE9 AS SOON AS POSSIBLE. AS SOON AS THE TARGET LIGHT COMES BACK ON, BOMBING MAY BE RESUMED.

USE DEMOLITION TARGETS FOR DEMOLITION BOMBING ONLY. ALL DEMOLITION TARGETS ARE LOCATED ON DRY LAKE AREA.

NORTH RANGE

FOR NIGHT FLYING SERIES "N" TARGETS MAY BE IDENTIFIED BY A RED AND GREEN NEON ARROW BY EACH TARGET.

ALL PILOTS WILL FLY BELOW 9000' WHILE CROSSING AIRWAYS BEFORE REACHING TARGET AREA IN COMPLIANCE WITH OPERATIONS MEMORANDUM NO. 6 DATED FEB. 24, 1943.

ALL RANGES

ENTER ALL SERIES 45° TO SERIES HEADING.
AIRSPEED 150 MPH UP TO 5000'
AIRSPEED 140 MPH FROM 5000' TO 7000'
AIRSPEED 120 MPH FOR 10,000' AND OVER
AIRSPEED 160 MPH ON HIGH SPEED MISSIONS
SERIES ARE FLOWN COUNTER-CLOCKWISE.
ALL TURNS ONE NEEDLE WIDTH.

OFFICE OF DIRECTOR OF FLYING--REVISED 5-15-44

RESTRICTED

CONFIDENTIAL

132748

WDGDS 14892
L&LD - Information
CG, ASF - Necessary Action

Declaration of Excess, Targets 6, 9, 15, "Y," and "Z," Victorville Army Air Field, Victorville, California

22 JUN 1945

C. M. Ankcorn/71900/ve

BY DIRECTS:

1. Reference is made to Memorandum for the Assistant Chief of Staff, G-4, War Department General Staff, from the Commanding General, Army Service Forces, dated 16 June 1945, subject as above, file SPMOC 684 (11 Jun 45).

2. It having been determined by the War Department that no further need exists for the real estate of Targets 6, 9, 15, "Y," and "Z," located at Victorville Army Air Field, Victorville, California, as described in the above-cited reference, this property is placed in the category of surplus, and its disposition in accordance with applicable laws, directives, and regulations is approved.

FOR THE ASSISTANT CHIEF OF STAFF, G-4:

1 Incl
Memo to G-4, fm CG, ASF,
16 Jun 45, w/incls as lstd

COPIES FURNISHED:
L&LD
G-3
H&WD
C/E
CG, AAF
Program Branch

BRUCE MITCHISON
Lt. Colonel, GSC
Assistant Deputy,
Assistant Chief of Staff, G-4



FILE
6-29-45
Rm 6220
X 77108
Rm R

CONFIDENTIAL

CUT-OFF AS OF 31 DECEMBER 1945

602 (Victorville surplus file, copy 100 June 45)

R677
E 1011
B 858
Victorville
Memorandum Relative to
Disposition of Victorville Property
Bombing Range # 4 at Surplus, 22 June
1945

COORDINATION

NPRC
RG 342
ACCESSION 44A 6005-
100. 425-7415

HEADQUARTERS

Office of the Commanding General
March Field, Riverside, California

MASIC: Ltr 684 Hqs 15th AF, dtd 14 May 47, subj: "Progress of Deodding and Posting - Victorville Range"

684/20 3rd Ind

MAJ-1
Kabroch

HEADQUARTERS March Field, Riverside, California

TO: Corps of Engineers, Office of District Engineer, Los Angeles District, 751 South Figueroa Street, Los Angeles 14, California

1. Reference is made to basic communication and preceding indorsements concerning the Victorville Bombing Range. This headquarters does not have the funds nor sufficient personnel to carry out the work outlined for the deodding and posting of danger signs for the Victorville Targets, which are now assumed to be in the custody of March Field even though the CGR Form 290 has not been signed for these targets from the District Engineer to March Field.

2. This headquarters contemplates the placing of a request to headquarters Tactical Air Command for sufficient funds to deod the targets designated in 2nd indorsement and for posting of danger signs in order that these targets may be held in an inactive status pending the final decision by the Army Air Forces as to the final disposition of Victorville Range.

3. In view of the above, it is requested that a complete estimate for deodding and posting of danger signs be made and submitted to this headquarters by 15th indorsement to this chain of correspondence, in order that an accurate detailed estimate may be submitted to headquarters Tactical Air Command requesting funds for the project. In this connection the request will be so worded that the funds will be allotted to the appropriate Division, or District Engineer for the accomplishment of the work.

4. It is understood that the Division Deodding Team will deod certain targets in this area after 1 July 1947, it being assumed that the Deodding Team will work on those targets on which five hundred pound demolition bombs were used. Thus, this headquarters is interested in those targets mentioned in paragraph 1 of 2nd indorsement.

5. The attached regional map of Victorville Army Air Field on intelligence facilities shows the location of the targets in question. It should be noted that March Field requested an Air to Ground Army Range and a Five Bombing Target in the vicinity of Deed Lake Lake, which is shown colored in red on the attached map. The request for

- CO *CO*
- EX
- ADJUTANT *ADJ*
- S-1
- MAIL PERM
- CPO
- PERM NGMT
- SPEC SERV
- I & E
- PERM AFF
- ORG & MAN
- ORD SAFETY
- S-1
- BASE INTEL
- PHOTO
- S-3 *W*
- CHD TNG
- FLY TNG
- BASE OPS
- S-4 *W*
- SUP DIV
- MAINT DIV
- TRAFFIC DIV
- QM SERV DI
- POST ENG *CPK*
- AI
- TC
- FINANCE
- LEGAL O
- SURGEON
- B & F
- STAT
- PRO
- PROVO
- CHAPLAIN
- COMM
- PK
- ORD
- CHEM

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694/2

RECORD	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
NON-RECORD	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC

NYK
 RG 342
 ACCESSION 40A 6005-
 100. 4-35-747-5

COORDINATION

HEADQUARTERS

Office of the Commanding General
 March Field, Riverside, California

BASIC: Ltr Hqs 12th AF 684, dtd 14 May 47, subj: "Progress of De-
 duction and Posting - Victorville Range" 3rd Ind contd

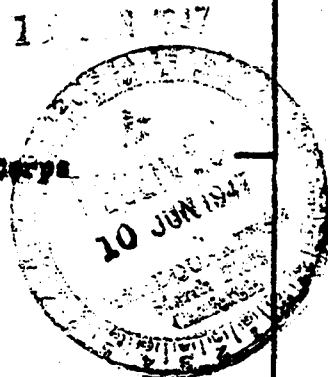
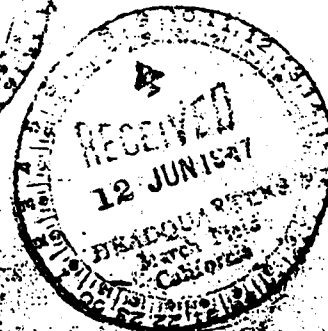
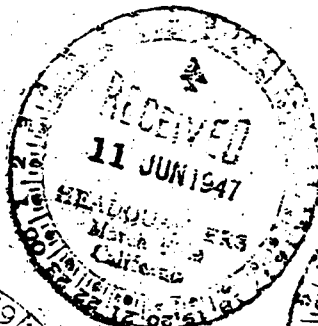
the Air to Ground Gunnery Range was made under the date of 27 May
 1947, letters being sent to the Real Estate Sub-Office in Los Angeles,
 to the Commanding General, Tactical Air Command, Langley Field,
 Virginia and to Commanding General, Twelfth Air Force, March Field,
 California.

CO	
EX	
ADJUTANT	
S-1	
MIL PERS	
CFO	
PERS MGMT	
SPEC SERV	
I & E	
PERS AFF	
ORG & MAN	
GRD SAFETY	
S-1	
BASE INTEL	
PHOTO	
S-3	
WD TRG	
LY TRG	
BASE OPS	
S-4	
SUP DIV	
MAINT DIV	
TRAFFIC DIV	
QM SERV DIV	
POST ENG	
AI	
IC	
FINANCE	
LEGAL O	
SURGEON	
R & F	
STAT	
PRO	
PROVO	
CHAPLAIN	
COMM	
PK	
ED	
EM	
RECORD	JAN FEB MAR APR MAY JUN JUL AUG SEP OCT NOV DEC
NON-RECORD	JAN FEB MAR APR MAY JUN JUL AUG SEP OCT NOV DEC

1 Incl
 Regional Map (in dup)

CARL J. CRANE
 Colonel, Air Corps
 Commanding

Copy furnished:
 CG, Twelfth Air Force
 March Fld, Calif.



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United States Department of the Interior

FISH AND WILDLIFE SERVICE

Ecological Services
Ventura Field Office
2493 Portola Road, Suite B
Ventura, California 93003

January 30, 1996

Shirley Daniels
Information Management Specialist
Attention: SIOAC-ESL
Department of the Army
U. S. Army Technical Center for Explosive Safety
Savanna, Illinois 61074-9639

Subject: Species List for Specified Areas near Victorville, San Bernardino County, California

Dear Ms. Daniels:

This letter is in response to your facsimile transmission, dated and received on January 8, 1996 requesting a compilation of listed and candidate species that may occur in the following specific areas near Victorville, California.

PBR Y- Township 4N, Range RE, Sections 24 and 25
PBR 1- Township 6N, Range 5E, Sections 19 and north ½ of 30
PBR 13 - Township 3N, Range 4E, Section 6

These areas may contain unexploded ordnance and explosive wastes. The U.S. Army Technical Center for Explosive Safety (USATCES) is preparing to survey the above areas for unexploded ordnance. The information enclosed in this letter will be used by the USATCES in preparation for the survey.

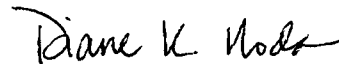
Our records indicate that the federally listed desert tortoise (*Gopherus agassizii*) is likely to occur within the survey area.

This letter fulfills the requirements of the 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 Department of the Army (Army) has the responsibility to prepare a biological assessment if the project is a construction project which may require an environmental impact statement^{1/}. If a biological assessment is not required, the Army 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 Army 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 Endangered Species Act. If a listed species may be affected, the Army should request, in writing through our office, formal consultation pursuant to section 7 of the Act. Informal consultation may be used to exchange information and resolve conflicts with respect to listed species prior to a written request for formal consultation.

Should you have any questions regarding the species listed, or your responsibilities under the Act, please contact Doug Laye of my staff at (619) 255-8844.

Sincerely,



Diane K. Noda
Field Supervisor

Enclosure

^{1/} "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.



United States Department of the Interior

FISH AND WILDLIFE SERVICE

Ecological Services
Ventura Field Office
2493 Portola Road, Suite B
Ventura, California 93003

December 13, 1995

In July, 1995, the U.S. Fish and Wildlife Service (Service) issued a revised policy regarding candidate species. Under the new policy, "candidate" species are those taxa for which the Service has sufficient information to support the publication of a proposal to list. These species were formerly known as "category 1 candidates". Former "category 2 candidates" are now called "species of concern". This change should not be construed as a change in the biological status of those species, nor a change in the level of concern that should be afforded these species during the evaluation of the effects of an action. The Service will continue to monitor sensitive species regarding the need for listing, and will rely on data bases maintained by other agencies and The Nature Conservancy as a major source of information. Species can be added to the candidate list by the Service through submittal of appropriate information to, and approval by, the Director.

If you have any questions, please contact Carl Benz or Ray Bransfield of the Ventura Field Office at (805) 644-1766.

WAR DEPARTMENT
HEADQUARTERS OF THE ARMY AIR FORCES
WASHINGTON, D. C.

11 JUN 1945.

AFDIN 3C/4.

SUBJECT: Abandonment of Targets Nos. 6, 9, and 15, and ~~Y~~ and Z, Victorville Army Air Field, California.

TO : Commanding General, Army Service Forces, Washington 25, D.C.
Attn: Director of Plans and Operations.

1. There are inclosed communications from the Commanding General, Army Air Forces Training Command, reporting as surplus five targets, enumerated below, at Victorville Army Air Field, California. The designation of the targets and the nature of the interest acquired by the United States are as follows:

a. Target No. 6, comprising 240 acres, acquired in fee, 320 acres of public domain, 80 acres under Lease No. W-04-193-eng-5550.

b. Target No. 9, comprising 640 acres of public domain, transferred to the War Department by Public Land Order No. 125.

c. Target No. 15, comprising 640 acres of public domain, transferred to the War Department by Public Land Order No. 125.

d. Target "Y", situated 50 miles ENE of Victorville Army Air Field, in Sections 24 and 25, TWP 4N, R4E, and Section 19 and Np of Section 30, TWP 4N, Range 5 E, San Bernardino County, California, Acreage not known. Land owned in fee by the government.

e. Target "Z", comprising 2,560 acres of public land which has not been withdrawn for use by the War Department, and approximately 1,449.12 acres held under Lease No. W-04-193-eng-4536.

2. The basic communications from the Commanding Officer, Victorville Army Air Field, together with indorsements, set forth the information required by paragraph 12 and 13, Cir. 89, WD, 1945. It is requested that the aforementioned installations be declared surplus in accordance with the referenced circular.
5 Incls.

FOR THE COMMANDING GENERAL:

LUCIUS M. SARGENT, Lt. Col., A.C.,

Ass't Chief, Air Installations Division

Office of Ass't Chief of Air Staff, Materiel and Services.

ARMY SERVICE FORCES

Office of the Commanding General

Washington 25, D. C.

27 Jun 1945.

SPMOC 400.703 (22 Jun 45).

MEMORANDUM FOR THE CHIEF OF ENGINEERS:

SUBJECT: Release of Targets 6, 9, 15, "Y" and "Z", Victorville Army Air Field, Victorville, California.

1. Reference is made to the attached letter from the Commanding General, Army Air Forces, to the Commanding General, Army Service Forces, dated 11 June 45, with five (5) inclosures, in which the subject five target sites are recommended for disposal as excess to the further needs of the Army Air Forces, and inclosing information pursuant to the provisions of War Department Circular Number 306, dated 18 July 1944.

2. The War Department has placed the subject land in the category of surplus effective 22 June 1945.

3. It is therefore, desired that action be taken to dispose of targets 6, 9, 15, "Y" and "Z", Victorville Army Air Field, Victorville, California, as described in the attached correspondence, in accordance with applicable laws, directives and regulations.

1 Incl:

Ltr frn CG, ASF to CG,
ASF dtd 11 Jun 45 w/5 Incls.

BY COMMAND OF GENERAL SOMERVILLE:

DANIEL NOCE

Major General, GSC

Director, Plans & Operations, ASF.

H. R. REIFSHYDER

Lt. Col., Corps of Engineers

Executive, Command Installation Branch
Mobilization Division, ASF.

28 JUN 1946.

DEPARTMENT OF THE ARMY
OFFICE OF THE CHIEF OF ENGINEERS
REAL ESTATE

DATE 29 June 1945

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, PACIFIC DIVISION, Attention: REAL ESTATE OFFICER,
For Information Only

1. Notice was received on 28 June 1945 that, effective 22 June 1945, the following described property has been classified as

INACTIVE _____ STANDBY _____ EXCESS _____ SURPLUS X REESTABLISHED _____ REDISTRIBUTED _____

Name of Installation: Victorville Army Air Field (Target Sites)

Location nearest: Victorville (City) San Bernardino (County) California (State)

Acreage: Total 8,169 W.D. 2,480 Public Lands 4,160 Lesser Interests _____ Leased 1,529

Entire Installation _____ Portion of Installation X

Land Only X Land and Improvements _____ Improvements Only _____

Industrial Installation _____ Command Installation X

Property Used By AAF For Bombing Targets

2. Proposed disposition and remarks: Five target sites, 6, 9, 15, 16 "Y" and "

602 Victorville Precision Bombing Range,
California, ENGLT

1 November 1948

EG/IJ

HO'N

LBK

EJF

GFM

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,

I Inclosure;
Exhibits A thru J

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

Ordnance and Explosive Project
Archives Search Report
for
FORMER VICTORVILLE PRECISION
BOMBING RANGE (PBR) Y
VICTORVILLE, CALIFORNIA
PROJECT NUMBER J09CA069501

APPENDIX G

REAL ESTATE DOCUMENTS

APPENDIX G

Real Estate Documents

Table of Contents

- G-1. Tract Register, dated 1948 (B-39).
- G-2. Disposal Report, dated 1951 (B-40).
- G-3. Plat Map of Township 4 North, Range4East, dated 1992, (B-45).
- G-4. Assessor's Map, dated 1981 (B-46).
- G-5. San Bernardino Parcel List. Dated 1995 (B-47).

Office of the Chief of Engineers
Real Estate Division

TRACT REGISTER

PRELIMINARY
 FINAL 2247

(Separate Register to be prepared for each Real Estate Directive)

PROJECT (Official Name) Victorville Precision Bombing Range		PURPOSE (As Set Forth in Directive) Bombing Target			DATE OF DIRECTIVE 2 September 1948		DIRECTIVE NUMBER RE-D 1554
TRACT NUMBER	LANDOWNER'S NAME	ACREAGE	PRICE	ESTATE METHOD 1/ 2/		LAST ACTION STEP TAKEN	REMARKS (Including Contract No. of Lease)
1-Y	Department of the Interior	2,240.00	---		T	Implied Transfer	No formal permission obtained for use
1 TOTAL		2,240.00	---	1/ *F* Fee; *LE* Leasehold; *LI* License; *PE* Permit; *E* Easement.		2/ *P* Purchase; *D/T* Declaration of Taking; *WPA* War Powers Act Condem.; *U* Unnegotiated; *T* Transfer; *D* Donation; *SC* Straight Condem.; *L* Lease; *MWA* Matured War Powers Action.	
DIVISION SOUTH PACIFIC		DATE PREPARED 23 June 1948		<p style="text-align: right;">AUDITED 23 June 1948 <i>A. H. Nelson</i></p>			

REALTY CONTROL FILE SUMMARY
(Land Acquisitions and Disposals Subsequent to 1 July 1940)

2247

RESERVATION NAME:
Victorville Precision Bombing Range No. Y, California

OFFICIALLY DESIGNATED BY:

LOCATION:

In San Bernardino County, 42 miles S. E. of Barstow, California

TYPE:

Bombing Target

LAND OWNERSHIP AND COST DATA

ACQUISITION ACTIONS

Exhibits "A"

DISPOSAL ACTIONS

Exhibits "B"

NET AREA

2240.00 acres, transfer, total area acquired
2240.00 acres, **
0.00

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						REPORTS CONTROL SYMBOL ENGL - 12 (R3)			
TO: Chief of Engineers ATTENTION: ENGLH Washington 25, D. C.		DIVISION South Pacific		DISTRICT Los Angeles		DATE OF REPORT 31 MAY 1951			
PART I FINAL REPORT									
INSTALLATION Victorville Precision Bombing Range #1,				Audit #2247 LOCATION 42 Miles SE of Barstow					
<input type="checkbox"/> ARMY		<input checked="" type="checkbox"/> AIR FORCE		<input checked="" type="checkbox"/> MILITARY		<input checked="" type="checkbox"/> CIVIL			
<input type="checkbox"/> ATOMIC ENERGY COMMISSION		<input type="checkbox"/> COMMAND INDUSTRIAL		<input type="checkbox"/> FLOOD CONTROL RIVER & HARBORS					
ACREAGE ENTIRE INSTALLATION		FEE OWNED -		PUBLIC LAND 2240		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)
A 6-22-45	Surplus	E	-	2240	-	-	Bomb Rge	4,500	3-29-46
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 LTH FROM ARMY AF OR AEC	RESTORATION OR BLDG. DISP. COMPLETED (Date)	DATE CUSTODY ASSUMED			
A2	6-22-45	Dept of Interior		11-1-48		*			
LEASE CANCELLATIONS									
REF.	NO.	ACRES	RENTAL (Dollars)	REPORTED TO GSA	CANCELLED				
OTHER DISPOSALS									
REF.	CLASSIFIED	APPRAISED	ADVERTISED	DATE SET FOR OPENING OF BIDS	COMPLETED	CONSIDERATION (\$)			
SIGNATURE <i>G. S. LAVEZZOLA</i> G. S. LAVEZZOLA		TITLE Chief, Realty Require. Br.			ADDRESS 130 Sutter Street San Francisco, Calif.				

ENG 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 so as to reach the Chief of Engineers, ATTENTION ENGLM, not later than the 23rd 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 1940, 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 836" 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 at 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 #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 recited.
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. REPORTED TO WAA OR GSA will include only property formally reported by Forms SPB-5, SPA-5, 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 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 to another Gov't. 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 cancelled 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 ninety 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 Gov't</u>
A2	WN 772	2240 Acres	\$4,500

PART III
Retransfer to Other Gov't Agency

A2	Used without formal permission of Dept. of Interior - Relinquished 11-1-48	2240 Acres	4,500
----	--	------------	-------

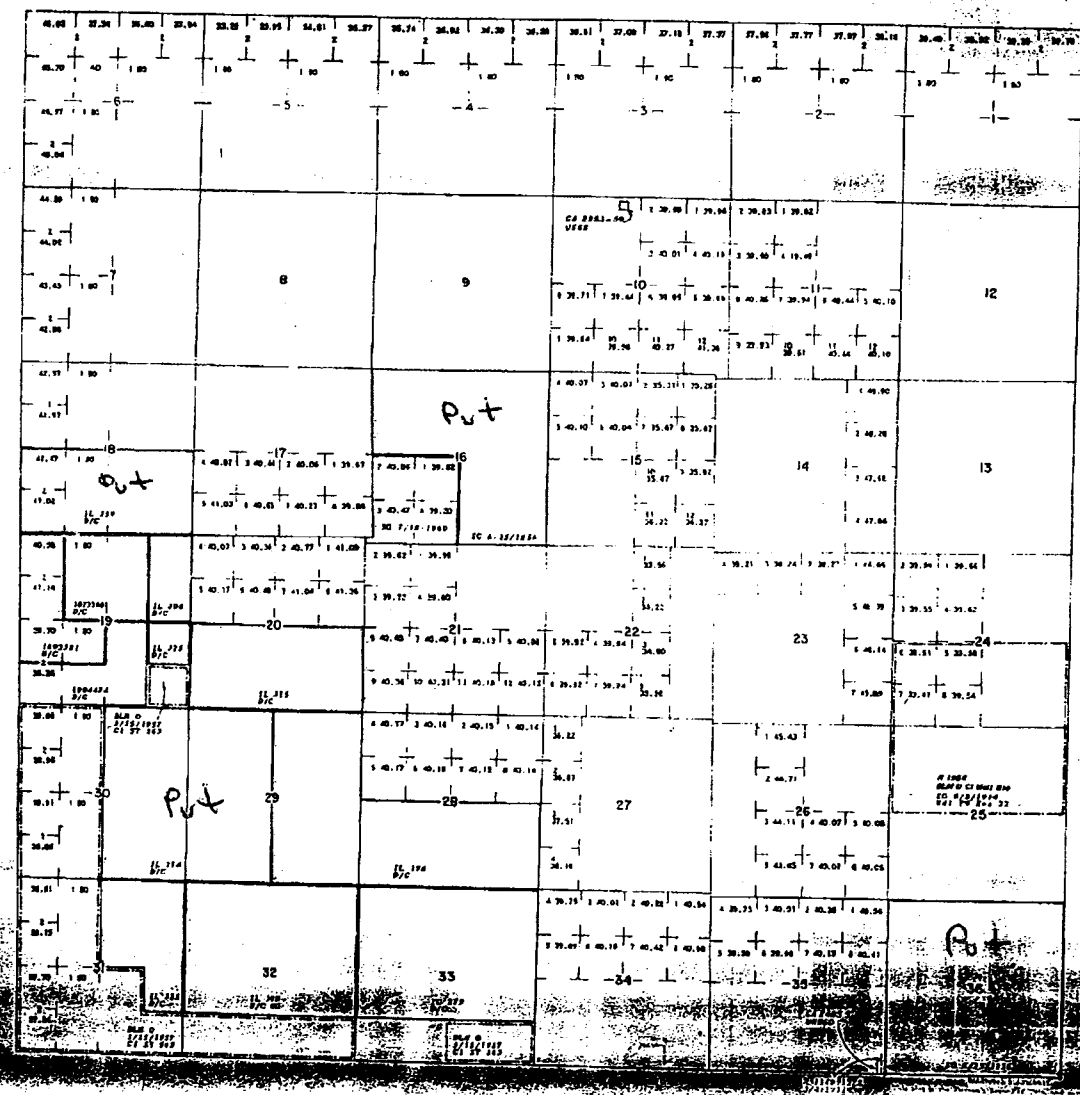
* NOTE: Letter dated 11-1-48 relinquished Public Domain to Dept. of Interior. As there is no record of the use of the land by the Dept. of the Army, official assumption of custody by the Dept. of Interior will not be effected.

G-3

TOWNSHIP 4 NORTH RANGE EAST OF THE SAN BERNARDINO MERIDIAN CALIFORNIA

SAN BERNARDINO COUNTY
CALIFORNIA DESERT DIST
BARSTOW 6A

STATUS OF PUBLIC DOMAIN
LAND AND MINERAL TITLE



37 38
39 40

MT PLAT

INDEX TO SEPARATED TRACTS

TRACT NO.	T	R	R2C	DESCRIPTION

All Tr. within attachment California Desert Conserv
Also Act of Cong. 90/5/1976

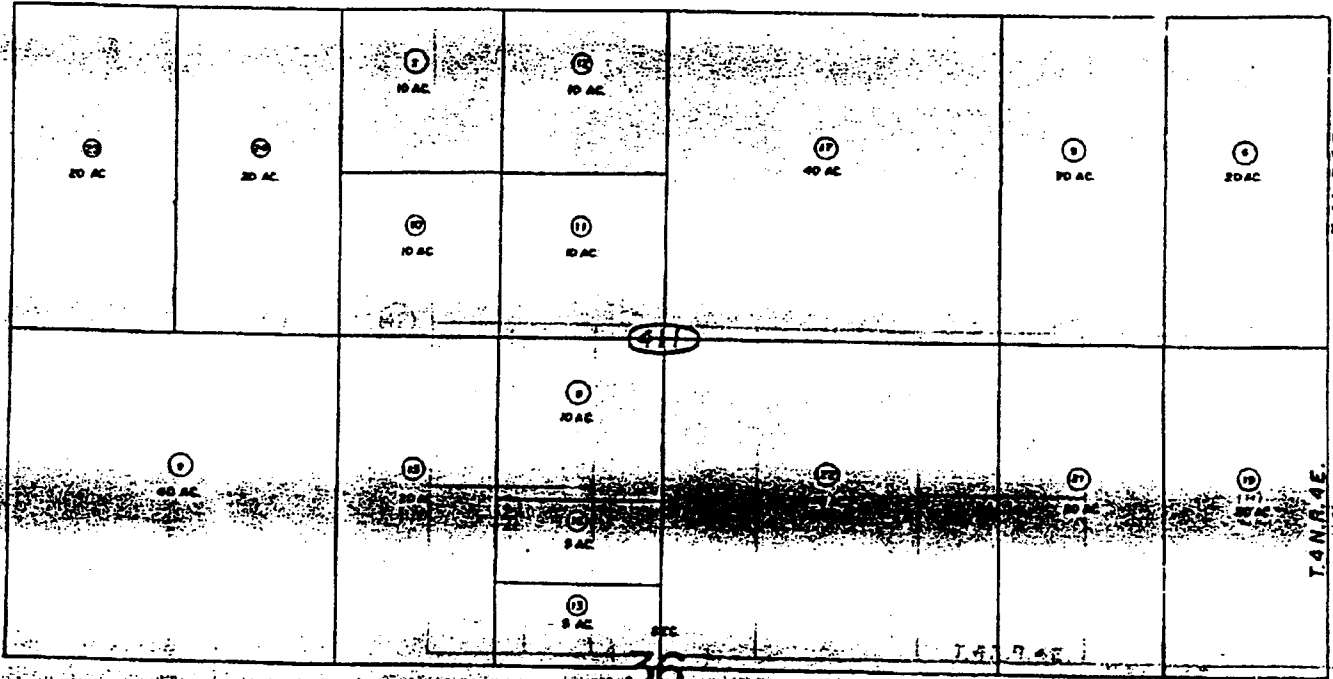
FOR DIVERS EXISTING DISPOSAL OR USE OF
UNIDENTIFIED LANDS REFER TO INDEX OF
ANCESTRAL DOCUMENTS



N 1/2 Sec. 36, T.4N. R.4E. S.B. 88M

Lucerne Valley Union 454-41
Tax Rate Area
88002

G-4



Apr. 1998

Assessor's Map
Book 454, Page 41
San Bernardino County

REVISED
3/20/00
7/11/10
1 20 01 04

0454-391-50

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SAN BERNARDINO COUNTY PARCEL LIST BY PARCEL NUMBER

PARCEL	OWNER(S) MAILING ADDRESS SITUS ADDRESS PROPERTY DESCRIPTION	PHONE ZIP PROPERTY TYPE LEGAL DESCRIPTION	TRACT	USE CODE YS LOT	HT/AC PARK POOL	BR BA AC ST	SQ FT LOT SQ FLOOR ROOF	1996 EDITION		REC DATE DOC NO TRF VAL EX
								1ST TD 2ND TD TAXES FP	LAND VAL IMPR VAL ASSD VL VIEW	
0454-401-17	1117 PATRICK, WANDA H TR & RUBY 937 TANANA PL-COSTA MESA CA --VACANT--	92626 RECREATIONAL E 1/2 NW 1/4 SE 1/4 SEC 36 TP 4N R 4E EX PML RTS A		000			70.00A	16	1,322	09/21/92 388493 NOSTRAN
0454-401-18	RAYMOND, ELDRED A 4157 BUDLONG AVE-LOS ANGELES CA --VACANT--	90037 RECREATIONAL SW 1/4 SE 1/4 SEC 36 TP 4N R 4E EX PML RTS AS RESE		000			40.02A	28	2,358	NOSTRAN
0454-401-20	RIOCH, GEORGE PO BOX 113-LUCERNE VALLEY CA --RECREATION CABIN--	92356 RECREATIONAL SE 1/4 SE 1/4 SEC 36 TP 4N R 4E EX PML RTS AS RESE		000 1991	AIR GARAGE	2 1.00 4	896 40.01A	226	14,879 2,940 19,839	08/12/95 344339 20,000F
0454-401-21	MC NEIL, JOAN W & KEITH O 16230 VAN BUREN BLVD-RIVERSIDE CA --VACANT--	92504 RECREATIONAL NE 1/4 SE 1/4 SEC 36 TP 4N R 4E EX PML RTS AS RESE		000			40.02A	28	2,358	03/16/95 79985 NOSTRAN
0454-401-22	HARRIS, WILLIAM J TR & WILLIAM J 25383 ALD AVE-MENET CA --VACANT--	92544 RECREATIONAL E 264 FT S 1/2 S 1/2 W 1/2 SW 1/4 SW 1/4 SEC 36 TP		000			2.00A	15	1,218	06/11/90 228057 NOSTRAN
0454-401-23	DAVIS, RICHARD E TR 424 S 1ST ST-ALHAMBRA CA --VACANT--	91801 RECREATIONAL S 1/2 S 1/2 W 1/2 SW 1/4 SW 1/4 SEC 36 TP 4N R 4E		000			3.00A	8	389	11/24/92 487251 NOSTRAN
0454-411-02	R J R HOLDINGS I PO BOX 2209-NEWPORT BEACH CA --VACANT--	92659 RECREATIONAL NW 1/4 NE 1/4 NW 1/4 SEC 36 TP 4N R 4E EX PML RTS		000			10.00A	42	3,542	08/11/93 344130 3,500F
0454-411-05	HARKISS, S H 6723 HILLSIDE LN-WHITTIER CA --VACANT--	90602 RECREATIONAL W 1/2 NE 1/4 NE 1/4 SEC 36 TP 4N R 4E EX PML RTS A		000			20.00A	16	1,322	NOSTRAN
0454-411-06	MC KELLY, CHARLES J 281 AVENIDA CARREL-LAGUNA HILLS CA --VACANT--	92653 RECREATIONAL E 1/2 NE 1/4 NE 1/4 SEC 36 TP 4N R 4E EX PML RTS A		000			20.00A	16	1,322	NOSTRAN
0454-411-08	ALVARADO, RUBEN 626 N MACAMB DR-NOGALES AZ --VACANT--	85621 RECREATIONAL NE 1/4 SE 1/4 NW 1/4 SEC 36 TP 4N R 4E EX PML RTS		000			10.00A	8	623	NOSTRAN
0454-411-09	DAVE, A RICHARD 26 ARCADIA TER-SANTA MONICA CA --VACANT--	90401 RECREATIONAL SW 1/4 NW 1/4 SEC 36 TP 4N R 4E EX PML RTS AS RESE		000			40.00A	189	16,525	01/13/96 11057 6,000F

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SAN BERNARDINO COUNTY PARCEL LIST BY PARCEL NUMBER

PARCEL	OWNER(S) MAILING ADDRESS SITUS ADDRESS PROPERTY DESCRIPTION	PHONE ZIP PROPERTY TYPE LEGAL DESCRIPTION	TRACT	USE CODE YS LOT	HT/AC PARK POOL	BR BA AC ST	SQ FT LOT SQ FLOOR ROOF	1996 EDITION		REC DATE DOC NO TRF VAL EX
								1ST TD 2ND TD TAXES FP	LAND VAL IMPR VAL ASSD VL VIEW	
0454-411-10	LEWIS, EARLE B 5777 LANIER DR-BATON ROUGE LA --VACANT--	70812 RECREATIONAL SW 1/4 NE 1/4 NW 1/4 SEC 36 TP 4N R 4E EX PML RTS		000			10.00A	8	623	NOSTRAN
0454-411-11	RYLA, MARIA L 23635 GOLDER SPRINGS DR #01-DIAMOND BAR CA --VACANT--	91765 RECREATIONAL SE 1/4 NE 1/4 NW 1/4 SEC 36 TP 4N R 4E EX PML RTS		000			10.00A	46	3,965	NOSTRAN
0454-411-12	WILLIAM F SCHAFER CONSTRUCTION 3480 COSWELL RD-EL MONTE CA --VACANT--	91732 RECREATIONAL NE 1/8 NE 1/4 NW 1/4 SEC 36 TP 4N R 4E EX PML RTS		000			10.00A	8	623	NOSTRAN

0454-411-08	MC KELLY, GONZALES J 281 AVENIDA CAMPESANAS HILLS CA	92653 RECREATIONAL E 1/2 NE 1/4 NE 1/4 SEC 36 TP 4N R 4E EX MIN RTS A	000	20.00A	16	1,322	NOSTRAM
0454-411-09	ALVARADO, RUBEN 426 N PACIFIC DR-ROSALES AZ	35621 RECREATIONAL NE 1/4 SE 1/4 NW 1/4 SEC 36 TP 4N R 4E EX MIN RTS	000	10.00A	8	623	NOSTRAM
0454-411-09	BAGG, A RICHARD 28 ARCADIA TER-SANTA MONICA CA	90401 RECREATIONAL SW 1/4 NW 1/4 SEC 36 TP 4N R 4E EX MIN RTS AS RESE	000	40.00A	189	16,525	07/15/90 11057 6,000P

0454-401-17

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1996 EDITION

PARCEL	OWNER(S) MAILING ADDRESS SITE ADDRESS PROPERTY DESCRIPTION	PHONE ZIP PROPERTY TYPE LEGAL DESCRIPTION	TRACT	USE CODE YB LOT	HT/AC PARK POOL	BR BA RC ST	SQ FT LOT SZ RUM ROOF	1ST TD 2ND TD TAKES FP	LAND VAL IMPR VAL ASSD VL VIEW	REC DATE DOC NO TFR VAL EX
0454-411-10	CANNON, SAMUEL O 5777 LAUREL DR-BATON ROUGE LA	70812 RECREATIONAL SW 1/4 NE 1/4 NW 1/4 SEC 36 TP 4N R 4E EX MIN RTS	000	10.00A			8	623	NOSTRAM	
0454-411-11	AYALA, MARIA L 23435 GOLDEN SPRINGS DR-ANTI-DIAMOND BAR CA	91765 RECREATIONAL SE 1/4 NE 1/4 NW 1/4 SEC 36 TP 4N R 4E EX MIN RTS	000	10.00A			46	3,965	NOSTRAM	
0454-411-12	WILLIAM F SCHWEN CONSTRUCTION 3440 CORDELL RD-EL MONTE CA	91732 RECREATIONAL NE 1/4 NE 1/4 NW 1/4 SEC 36 TP 4N R 4E EX MIN RTS	000	10.00A			8	623	NOSTRAM	
0454-411-13	MOON, MICHAEL 10728 30TH ST-PIRRA LOMA CA	91752 RECREATIONAL S 1/2 SE 1/4 SE 1/4 NW 1/4 SEC 36 TP 4N R 4E EX MI	000	5.00A			50	5,060	04/25/94 18099E 2,000P	
0454-411-15	GILLESPIE, ROBERT W/FISHER, GABRIEL 57933 SAN MICHAELS RD-YUCCA VALLEY CA	619-228-1068 92284 RECREATIONAL W 1/2 SE 1/4 NW 1/4 SEC 36 TP 4N R 4E EX PML RTS A	000	20.00A			16	1,322	NOSTRAM	
0454-411-16	ENEMALER, FRED C OR RUBY C 3050 N 175-ORDEN UT	84414 RECREATIONAL N 1/2 SE 1/4 SE 1/4 NW 1/4 SEC 36 TP 4N R 4E EX PML	000	5.00A			5	364	NOSTRAM	
0454-411-17	CHALLIPA, PAUL E RUBY 3034 BURTON AVE-ROSEHEAD CA	91770 RECREATIONAL NW 1/4 NE 1/4 SEC 36 TP 4N R 4E EX PML RTS AS RESE	000	40.00A			28	2,358	NOSTRAM	
0454-411-18	HAZEL, LEO J & PATSY L 52828 PISTACHIO RD-LANDERS CA 52828 PISTACHIO RD-LANDERS CA MOBILE HOME OUTSIDE PARK (FEE)	92285 RECREATIONAL E 1/2 SE 1/4 NE 1/4 SEC 36 TP 4N R 4E EX PML RTS A	518 1980	20.00A		3	1,248 20,000	463	10,372 30,834 41,208	NOSTRAM H
0454-411-21	RICH, GEORGE 8165 BARNES RD-LANDERS CA	92285 RECREATIONAL W 1/2 SE 1/4 NE 1/4 SEC 36 TP 4N R 4E EX PML RTS A	000	20.00A			92	10,000	07/18/95 247000 12,000	
0454-411-22	BELLICCI, JERRY I 11948 LOGER ARLISA RD-EL MONTE CA	91732 RECREATIONAL SW 1/4 NE 1/4 SEC 36 TP 4N R 4E EX PML RTS AS RESE	000	40.00A			28	2,358	NOSTRAM	
0454-411-23	BURCHER, MARIONTE F REVOCABLE 1954 HIGHLAND OAKS DR-ARCADIA CA	91006 RECREATIONAL W 1/2 NW 1/4 NW 1/4 SEC 36 T 4N R 4E EX MIN RTS AS	000				67	5,775	NOSTRAM	

0454-411-10

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PARCEL	OWNER(S) MAILING ADDRESS SITE ADDRESS PROPERTY DESCRIPTION	PHONE ZIP PROPERTY TYPE LEGAL DESCRIPTION	TRACT	USE CODE YB LOT	HT/AC PARK POOL	BR BA RC ST	SQ FT LOT SZ RUM ROOF	1ST TD 2ND TD TAKES FP	LAND VAL IMPR VAL ASSD VL VIEW	REC DATE DOC NO TFR VAL EX
0454-411-24	DEATCH, ERMA L ETAL/SCHMIDT, JERRY H 760-PIRRA MADRE CA	91024		20.00A			67	5,775	05/09/90 182809	

0454-411-10	CANNON, SARIEL D 5777 LANGER DR-BAYTON ROUGE LA ---VACANT---	70812 RECREATIONAL SW 1/4 NE 1/4 NW 1/4 SEC 36 TP 4N R 4E EX MIN RTS	000	10.00A	8	623	NOSTRAN
0454-411-11	AYALA, MARIA L 23635 GOLDER SPRINGS DR UNIT-DIAMOND BAR CA ---VACANT---	91765 RECREATIONAL SE 1/4 NE 1/4 NW 1/4 SEC 36 TP 4N R 4E EX MIN RTS	000	10.00A	46	3,965	NOSTRAN
0454-411-12	WILLIAM F SCOVER CONSTRUCTION 3618 CORDWELL RD-EL MONTE CA ---VACANT---	91732 RECREATIONAL NE 1/4 NE 1/4 NW 1/4 SEC 36 TP 4N R 4E EX MIN RTS	000	10.00A	8	623	NOSTRAN
0454-411-13	HOCH, MICHAEL 10728 90TH ST-VICERA LOMA CA ---VACANT---	91752 RECREATIONAL S 1/2 SE 1/4 SE 1/4 NW 1/4 SEC 36 TP 4N R 4E EX MIN	000	5.00A	50	5,060 180712 2,000	NOSTRAN
0454-411-15	GILLESPIE, ROBERT W/FISHER, GABRIEL 57933 SAN ROBEAS RD-YUCA VALLEY CA ---VACANT---	619-228-1068 92284 RECREATIONAL W 1/2 SE 1/4 NW 1/4 SEC 36 TP 4N R 4E EX MIN RTS A	000	20.00A	16	1,322	NOSTRAN
0454-411-16	ENZEMLER, FRED C OR RUBY C 3050 N 175-ODDEN UT ---VACANT---	84474 RECREATIONAL N 1/2 SE 1/4 SE 1/4 NW 1/4 SEC 36 TP 4N R 4E EX MIN	000	5.00A	5	364	NOSTRAN
0454-411-17	CHALLUPA, PAUL E RUBY 3034 BURTON AVE-ROSEHEAD CA ---VACANT---	91770 RECREATIONAL NW 1/4 NE 1/4 SEC 36 TP 4N R 4E EX MIN RTS AS RES	000	40.00A	28	2,358	NOSTRAN
0454-411-19	HAZER, LEN D & PAUL L 52828 PISTACHIO RD-LANDERS CA 52828 PISTACHIO RD-LANDERS ---MOBILE HOME OUTSIDE PARK (FREE)---	92285 RECREATIONAL E 1/2 SE 1/4 NE 1/4 SEC 36 TP 4N R 4E EX MIN RTS A	518 1980	1,200 20.00A	463	10,372 30,834 41,206	NOSTRAN N
0454-411-21	WICH, GEORGE 8165 BARNES RD-LANDERS CA ---VACANT---	92285 RECREATIONAL W 1/2 SE 1/4 NE 1/4 SEC 36 TP 4N R 4E EX MIN RTS A	000	20.00A	10,000 92	10,000 10,000	07/19/95 247000 12,000
0454-411-22	BELLICCI, MARY J 11948 LOWER ALBURA RD-EL MONTE CA ---VACANT---	91732 RECREATIONAL SW 1/4 NE 1/4 SEC 36 TP 4N R 4E EX MIN RTS AS RES	000	40.00A	28	2,358	NOSTRAN
0454-411-23	BURBACHER, MARJORIE F REVOCABLE 1954 HIGHLAND OAKS DR-ARCADIA CA ---VACANT---	91006 RECREATIONAL W 1/2 NW 1/4 NW 1/4 SEC 36 T 4N R 4E EX MIN RTS AS	000		67	5,775	NOSTRAN

0454-411-10

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SAN BERNARDINO COUNTY PARCEL LIST BY PARCEL NUMBER										1996 EDITION	
PARCEL	OWNER(S) MAILING ADDRESS SITE ADDRESS PROPERTY DESCRIPTION	PHONE ZIP PROPERTY TYPE	TRACT	USE CODE TR LOT	HT/AC PARK POOL	BR BA RC ST	SB FT LOT SZ BLN ROOF	1ST TB 2ND TB TAKES FP	LAND VAL IMPR VAL ASB VAL VIEW	REC DATE DOC NO TFR VAL EX	
0454-411-24	DEATON, EMMA L ETAL/SCHMIDT, MARY H 410 GATEWOOD TER-SIERRA MADRE CA ---VACANT---	91024 RECREATIONAL		000			20.00A	67	5,775	05/09/90 182809 NOSTRAN	
0454-421-02	GOVERNMENT LAND FILE- ---VACANT---			000						NOSTRAN	

Ordnance and Explosive Project
Archives Search Report
for
FORMER VICTORVILLE PRECISION
BOMBING RANGE (PBR) Y
VICTORVILLE, CALIFORNIA
PROJECT NUMBER J09CA069501

APPENDIX H

NEWSPAPERS/JOURNALS

NOT USED

Ordnance and Explosive Project
Archives Search Report
for
FORMER VICTORVILLE PRECISION
BOMBING RANGE (PBR) Y
VICTORVILLE, CALIFORNIA
PROJECT NUMBER J09CA069501

APPENDIX I

INTERVIEWS

APPENDIX I

Interviews

Table of Contents

- I-1. Interview of Mr. Edward Laska Sr.
- I-2. Interview of Mr. Wayne Fowlie
- I-3. Interview of Mr. Edward Laska Jr.
- I-4. Interview of Mr. Dick Whitbeck
- I-5. Interview of Mr. Arnie Marks; Mr. Timothy Collister Sr.; Mr. Ronald Robinson and Mr. Francis Guidi
- I-6. Interview of SFC Marshall White
- I-7. Interview of California Highway Patrol
- I-8. Interview of San Bernardino County Sheriff
- I-9. Interview of Mr. Barry Nelson

CONVERSATION RECORD	TIME	DATE 20 APRIL 1996
----------------------------	-------------	------------------------------

TYPE

VISIT CONFERENCE

<input type="checkbox"/>	TELEPHONE
<input type="checkbox"/>	INCOMING
<input type="checkbox"/>	OUTGOING

NAME OF PERSON CONTACTED: Edward Laska Sr.	ORGANIZATION: Private Individual	TELEPHONE NO. (619)242-5746
---	--	--------------------------------

SUBJECT: Victorville Precision Bombing Range

SUMMARY:

Mr. Edward Laska was stationed at Victorville in 1943-1945. He was involved in the tear down and preservation of aircraft. He stated that he new of the bombing ranges located around Victorville but did not know of their exact location nor the exact purpose of each target. When asked specifically about Precision Bombing Range Y, Bombing Targets 1 and 13, he did not know any details about any of the targets.

Mr. Laska was familiar with present day active ranges located in the Cuttieback region. This is the area that is used by the Marine Corps at Twenty Nine Palms, California.

Mr. Laska had no knowledge of any ammunition items that might have been found on the subject targets nor did he know what type of munitions might have been used on the targets.

ACTION REQUIRED:

ACTION TAKEN:

NAME OF PERSON DOCUMENTING CONVERSATION Charles Holcombe	ORGANIZATION CENCR-ED-DO	TELEPHONE NUMBER 309-794-6009
SIGNATURE <i>Charles Holcombe</i>	TITLE QASAS	DATE 19 Sep 96

CONVERSATION RECORD	TIME	DATE 19 April 1996
----------------------------	-------------	------------------------------

TYPE		
<input checked="" type="checkbox"/> VISIT	<input type="checkbox"/> CONFERENCE	<input type="checkbox"/> TELEPHONE
		<input type="checkbox"/> INCOMING
		<input type="checkbox"/> OUTGOING

NAME OF PERSON CONTACTED: Wayne Fowlie	ORGANIZATION: Private Individual	TELEPHONE NO. (619) 240-2111
--	---	--

SUBJECT: Victorville Precision Bombing Range

SUMMARY:

Mr. Wayne Fowlie was not involved with the Ranges and targets associated with Victorville. He had no knowledge of PBR Y, Target #1 or #13.

Mr. Fowlie was a rocket engineer working at China Lake. He was involved with the (Tiny Tim) rocket.

Mr. Fowlie knew of no ammunition items, demolition ranges, or targets that was relevant to this investigation.

ACTION REQUIRED:

ACTION TAKEN:

NAME OF PERSON DOCUMENTING CONVERSATION Charles Holcombe	ORGANIZATION CENCR-ED-DO	TELEPHONE NUMBER 309-794-6009
SIGNATURE <i>Charles Holcombe</i>	TITLE QASAS	DATE 19 Sep 96

CONVERSATION RECORD	TIME	DATE 20 April 1996
----------------------------	-------------	------------------------------

TYPE

VISIT CONFERENCE

<input checked="" type="checkbox"/>	TELEPHONE
	INCOMING
<input checked="" type="checkbox"/>	OUTGOING

NAME OF PERSON CONTACTED: Edward Laska Jr.	ORGANIZATION: Private Individual	TELEPHONE NO. 1-619-242-4957
---	-------------------------------------	---------------------------------

SUBJECT: Victorville Precision Bombing Range

SUMMARY:

Mr. Edward Laska Jr. is a retired Air Force pilot that had flown over and used some of the bombing ranges around Victorville. Mr. Laska had no knowledge of Precision Bombing Range "Y". He was only knowledgeable of the more current and active ranges used today i.e., Cuttyback and Leach Lake Bombing Ranges.

ACTION REQUIRED:

ACTION TAKEN:

NAME OF PERSON DOCUMENTING CONVERSATION Charles Holcombe	ORGANIZATION CENCR-ED-DO	TELEPHONE NUMBER 309-794-6009
SIGNATURE <i>Charles Holcombe</i>	TITLE QASAS	DATE 19 Sep 96

CONVERSATION RECORD	TIME 0805	DATE 29 April 1996
----------------------------	---------------------	------------------------------

TYPE

VISIT CONFERENCE

<input checked="" type="checkbox"/>	TELEPHONE
<input type="checkbox"/>	INCOMING
<input checked="" type="checkbox"/>	OUTGOING

NAME OF PERSON CONTACTED: Dick Whitbeck	ORGANIZATION:	TELEPHONE NO. 1-619-386-2127
--	---------------	---------------------------------

SUBJECT: Victorville Precision Bombing Range

SUMMARY:

Mr. Dick Whitbeck is a retired Air Force Explosive Ordnance Disposal Technician. He retired in 1988 and is presently working the ranges at Fort Irwin, California. He performed the INPR investigation of PBR "Y" for the Los Angeles District Corps of Engineers.

Mr. Whitbeck found during his search: pits, craters, entry holes, bomb fragments, fuzes, M38A2 sand filled practice bombs, and trenches. Mr. Whitbeck did not find any live munition items at PBR "Y". He only performed a surface search and did not conduct a subsurface search.

ACTION REQUIRED:

ACTION TAKEN:

NAME OF PERSON DOCUMENTING CONVERSATION Charles Holcombe	ORGANIZATION CENCR-ED-DO	TELEPHONE NUMBER 309-794-6009
SIGNATURE <i>Charles Holcombe</i>	TITLE QASAS	DATE 19 Sep 96

CONVERSATION RECORD	TIME Various	DATE Various
----------------------------	------------------------	------------------------

TYPE

VISIT

CONFERENCE

<input checked="" type="checkbox"/>	TELEPHONE
	INCOMING
<input checked="" type="checkbox"/>	OUTGOING

NAME OF PERSON CONTACTED:
SEE BELOW

ORGANIZATION:

TELEPHONE NO.
SEE BELOW

SUBJECT: Victorville Precision Bombing Range

SUMMARY:

The individuals listed below are EOD personnel who have retired around Victorville. They were stationed at George AFB when they retired. They all worked the active ranges of George AFB, but none had any knowledge of PBR "Y". They were not aware of it's existence.

NAME	RETIRED	TELEPHONE
Arnie Marks	1985	1-619-241-5683
Timothy Collister Sr.	1986	1-619-241-6022
Ronald Robinson	1972	1-619-247-2730
Francis Guidi	1987	1-909-874-3523

ACTION REQUIRED:

ACTION TAKEN:

NAME OF PERSON DOCUMENTING CONVERSATION Charles Holcombe	ORGANIZATION CENCR-ED-DO	TELEPHONE NUMBER 309-794-6009
SIGNATURE <i>Charles Holcombe</i>	TITLE QASAS	DATE 19 Sep 96

CONVERSATION RECORD	TIME 1100	DATE 18 April 1996
----------------------------	---------------------	------------------------------

TYPE

VISIT CONFERENCE

TELEPHONE
 INCOMING
 OUTGOING

NAME OF PERSON CONTACTED: SFC Marshall White	ORGANIZATION: 259 th EOD	1-619-380-4092
--	---	----------------

SUBJECT: Victorville Precision Bombing Range

SUMMARY:

SFC White did not have any information on PBR "Y". He stated that the unit did not have any records or organizational memory of calls to the area. SFC White stated this same information to the historical research team previously.

ACTION REQUIRED:

ACTION TAKEN:

NAME OF PERSON DOCUMENTING CONVERSATION Charles Holcombe	ORGANIZATION CENCR-ED-DO	TELEPHONE NUMBER 309-794-6009
SIGNATURE <i>Charles Holcombe</i>	TITLE QASAS	DATE 19 Sep 96

CONVERSATION RECORD	TIME 1440	DATE 18 April 1996
----------------------------	---------------------	------------------------------

TYPE

VISIT CONFERENCE

TELEPHONE
INCOMING
OUTGOING

NAME OF PERSON CONTACTED:	ORGANIZATION: California Highway Patrol Office	TELEPHONE NO.
----------------------------------	---	----------------------

SUBJECT: Victorville Precision Bombing Range

SUMMARY:

A representative of the California Highway Patrol (CPH) at Victorville spoke with the SI team and stated that the CPH had never been called or notified of any OE finds at PBR "Y".

ACTION REQUIRED:

ACTION TAKEN:

NAME OF PERSON DOCUMENTING CONVERSATION Charles Holcombe	ORGANIZATION CENCR-ED-DO	TELEPHONE NUMBER 309-794-6009
SIGNATURE <i>Charles Holcombe</i>	TITLE QASAS	DATE 19 Sep 96

CONVERSATION RECORD	TIME 1400	DATE 18 April 1996
----------------------------	---------------------	------------------------------

TYPE

VISIT CONFERENCE

TELEPHONE
INCOMING
OUTGOING

NAME OF PERSON CONTACTED:	ORGANIZATION: San Bernardino Sheriff's Office	TELEPHONE NO. 1-619-241-2911
----------------------------------	--	--

SUBJECT: Victorville Precision Bombing Range

SUMMARY:

A representative of the Sheriff's Office at Victorville spoke with the SI team and stated that the Sheriff's office had never been called or notified of any OE finds at PBR "Y".

ACTION REQUIRED:

ACTION TAKEN:

NAME OF PERSON DOCUMENTING CONVERSATION Charles Holcombe	ORGANIZATION CENCR-ED-DO	TELEPHONE NUMBER 309-794-6009
SIGNATURE <i>Charles Holcombe</i>	TITLE QASAS	DATE 19 Sep 96

CONVERSATION RECORD	TIME 0900	DATE 22 April 1996
----------------------------	---------------------	------------------------------

TYPE

VISIT CONFERENCE

TELEPHONE
INCOMING
OUTGOING

NAME OF PERSON CONTACTED: Barry Nelson	ORGANIZATION: Bureau of Land Management (BLM)	TELEPHONE NO. 1-619-255-8700
--	--	--

SUBJECT: Victorville Precision Bombing Range

SUMMARY:

Mr. Nelson is an employee of the BLM. His area of responsibility includes PBR "Y". He escorted the SI team to the Means Dry Lake area (PBR "Y") and provided current background information. The area is presently used by campers, off road vehicles and shooters. He stated that he knew of no notification to the offices of the BLM of any OE discoveries in or around PBR "Y".

ACTION REQUIRED:

ACTION TAKEN:

NAME OF PERSON DOCUMENTING CONVERSATION Charles Holcombe	ORGANIZATION CENCR-ED-DO	TELEPHONE NUMBER 309-794-6009
SIGNATURE <i>Charles Holcombe</i>	TITLE QASAS	DATE 19 Sep 96

Ordnance and Explosive Project
Archives Search Report
for
FORMER VICTORVILLE PRECISION
BOMBING RANGE (PBR) Y
VICTORVILLE, CALIFORNIA
PROJECT NUMBER J09CA069501

APPENDIX J

PRESENT SITE PHOTOGRAPHS

APPENDIX J
PRESENT SITE PHOTOGRAPHS

Table of Contents

- J-1. View Looking Northeast toward Means Dry Lake
- J-2. View Looking East across the Northern portion of Means Dry Lake, notice drive through Trench
- J-3. View of Fuze, possible M112 Series
- J-4. View Looking West Northwest at Means Well
- J-5. View of Bomb crater, and vehicle tracks
- J-6. View of Bomb crater, East of center of Lake bed
- J-7. View of Practice Bomb M38A2
- J-8. View of Van Cup for Tail Fuze
- J-9. View of Base Plate of 100 LB bomb, and commercial 12 gauge shotgun shell
- J-10. View Looking Northwest across Means Dry Lake



J-1. Looking Northeast toward Means Dry Lake



J-2. Looking East across the Northern portion of Means Dry Lake, notice drive through Trench



J-3. Fuze, possible M112 Series



J-4. Looking West Northwest at Means Well



J-5. Bomb crater, approximately 20 feet across,
Notice vehicle tracks



J-6. Bomb crater, East of center of Lake bed



J-7. Practice Bomb M38A



J-8. Van Cup for Tail Fuze



J-9. Base Plate of 100 LB bomb, commercial
12 gauge shotgun shell



J-10. Looking Northwest across Means Dry Lake

Ordnance and Explosive Project
Archives Search Report
for
FORMER VICTORVILLE PRECISION
BOMBING RANGE (PBR) Y
VICTORVILLE, CALIFORNIA
PROJECT NUMBER J09CA069501

APPENDIX K

HISTORICAL PHOTOGRAPHS

APPENDIX K
HISTORICAL PHOTOGRAPHS

Table of contents

- K-1. Photographs of Means Dry Lake, dated 1988 (B-41).
- K-2. Aerial photograph of Victorville PBR "Y", dated 1989 (B-43).

Victorville Precision Bombing Range Y, Barstow, California
Project No. J09CA069500



Photo No. 1 Date: 11/14/88 Direction Facing: East
Picture Description: Southwest corner



Photo No. 2 Date: 11/14/88 Direction Facing: South
Picture Description: Southwest corner

Victorville Precision Bombing Range Y, Barstow, California
Project No. J09CA069500



Photo No. 3 Date: 11/14/88 Direction Facing: West
Picture Description: Southwest corner



Photo No. 4 Date: 11/14/88 Direction Facing: North
Picture Description: Southwest corner

Victorville Precision Bombing Range Y, Barstow, California
Project No. J09CA069500



Photo No. 5 Date: 11/14/88 Direction Facing: East
Picture Description: Bomb crater



Photo No. 6 Date: 11/14/88 Direction Facing: Southwest
Picture Description: Craters in Means Lake (dry)

Victorville Precision Bombing Range Y, Barstow, California
Project No. J09CA069500



Photo No. 7 Date: 11/14/88 Direction Facing: North
Picture Description: Campfire ring



Photo No. 8 Date: 11/14/88 Direction Facing: North
Picture Description: Trash on lakebed

Victorville Precision Bombing Range Y, Barstow, California
Project No. J09CA069500



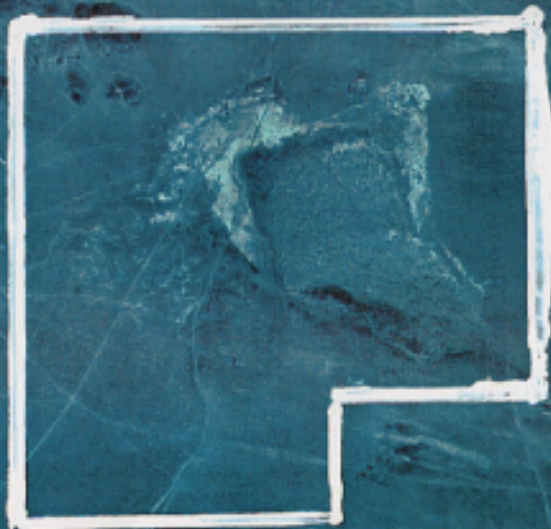
Photo No. 9 Date: 11/14/88 Direction Facing: South
Picture Description: Means Lake (dry)



Photo No. 10 Date: 11/14/88 Direction Facing: East
Picture Description: BLM sign at Means Lake

1837-053

8-16-89



PBR "Y" → Z

K-2

Ordnance and Explosive Project
Archives Search Report
for
FORMER VICTORVILLE PRECISION
BOMBING RANGE (PBR) Y
VICTORVILLE, CALIFORNIA
PROJECT NUMBER J09CA069501

APPENDIX L

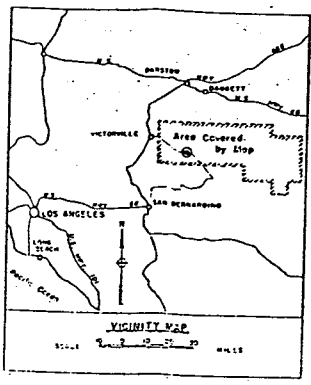
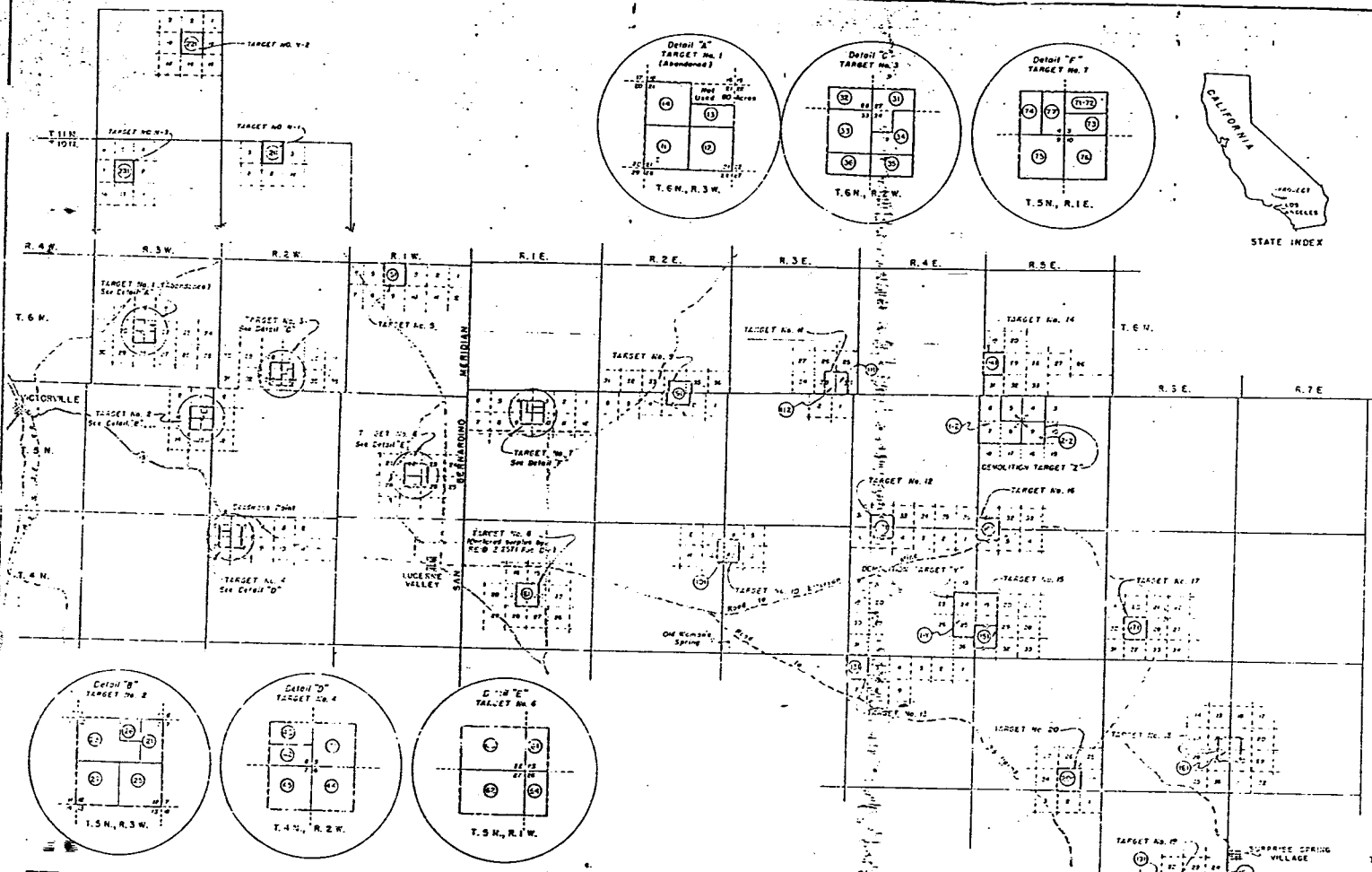
REFERENCE MAPS/DRAWINGS

APPENDIX L

Reference Maps/Drawings

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L-1. Map, Bombing Range, Victorville Army Air Field (B-42).



FINAL PROJECT OWNERSHIP MAP

STATE CALIFORNIA
 COUNTY SAN BERNARDINO
 DIVISION PACIFIC
 DISTRICT LOS ANGELES
 SERVICE COMMAND NINTH
 USING AGENCY 5-55 MILES E. OF VICTORYVILLE
18-45 MILES S. OF BARSTOW

— TRANSPORTATION FACILITIES —
 A., T. & S.F. — RAILROAD
 13 — STATE ROAD
 66 — FEDERAL ROAD
 — AIRLINE

— LAND AREA —
 ACRES OWNED BY W.D. _____
 ACRES LEASED BY W.D. _____
 ACRES LEASED FROM W.D. _____
 ACRES TRANSFERRED TO W.D. _____
 ACRES DONATED TO W.D. _____

— DISPOSALS —
 ACRES SOLD _____
 ACRES TRANSFERRED _____
 ACRES EXCHANGED _____
 ACRES OTHERWISE _____

— LEGEND —

BOUNDARY LINE — [Symbol]
 STATE OR PROVINCE LINE — [Symbol]
 COUNTY LINE — [Symbol]
 CIVIL DISTRICT PRECINCT — [Symbol]
 LAND-GRANT LINE — [Symbol]
 CITY, VILLAGE OR BOROUGH — [Symbol]
 CEMETERY, SMALL PARK, ETC. — [Symbol]
 TOWNSHIP LINE — [Symbol]
 SECTION LINE — [Symbol]

Scale
 1 inch = 2 1/2 miles

WAR DEPARTMENT, O.C.E.
 CONSTRUCTION DIVISION
REAL ESTATE
VICTORYVILLE ARMY AIR FIELD
BOMBING RANGES
MILITARY RESERVATION

RECOMMENDED: *[Signature]* DATE: 1951.11.15
 APPROVED: *[Signature]* DATE: 1951.11.15

COMPILED: J.G.P. TRACED: J.E.P. CHECKED: *[Signature]*

DATE	BY	REVISIONS	APPROVED

SHEETS 1 OF 1 DRAWING NO. 65-PP-111
 BLOCK B SCHEDULE-B-7

TRACT NO.	VEVGR/LESE/IR	ACREAGE	FEE	RECORD DATA / LEASE NO.	TRACT TARGET NO.	VENDOR / LESSEE	ACREAGE	RECORD DATA / LEASE NO.
1	BARB AYLES	80	80	Public Land Order no. 125 dated 20 May 1943	1	PUBLIC DOMAIN	80	Public Land Order no. 125 dated 20 May 1943
2	LAURENCE W. WILSON	120	120	Public Land Order no. 125 dated 20 May 1943	2	PUBLIC DOMAIN	120	Public Land Order no. 125 dated 20 May 1943
3	ROBERT W. W. SHIELD	80	80	Public Land Order no. 125 dated 20 May 1943	3	PUBLIC DOMAIN	80	Public Land Order no. 125 dated 20 May 1943
4	FRANK J. WALKER	80	80	Public Land Order no. 125 dated 20 May 1943	4	PUBLIC DOMAIN	80	Public Land Order no. 125 dated 20 May 1943
5	PUBLIC DOMAIN	80	80	Public Land Order no. 125 dated 20 May 1943	5	PUBLIC DOMAIN	80	Public Land Order no. 125 dated 20 May 1943
6	WILLIAM BRUCE JOUNG ET UX	240	240	Public Land Order no. 125 dated 20 May 1943	6	PUBLIC DOMAIN	240	Public Land Order no. 125 dated 20 May 1943
7	WILLIAM BRUCE JOUNG ET UX	80	80	Public Land Order no. 125 dated 20 May 1943	7	PUBLIC DOMAIN	80	Public Land Order no. 125 dated 20 May 1943
8	WILLIAM BRUCE JOUNG ET UX	80	80	Public Land Order no. 125 dated 20 May 1943	8	PUBLIC DOMAIN	80	Public Land Order no. 125 dated 20 May 1943
9	WILLIAM BRUCE JOUNG ET UX	80	80	Public Land Order no. 125 dated 20 May 1943	9	PUBLIC DOMAIN	80	Public Land Order no. 125 dated 20 May 1943
10	WILLIAM BRUCE JOUNG ET UX	80	80	Public Land Order no. 125 dated 20 May 1943	10	PUBLIC DOMAIN	80	Public Land Order no. 125 dated 20 May 1943
11	WILLIAM BRUCE JOUNG ET UX	80	80	Public Land Order no. 125 dated 20 May 1943	11	PUBLIC DOMAIN	80	Public Land Order no. 125 dated 20 May 1943
12	WILLIAM BRUCE JOUNG ET UX	80	80	Public Land Order no. 125 dated 20 May 1943	12	PUBLIC DOMAIN	80	Public Land Order no. 125 dated 20 May 1943
13	WILLIAM BRUCE JOUNG ET UX	80	80	Public Land Order no. 125 dated 20 May 1943	13	PUBLIC DOMAIN	80	Public Land Order no. 125 dated 20 May 1943
14	WILLIAM BRUCE JOUNG ET UX	80	80	Public Land Order no. 125 dated 20 May 1943	14	PUBLIC DOMAIN	80	Public Land Order no. 125 dated 20 May 1943
15	WILLIAM BRUCE JOUNG ET UX	80	80	Public Land Order no. 125 dated 20 May 1943	15	PUBLIC DOMAIN	80	Public Land Order no. 125 dated 20 May 1943
16	WILLIAM BRUCE JOUNG ET UX	80	80	Public Land Order no. 125 dated 20 May 1943	16	PUBLIC DOMAIN	80	Public Land Order no. 125 dated 20 May 1943
17	WILLIAM BRUCE JOUNG ET UX	80	80	Public Land Order no. 125 dated 20 May 1943	17	PUBLIC DOMAIN	80	Public Land Order no. 125 dated 20 May 1943
18	WILLIAM BRUCE JOUNG ET UX	80	80	Public Land Order no. 125 dated 20 May 1943	18	PUBLIC DOMAIN	80	Public Land Order no. 125 dated 20 May 1943
19	WILLIAM BRUCE JOUNG ET UX	80	80	Public Land Order no. 125 dated 20 May 1943	19	PUBLIC DOMAIN	80	Public Land Order no. 125 dated 20 May 1943
20	WILLIAM BRUCE JOUNG ET UX	80	80	Public Land Order no. 125 dated 20 May 1943	20	PUBLIC DOMAIN	80	Public Land Order no. 125 dated 20 May 1943

TRANSFER DATA

Without fee for use of War Department subject to hold rights by Public Land Order no. 125 dated 5/20/43

Veid rights - fee acquired by W.D. _____ 2600.00
 section Target no. 1 (state of Nevada) _____ 400.00
 section Target no. 1 (state of Nevada) _____ 80.00
 section Target no. 1 (state of Nevada) _____ 200.00
 section Target no. 1 (state of Nevada) _____ 200.00
 Total of veid rights _____ 3480.00
 Public Domain transferred to W.D. by P.L.O. no. 125 _____ 3480.00
 Public Domain in use - fee record of transfer _____
 Total Public Domain in use by War Department _____

REACTIVE DATA

Directive no. RE-D 1554 dated 11-11-42 to 11-11-42
 RE-D 4199 27 Nov. 1944 amounts above directive nearest title to Tract 61
 at Barstow, Nevada and showing in fee interest a leasehold interest
 RE-D 4199 & order H.L.M. 1943 showing RE-D 1554 as to Tract 31
 increased interest interest of the acquisition.

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 Pacific Southwest Region

Ordnance and Explosive Project
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PROJECT NUMBER J09CA069501

APPENDIX M

ARCHIVE SEARCH REPORT CORRESPONDENCE

NOT USED

Ordnance and Explosive Project
Archives Search Report
for
FORMER VICTORVILLE PRECISION
BOMBING RANGE (PBR) Y
VICTORVILLE, CALIFORNIA
PROJECT NUMBER J09CA069501

APPENDIX N

REPORT DISTRIBUTION LIST

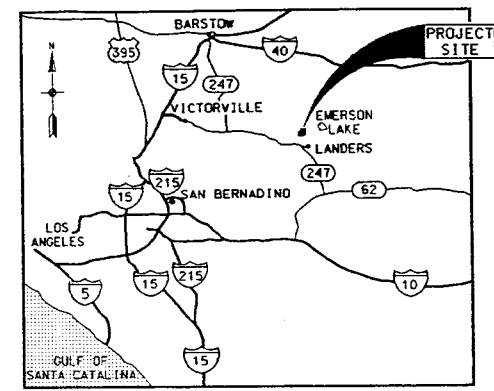
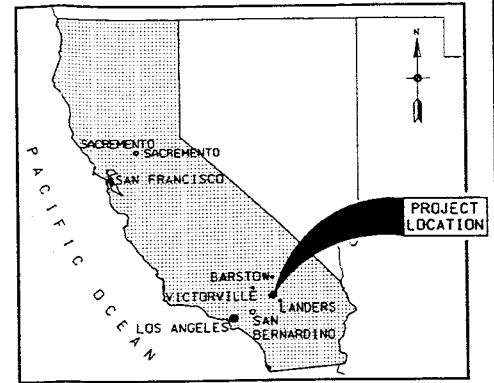
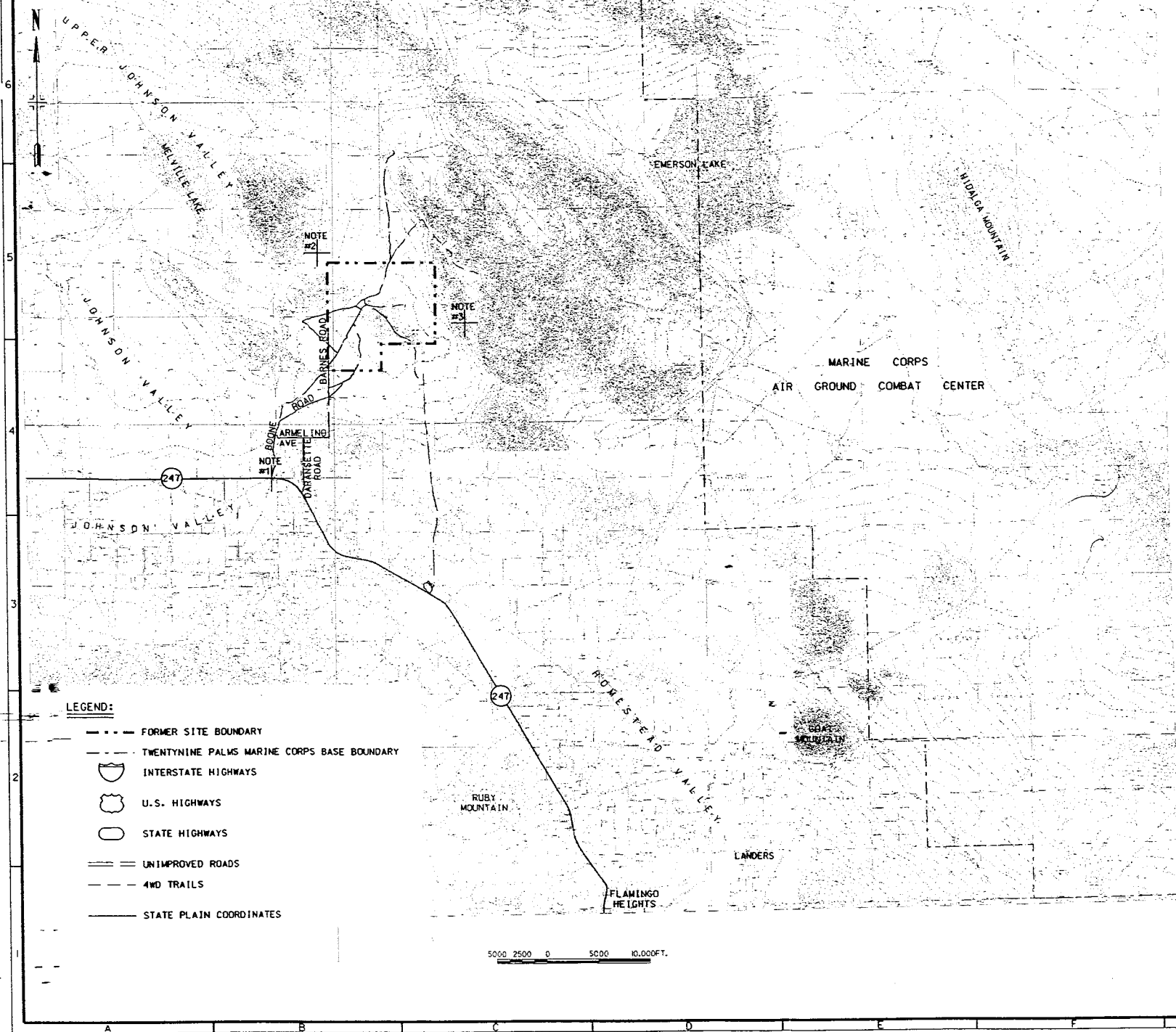
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Commander, U.S. Army Defense Ammunition Center and School, ATTN: SIOAC-ES Savanna, Illinois 61074-9639	1		
Commander, U.S. Army Health Clinic ATTN: MCXP-RIA (Platt) Rock Island Arsenal Rock Island, Illinois 61201	1		
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II - FINDINGS REPORT
III - ROUTED FINAL REPORT

Ordnance and Explosive Project
Archives Search Report
for
FORMER VICTORVILLE PRECISION
BOMBING RANGE (PBR) Y
VICTORVILLE, CALIFORNIA
PROJECT NUMBER J09CA069501

PLATES



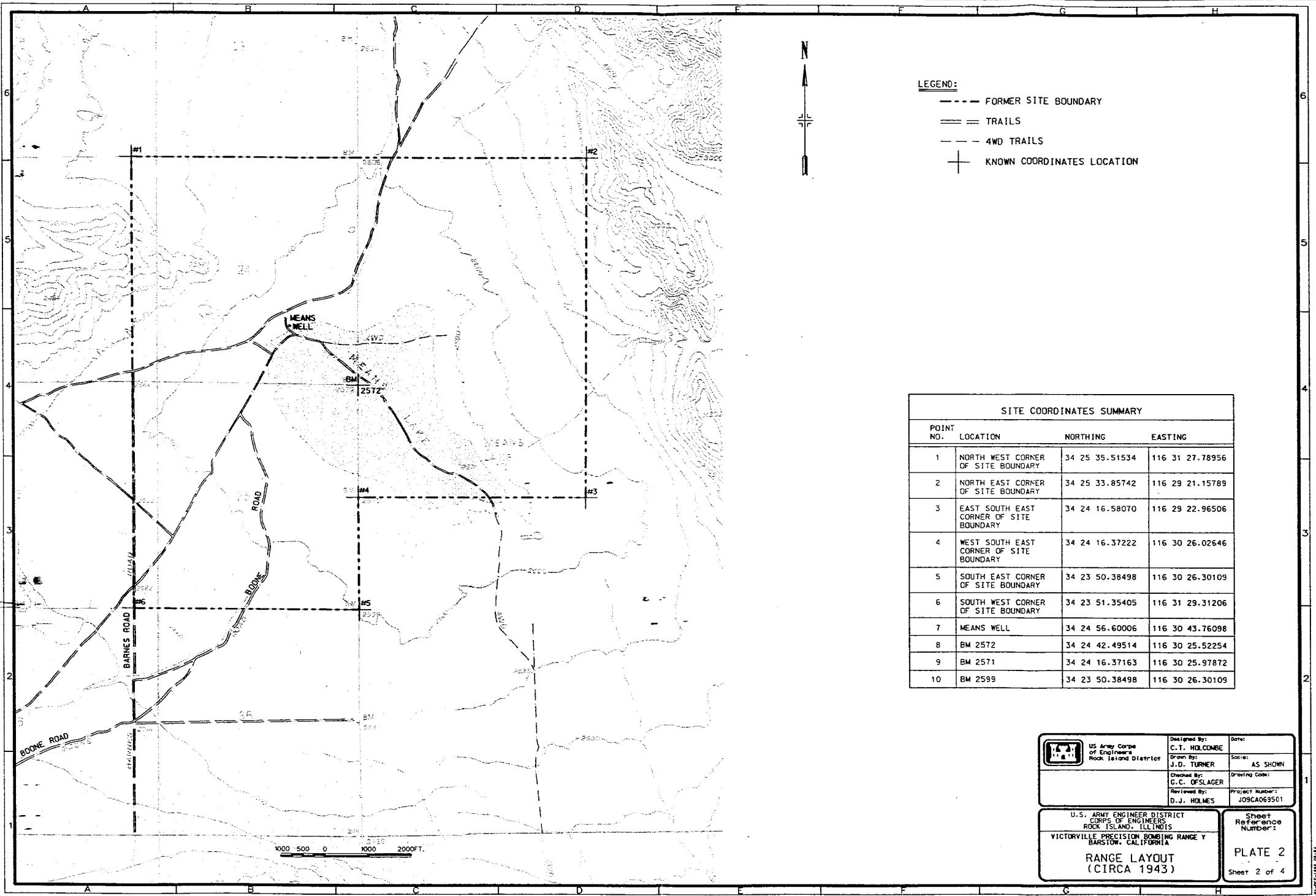
NOTES:

1. STATE PLAIN COORDINATES: 319316N 2439115E
LOCATED AT INTERSECTION OF HWY 247 AND BOONE ROAD.
2. STATE PLAIN COORDINATES: 341387N 2443946E
LOCATED AT TOP OF MOUNTAIN.
3. STATE PLAIN COORDINATES: 334476N 2458412E
LOCATED ON TOP OF MOUNTAIN.

	US Army Corps of Engineers Rock Island District	Designed By: C.T. HOLCOMBE	Date:
		Drawn By: J.D. TURNER	Scale: AS SHOWN
		Checked By: C.C. OFSLAGER	Drawing Code: XXXXX
		Reviewed By: D.J. HOLMES	Solicitation Number: DAK05-87-8-XXXX

U.S. ARMY ENGINEER DISTRICT CORPS OF ENGINEERS ROCK ISLAND, ILLINOIS VICTORVILLE PRECISION BOMBING RANGE Y BARSTOW, CALIFORNIA PROJECT NUMBER: J09CA069501	Sheet Reference Number: PLATE 1 Sheet 1 of
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24-484-108 11/71
 41101
 41101



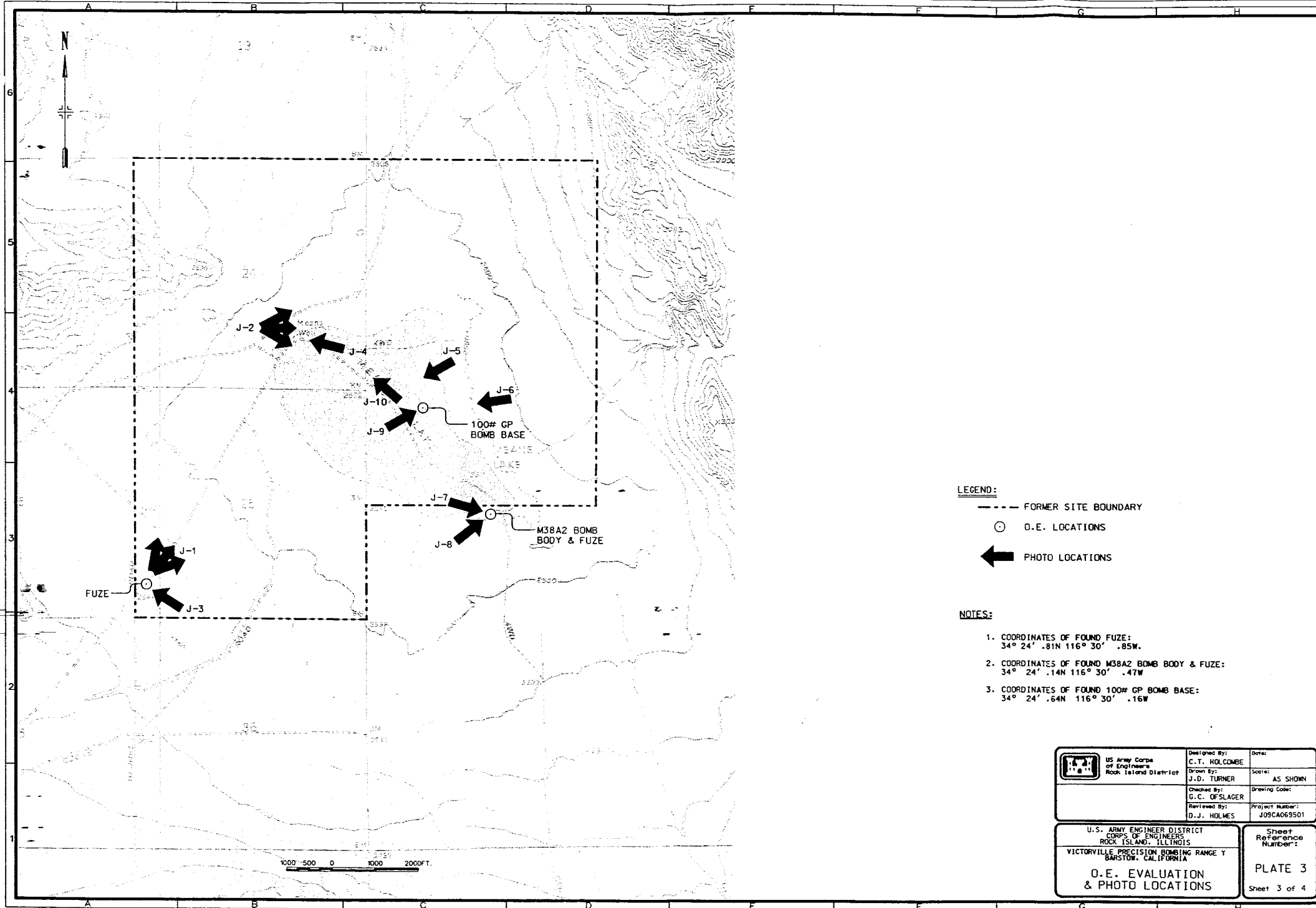
- LEGEND:**
- FORMER SITE BOUNDARY
 - == TRAILS
 - - - 4WD TRAILS
 - + KNOWN COORDINATES LOCATION

SITE COORDINATES SUMMARY			
POINT NO.	LOCATION	NORTHING	EASTING
1	NORTH WEST CORNER OF SITE BOUNDARY	34 25 35.51534	116 31 27.78956
2	NORTH EAST CORNER OF SITE BOUNDARY	34 25 33.85742	116 29 21.15789
3	EAST SOUTH EAST CORNER OF SITE BOUNDARY	34 24 16.58070	116 29 22.96506
4	WEST SOUTH EAST CORNER OF SITE BOUNDARY	34 24 16.37222	116 30 26.02646
5	SOUTH EAST CORNER OF SITE BOUNDARY	34 23 50.38498	116 30 26.30109
6	SOUTH WEST CORNER OF SITE BOUNDARY	34 23 51.35405	116 31 29.31206
7	MEANS WELL	34 24 56.60006	116 30 43.76098
8	BM 2572	34 24 42.49514	116 30 25.52254
9	BM 2571	34 24 16.37163	116 30 25.97872
10	BM 2599	34 23 50.38498	116 30 26.30109

U.S. Army Corps of Engineers Rock Island District	Designed By: C.T. HOLCOMBE	Date:
	Drawn By: J.D. TURNER	Scale: AS SHOWN
	Checked By: G.C. OFSLAGER	Drawing Code:
	Revised By: D.J. HOLMES	Project Number: J09CA069501
U.S. ARMY ENGINEER DISTRICT CORPS OF ENGINEERS ROCK ISLAND, ILLINOIS VICTORVILLE PRECISION BOMBING RANGE Y BARSTOW, CALIFORNIA		Sheet Reference Number: PLATE 2 Sheet 2 of 4



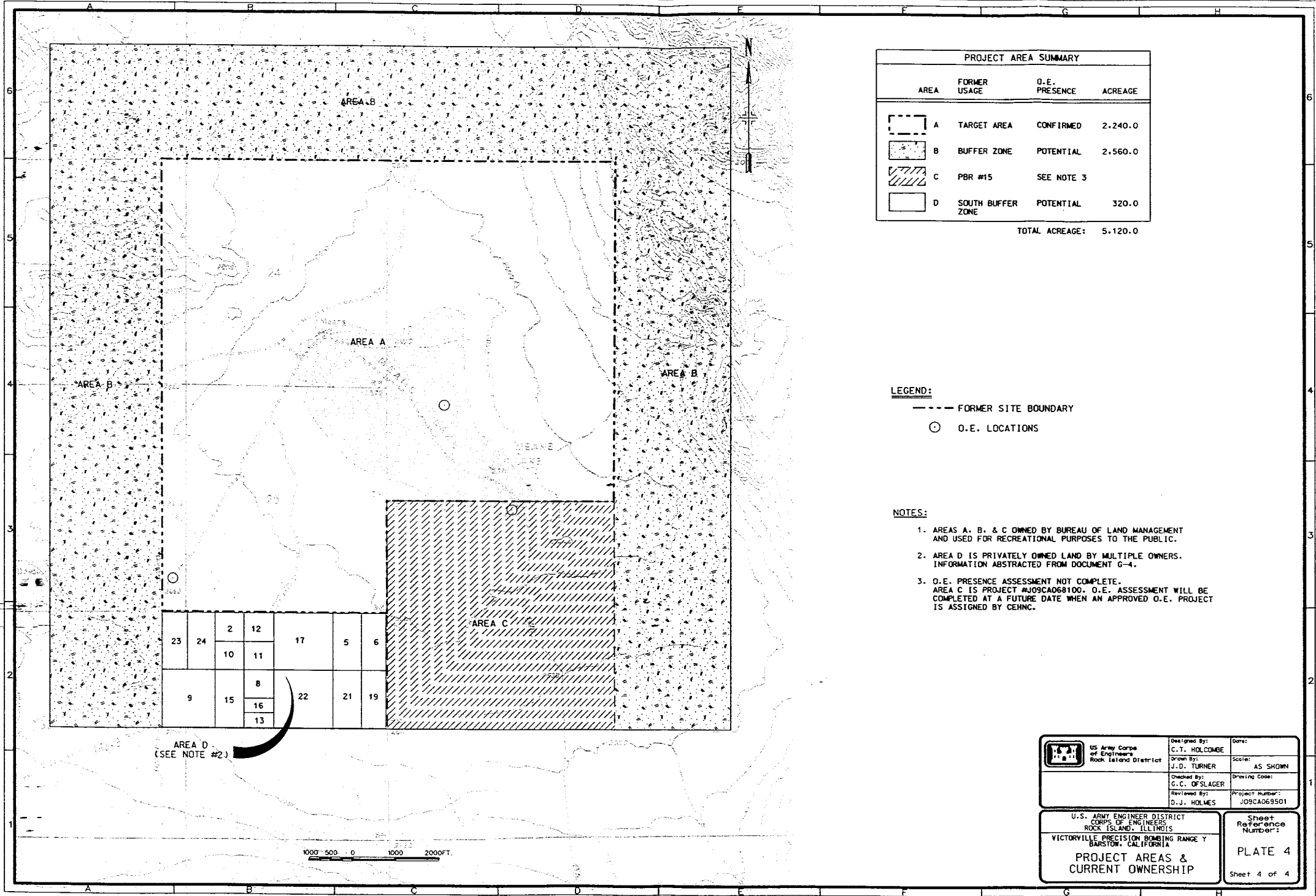
01-05-1118 0111
 01-05-1118 0111



- LEGEND:**
- FORMER SITE BOUNDARY
 - D.E. LOCATIONS
 - ← PHOTO LOCATIONS

- NOTES:**
1. COORDINATES OF FOUND FUZE:
34° 24' .81N 116° 30' .85W.
 2. COORDINATES OF FOUND M38A2 BOMB BODY & FUZE:
34° 24' .14N 116° 30' .47W
 3. COORDINATES OF FOUND 100# GP BOMB BASE:
34° 24' .64N 116° 30' .16W

US Army Corps of Engineers Rock Island District	Designed By: C. T. HOLCOMBE	Date:
	Drawn By: J. D. TURNER	Scale: AS SHOWN
	Checked By: G. C. OFSLAGER	Drawing Code:
	Reviewed By: D. J. HOLMES	Project Number: JOSCA069501
U.S. ARMY ENGINEER DISTRICT CORPS OF ENGINEERS ROCK ISLAND, ILLINOIS VICTORVILLE PRECISION BOMBING RANGE Y BARSTON, CALIFORNIA		Sheet Reference Number: PLATE 3 Sheet 3 of 4



PROJECT AREA SUMMARY			
AREA	FORMER USAGE	O.E. PRESENCE	ACREAGE
	A TARGET AREA	CONFIRMED	2,240.0
	B BUFFER ZONE	POTENTIAL	2,560.0
	C PBR #15	SEE NOTE 3	
	D SOUTH BUFFER ZONE	POTENTIAL	320.0

TOTAL ACREAGE: 5,120.0

LEGEND:

- FORMER SITE BOUNDARY
- O.E. LOCATIONS

NOTES:

1. AREAS A, B, & C OWNED BY BUREAU OF LAND MANAGEMENT AND USED FOR RECREATIONAL PURPOSES TO THE PUBLIC.
2. AREA D IS PRIVATELY OWNED LAND BY MULTIPLE OWNERS. INFORMATION ABSTRACTED FROM DOCUMENT G-4.
3. O.E. PRESENCE ASSESSMENT NOT COMPLETE. AREA C IS PROJECT #J09CA068100. O.E. ASSESSMENT WILL BE COMPLETED AT A FUTURE DATE WHEN AN APPROVED O.E. PROJECT IS ASSIGNED BY CEHNC.

23	24	2	12	17	5	6
		10	11			
9	15	8	22	21	19	
		16				
		13				

AREA D -
(SEE NOTE #2)

1000' 500' 0 1000 2000FT.

	US Army Corps of Engineers Rock Island District	Designed By: C.T. HOLCOMBE	Date:
		Drawn By: J.D. TURNER	Scale: AS SHOWN
		Checked By: G.C. OFSLAGER	Drawing Code:
		Reviewed By: D.J. HOLMES	Project Number: J09CA069501

U.S. ARMY ENGINEER DISTRICT CORPS OF ENGINEERS ROCK ISLAND, ILLINOIS	Sheet Reference Number:
VICTORVILLE PRECISION BOMBING RANGE Y BARSTOW, CALIFORNIA	PLATE 4
PROJECT AREAS & CURRENT OWNERSHIP	Sheet 4 of 4