

ASR SUPPLEMENT

INSTALLATION NAME: MILL COVE BOMBING SITE

FFID: FL9799F7200

FUDS PROPERTY NUMBER: I04FL0377

TOTAL PROPERTY ACREAGE: 160

MSC: South Atlantic Division - 41506
ORANGE PARK, FL 32073

POC for this data:

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DOES THE INSTALLATION HAVE ANY A/I RANGES? NO

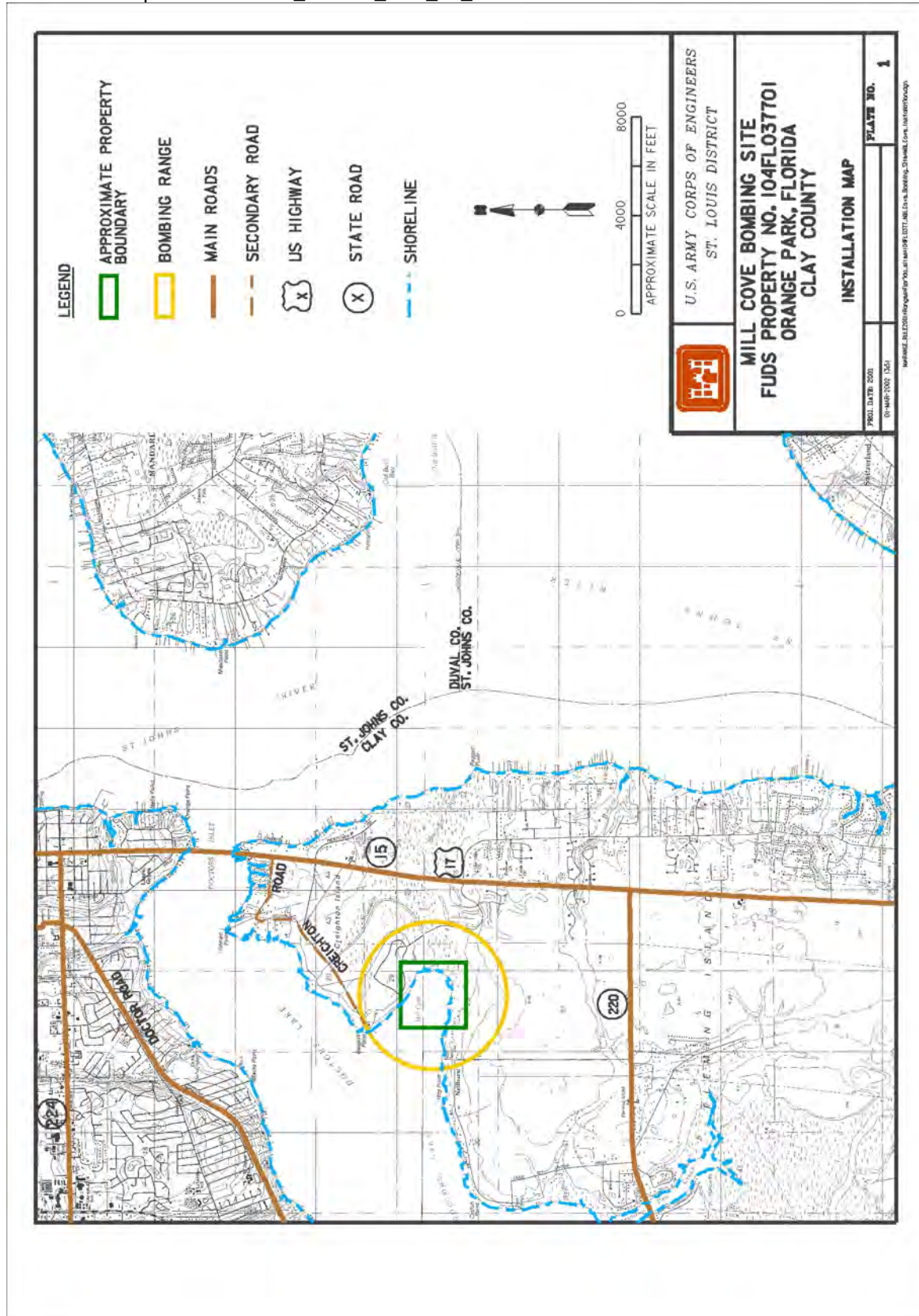
DOES THE INSTALLATION HAVE ANY CTT RANGES? YES

TYPES OF MUNITIONS USED ON THIS INSTALLATION: Conventional

INFORMATION IN THIS SUPPLEMENT WAS GATHERED FROM THE: ASR

MMR AREA SUMMARY						
PROJECT No.	PLATE No.	RANGE NAME	SUB-RANGE NAME	ACREAGE	AARS AOC	RMIS RANGE ID
01	R01	Bombing Range		649	A	I04FL037701R01

Installation Map: FL9799F7200_INSTAL_MAP_00_20020521.JPG



INSTALLATION NAME
MILL COVE BOMBING SITE
ORANGE PARK, FL

FUDS PROJECT
I04FL037701 -

PROJECT COMMENTS: The Mill Cove Bombing Site is located in Section 29, Township 4 South, Range 26 East, about four miles south of the town of Orange Park in Clay County, Florida.

The Mill Cove Bombing Site was obtained by order of the Secretary of War in 1941 for use by the Jacksonville Naval Air Station. A bombing target was constructed in Mill Cove, which is located in Doctors Lake, for Naval Air Advance Training Command.

The Navy utilized this site for practice strafing and bombing operations associated with Jacksonville Naval Air Station. The target was composed of a pyramid shaped raft of palmetto logs, painted yellow. Caliber .50 ammunition was used in strafing runs. Practice bombs included the Mk 23 miniature Practice Bomb and the Mk 15, 100-pound practice bomb (water-filled).

The dropping of practice bombs continued until either late 1945 or early 1946.

MMR AREA NAME: Bombing Range

RMIS Range ID: I04FL037701R01

HISTORIC USE:

HISTORIC USE	START YEAR	END YEAR	COMMENTS
BOMBING	1941	1946	N/A

CURRENT USE:

CURRENT USE	START YEAR	COMMENTS
Recreational	1946	N/A
Residential - Single Family	1946	N/A
Undeveloped	1946	N/A

ACREAGE:

Land:	519.75
Tidal Water:	0
Inland Water:	129.25
Total:	649
Tidal Water with Public Exposure Pathway:	No

MMR ACREAGE:

Identified:	0
Suspected:	649
Not Suspected:	0

RISK ASSESSMENT CODE:

Hazard Severity:	III
Hazard Probability:	C
RAC Score:	4

CLASSIFICATION(S):

Training

RANGE / NON-RANGE: Range

LAND USE RESTRICTIONS: Unrestricted Public Access

CONSTRUCTION DATE: (YYYYMMDD) 19410101

THE FOLLOWING TYPES OF MUNITIONS WERE USED ON THIS RANGE:

Conventional

DESCRIPTION: The practice-bombing target was located in Doctors Lake and composed of a pyramid shaped raft of palmetto logs, painted yellow.

COMMENTS: Jacksonville Naval Air Station utilized practice bombs at this site. Private residences and docks in a secured community currently surround Doctors Lake. Dense marshland on the eastern side of the cove prohibits access. No evidence of ammunition or other evidence was every discovered by the local residents.

Although OE will be concentrated around the target, evidence of bombing is almost always found beyond the scoring arcs. OE debris is typically found throughout the entire property and occasionally beyond the property boundaries. The range cell area was calculated to extend beyond the target center 3000 feet, for a total of 649 acres. Many factors, all of which are unknown, such as altitude and flight speed, affect targeting accuracy. From studies completed in WWII, 99 percent of the bombs should be found within 3,000 feet for bombers flying at 25,000 feet or below and at speeds up to 250 mph. The same study implied a 2,000-foot radius should include 95 percent of the bombs under the same conditions.

HAVE THERE BEEN ANY DOCUMENTED INCIDENTS ON THIS RANGE? No

RANGE MUNITIONS:

MUNITIONS ID	MUNITIONS	USED START DATE	USED END DATE
SMALL ARMS(CTT01)	Small Arms, General	194101	194601
BOMBS, PRACTICE(CTT10)	AN-Mk 5, AN-Mk 23, AN-Mk 43, Prac	194101	194601
BOMBS, PRACTICE(CTT10)	Mk 15 series, Practice Bomb, 100 lbs	194101	194601
BOMBS, PRACTICE(CTT10)	Signal, Practice Bomb, Mk 6	194101	194601
BOMBS, PRACTICE(CTT10)	Signal, Practice Bomb, Mk 7	194101	194601
BOMBS, PRACTICE(CTT10)	Signal, Practice Bomb, Mk 5	194101	194601
BOMBS, PRACTICE(CTT10)	Signal, Practice Bomb, Mk 4	194101	194601

RANGE LAND ACCESS AND RESTRICTIONS:

RESTRICTION TYPE	RESTRICTION	DESCRIPTION
A	OTHER (Must Describe)	No controls.

L OTHER (Must Describe) No known Land Use Restrictions

RANGE OWNERS:

OWNER TYPE	OWNER DESCRIPTION	LEASE	LEASE TERMINATION	REVOCATION OF LAND
S	The State of Florida owns the water portion of Mill Cove in Doctors Lake			NO
P	This land is part of the Pace Island Development that consists of homes, recreation areas and a wildlife conservation area.			NO
O	The land portion is partially controlled by various private owners. This land is part of the Pace Island Development that consists of homes, recreation areas and a wildlife conservation area.			NO

RANGE DEMOGRAPHICS:

TYPE	NAME	STATE	COUNTRY
CT	Orange Park	FL	UNITED STATES
CO	Clay	FL	UNITED STATES

SOIL TYPE: SAND/GRAVEL SAND

TOPOGRAPHY: WATER

VEGETATION: BARREN OR LOW GRASS

GROUNDWATER

AVG DEPTH (IN FEET)	3
DRINKING WATER SUPPLY	UNKNOWN
RANGE CONTAMINATION FROM RESIDUE OF MUNITIONS	UNKNOWN

COORDINATES:

DATUM: NAD83
UTM X: (meters) 430725.18
UTM Y: (meters) 3332760.06
UTM ZONE: 17
Latitude: 30° 7' 26" 0
Longitude: 81° 43' 8" 0

RANGE MAP: FL9799F7200_CTT_MAP_01_20030324.JPG

