

Soviet High Performance MIG-21 Jet Fighters in Cuba

G 6771

OFFICIAL USE ONLY

30 October 1962

MEMO FOR RECORD:

Subj: Items delivered to US Mission to UN

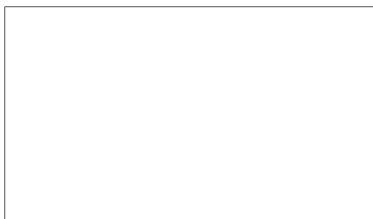
The following items have been delivered to the US Mission to the UN:

- 1) 1 set of 6 numbered photographic exhibits containing 12 photographs and 2 maps. These are the photos presented at the Security Council meeting.
- 2) 4 additional large briefing boards with more recent photos, delivered by  on 27 Oct. (Incl.1)
- 3) Two 3-ring binders containing 42 pages of photos and maps, one for Brigadier Rikhye and a duplicate for USUN Mission. These photos show each offensive missile site in detail and also cover San Julian airfield, Punto Gerardo, and Mariel. All locations are carefully plotted on maps. Also, pocket contains 1 small scale and 3 1:250,000 Maps.
- 4) Four Maps (2 large, 2 small) showing locations in Cuba, of SAM's, SAM Support areas, and cruise missile sites.
- 5) Two sets of 7 1:50,000 topo maps (Incl.2), covering site locations (Maps from which excerpts were taken for Rikhye book).
- 6) One B&L Microscope, on temporary loan.

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OFFICIAL USE ONLY

UN DISPLAY

The high-level photographs at the right are copies of the briefing boards displayed by US Ambassador to the United Nations Adlai E. Stevenson on October 25, 1962 to the UN Security Council after Soviet Deputy Foreign Minister Valerian A. Zorin refused to admit that USSR has placed medium- and intermediate-range missiles and sites in Cuba. The series as marked indicate:

Stet 1

YM

- 1. SAN CRISTOBAL MEDIUM-RANGE BALLISTIC MISSILE ~~SITE~~ JSM
- 2. MEDIUM-RANGE BALLISTIC MISSILE ~~SITE~~, SAN CRISTOBAL AREA
- 3. MEDIUM-RANGE BALLISTIC MISSILE ~~BASE~~ IN CUBA
- 4. INTERMEDIATE-RANGE BALLISTIC MISSILE ~~SITE~~, GUANAJAY
- 5. INTERMEDIATE-RANGE BALLISTIC MISSILE ~~BASE~~ IN CUBA
- 6. SAN JULIAN AIRFIELD, CUBA

BASE OR SITE??

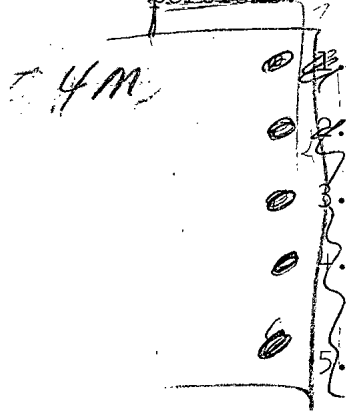
Which site at San Cristobal (4 of them); Guanajay had 2  
(ABOVE NAMES ARE NOT THE OFFICIAL NAMES, WITH  
MORE DETAIL (COORDINATES), WE COULD INSERT  
THE OFFICIAL NAMES)

5" wide

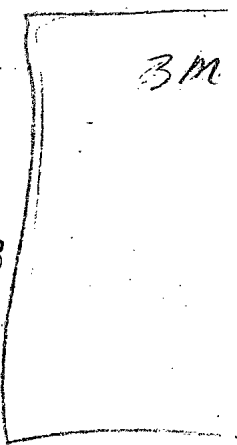
### THE CUBAN CRISIS

These photographs on Cuba depict the most memorable portions of the Cuban Crisis. ~~They are intended to provide the viewer with an appreciation for the task performed by the collector and photographic interpretator.~~ This display is divided into five ~~5~~ major **SECTIONS:**

portions:



1. The initial detection of missiles in Cuba
2. The display at the UN **Display**
3. The MRBM Story
4. The Introduction and Removal of the IL-28 Bomber ~~AC~~ AIRCRAFT
5. ~~A typical~~ Surface-to-Air Missile Sites



wide  
Justified  
67010B

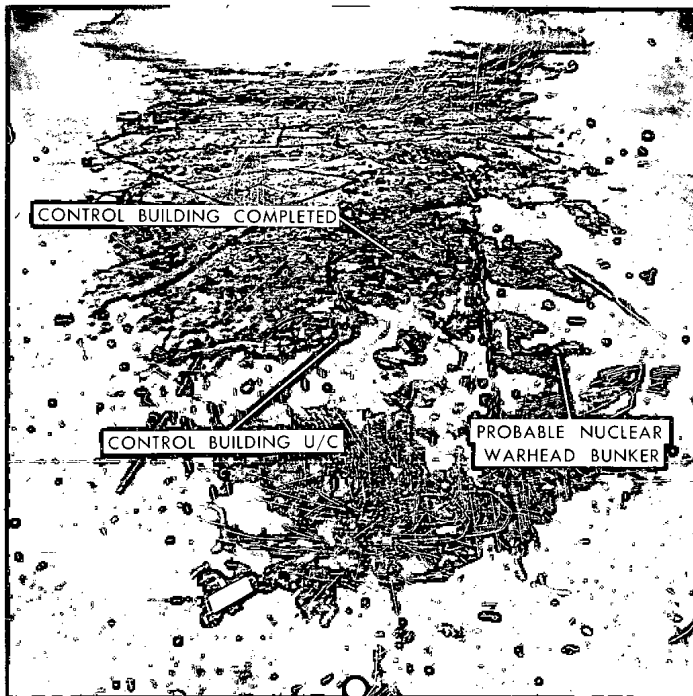
5 16 86

5<sup>4</sup>

SECRET

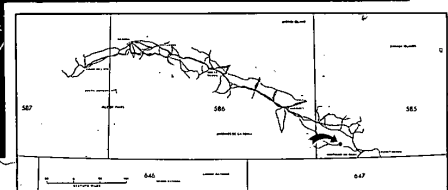
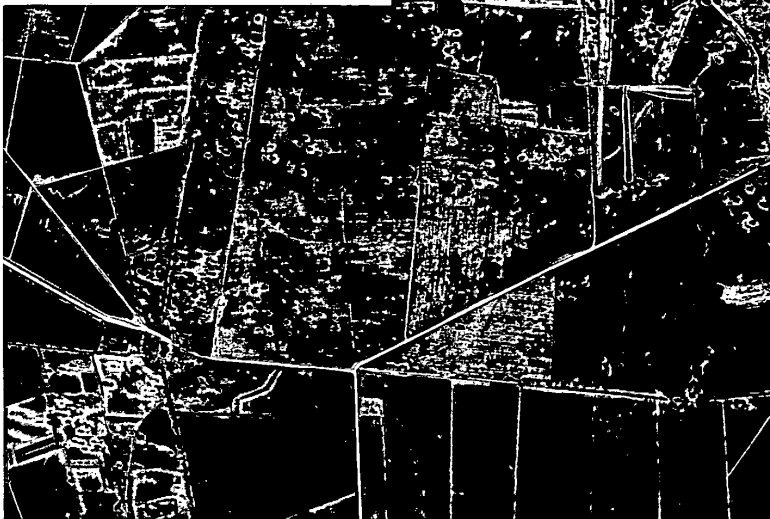
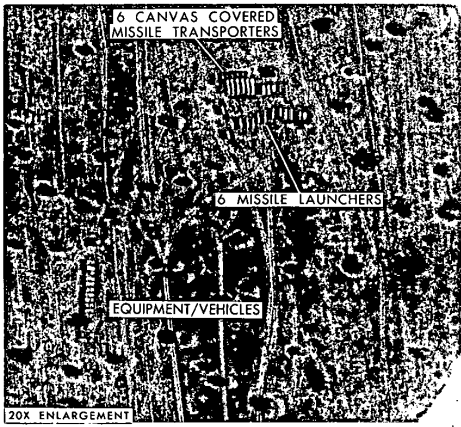
NATIONAL PHOTOGRAPHIC INTERPRETATION CENTER

# IRBM LAUNCH SITE REMEDIOS, CUBA



TOP SECRET CHESS  
NO FOREIGN DISSEM

### SAM EQUIPMENT JIGUANI AREA, CUBA 20-21N 76-20W

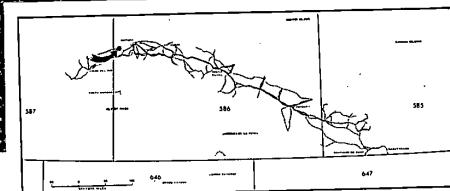
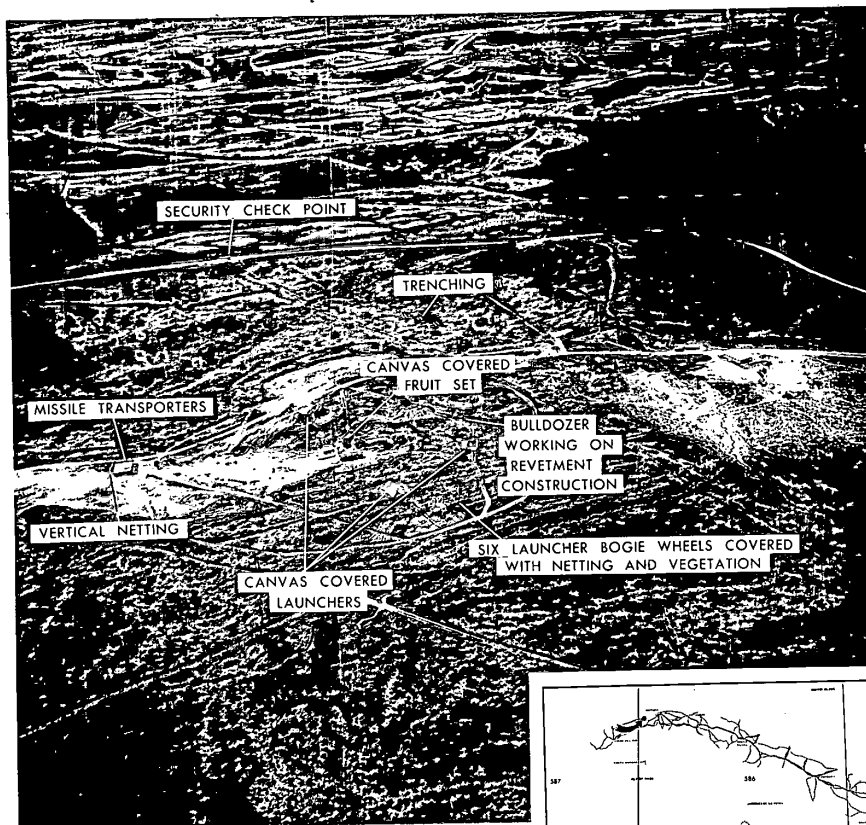


SECRET

NATIONAL PHOTOGRAPHIC INTERPRETATION CENTER

**SAM SITE**  
**MARIEL, CUBA**  
23-00N 82-49W

50X1

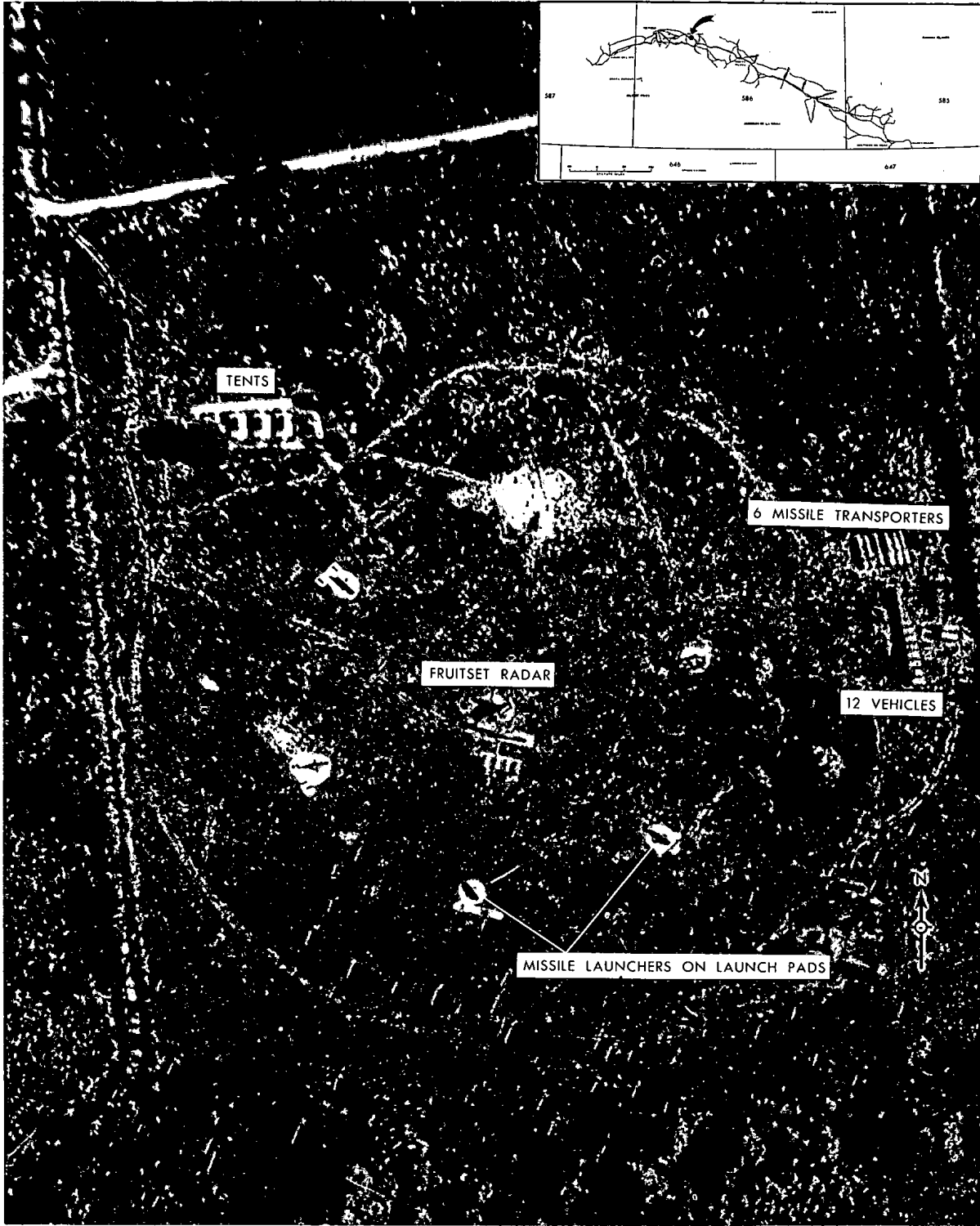


SECRET

TOP SECRET-CHES  
NOFORN

# SAM SITE NEAR MATANZAS

23-01N 81-29W



35X ENLARGEMENT

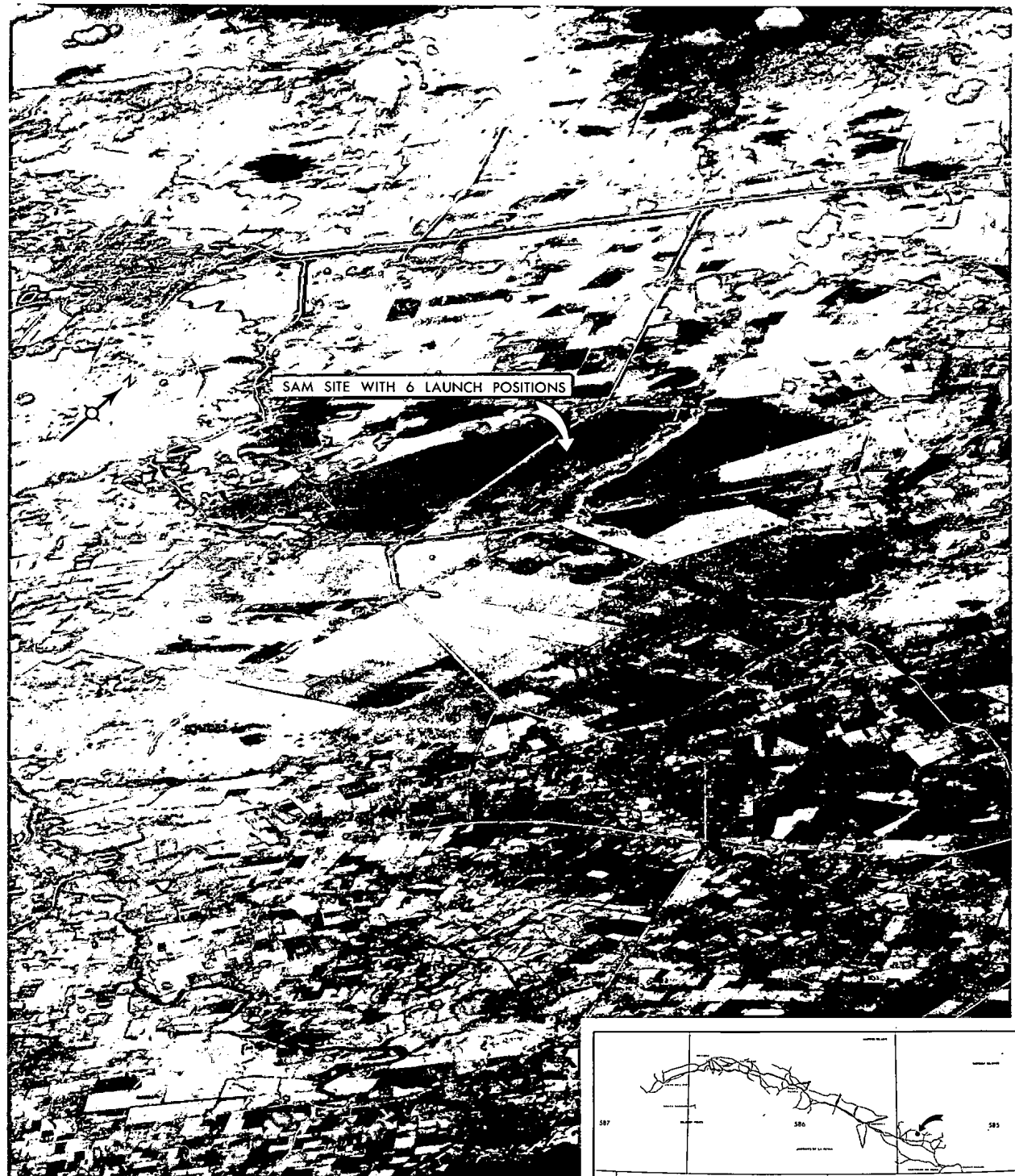
NPIC G-6516 (9/62)

TOP SECRET-CHES  
NOFORN

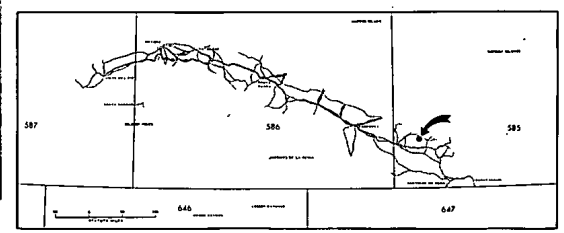


TOP SECRET CHESS  
NO FOREIGN DISSEM

### SAM SITE CHAPARRA, CUBA 21-07N 76-26W



7X ENLARGEMENT



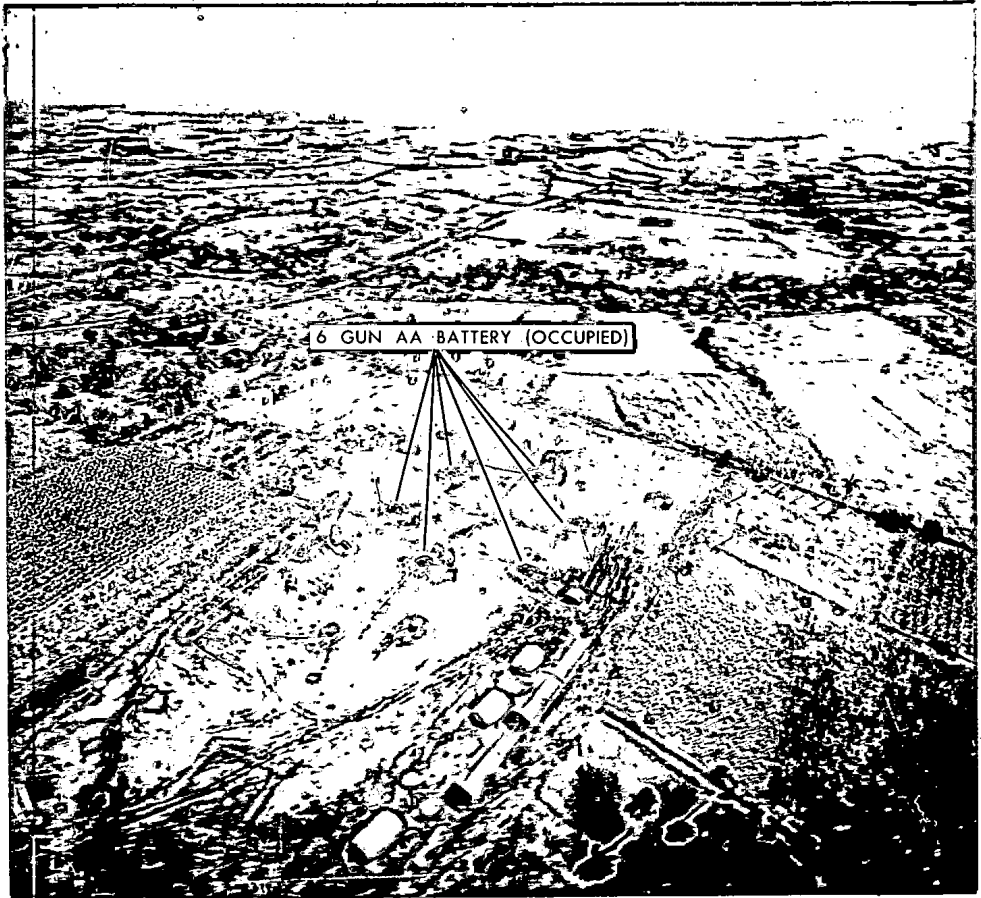
NPIC G-6654 (9/62)

TOP SECRET CHESS  
NO FOREIGN DISSEM

SECRET

NATIONAL PHOTOGRAPHIC INTERPRETATION CENTER

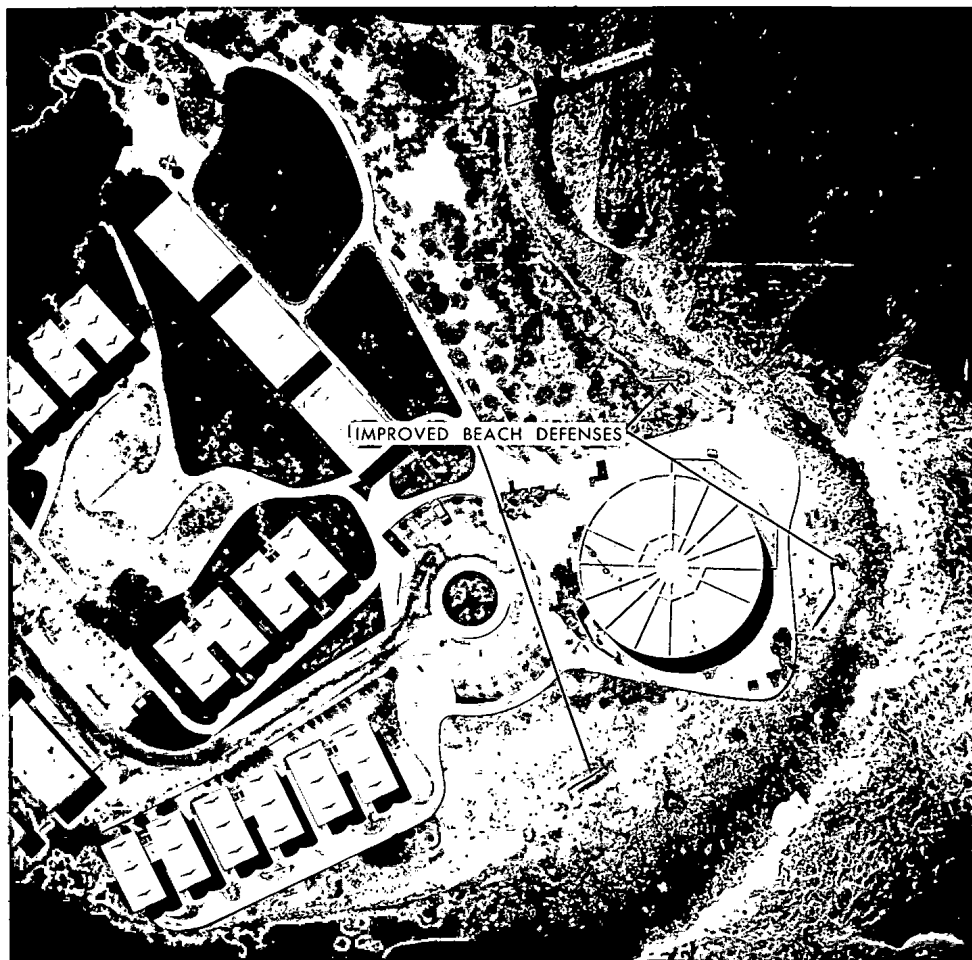
# HAVANA AA DEFENSES



SECRET

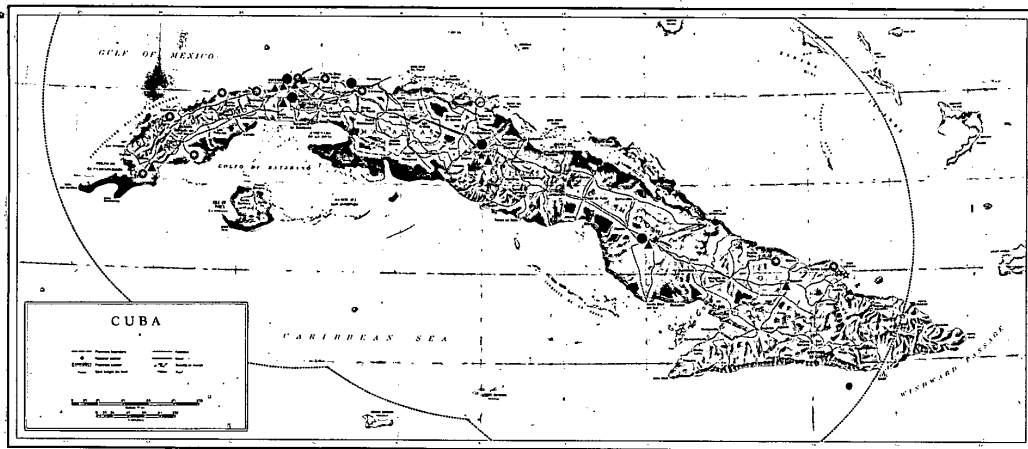
NATIONAL PHOTOGRAPHIC INTERPRETATION CENTER

# TARARA LANDING BEACH AREA



TOP SECRET-CHES  
NOFORN

### RADAR ORDER OF BATTLE



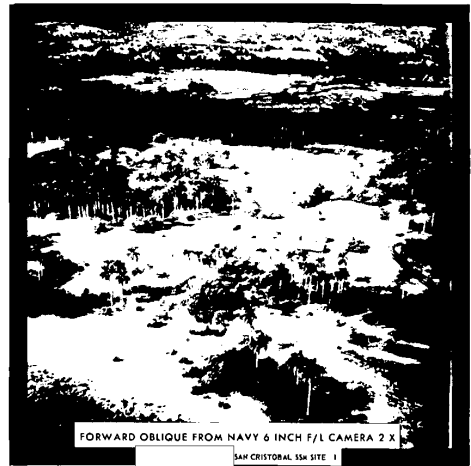
- SAM SITE
  - ◻ SAM SUPPORT FACILITY
  - ▲ FIGHTER AIRCRAFT
  - ★ TOKEN RADAR
  - KNIFE-EDGE RADAR
  - ▲ FIRE CONTROL RADAR
  - ☆ PROBABLE SAM
  - ◻ POSSIBLE RADAR
  - ADDITIONAL AREAS OF CONSTRUCTION
- 180KM COVERAGE OF TOKEN RADARS

SECRET

# SAMPLES OF BLUE MOON PHOTOGRAPHY



FORWARD OBLIQUE FROM AIR FORCE 12 INCH F/L CAMERA CONTACT  
SAN JULIAN SSM SITE



FORWARD OBLIQUE FROM NAVY 6 INCH F/L CAMERA 2 X  
SAN CRISTOBAL SSM SITE 1



VERTICAL PHOTOGRAPH FROM AIR FORCE 6 INCH F/L CAMERA CONTACT  
SAN CRISTOBAL SSM SITE 2



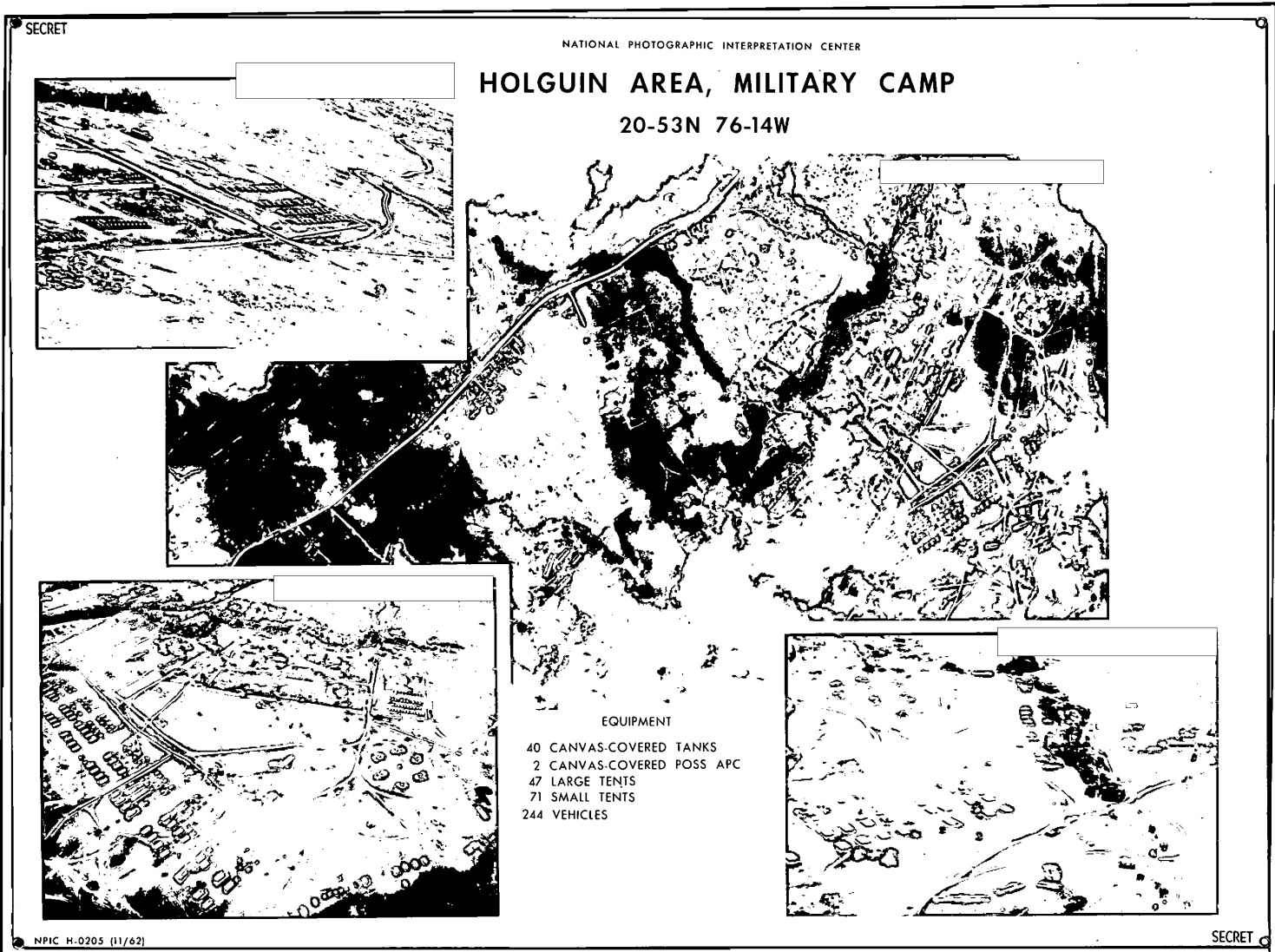
VERTICAL PHOTOGRAPH FROM NAVY TRIMET 1 1/2 INCH F/L CAMERA 4 X  
REDONDO SSM SITE

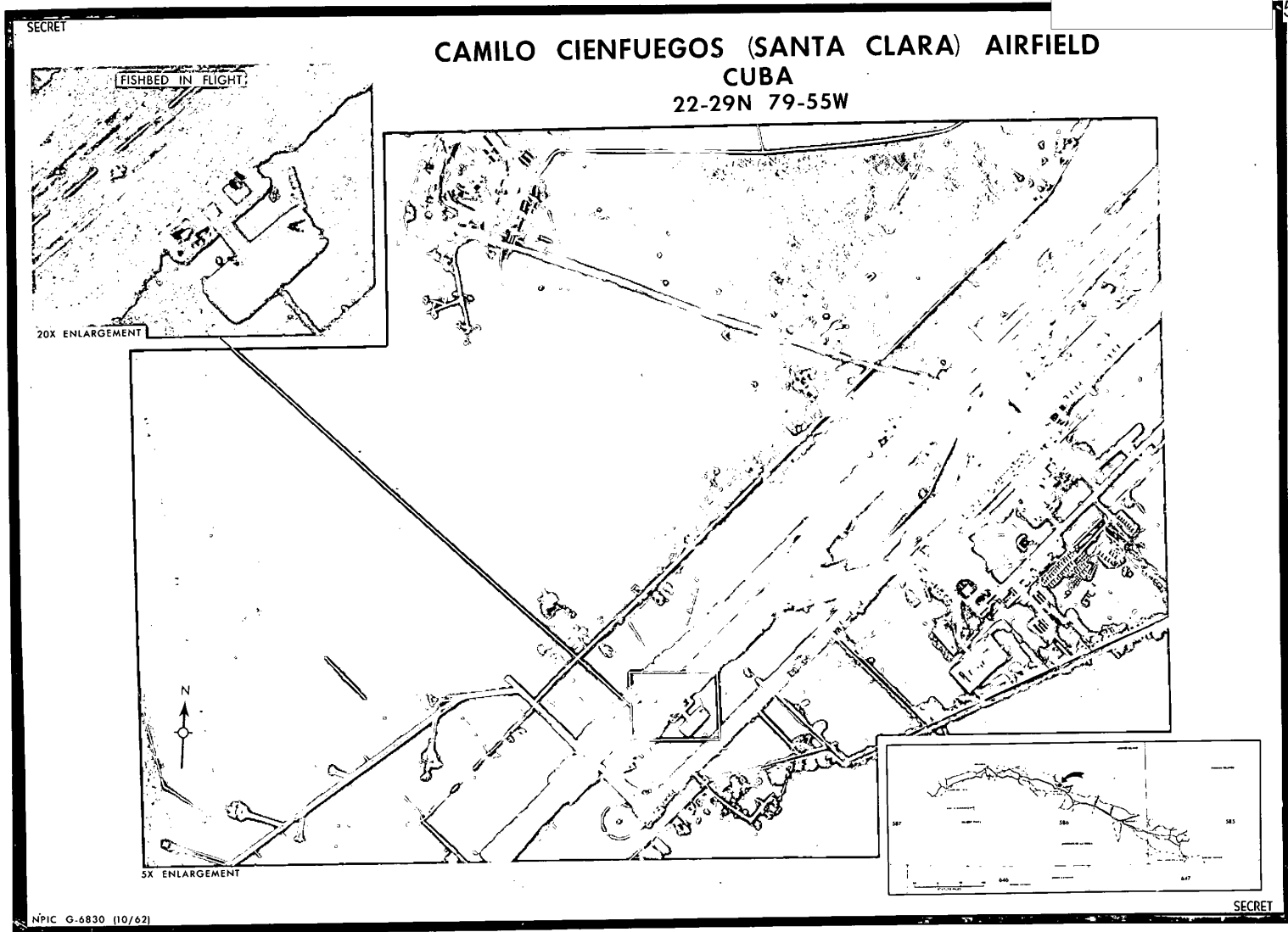
G 2144

SECRET

50X1

50X1

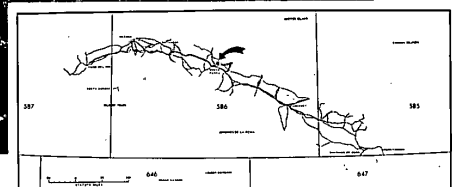
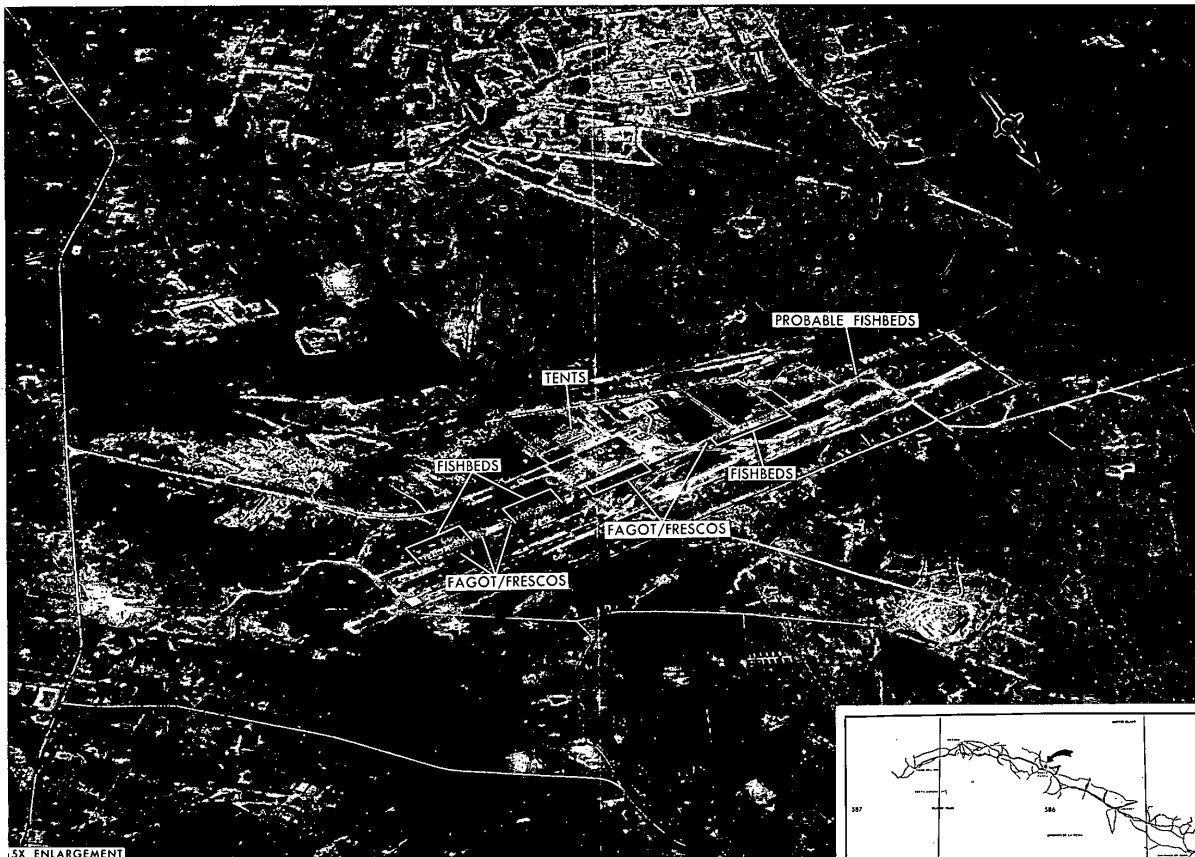




TOP SECRET CHESS  
NO FOREIGN DISSEM

50X1

### SANTA CLARA AIRFIELD 22-29N 79-55W



TOP SECRET CHESS  
NO FOREIGN DISSEM

TOP SECRET CHESS  
NO FOREIGN DISSEM



SECRET

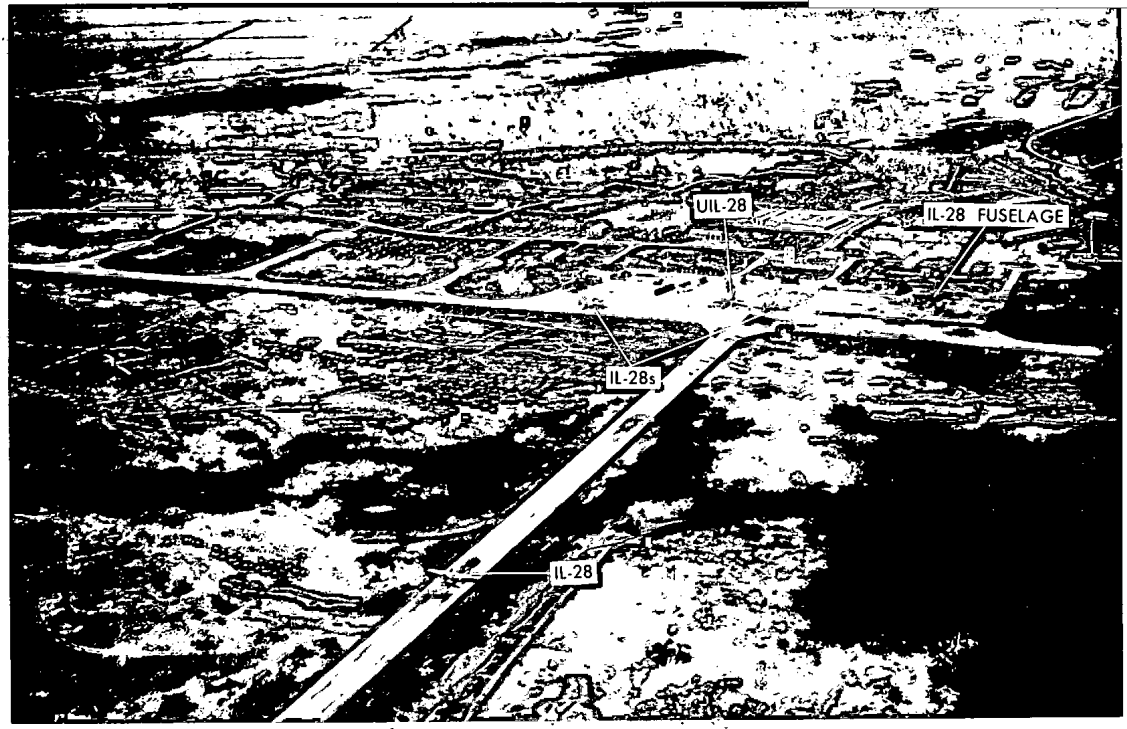
### SAN JULIAN AIRFIELD



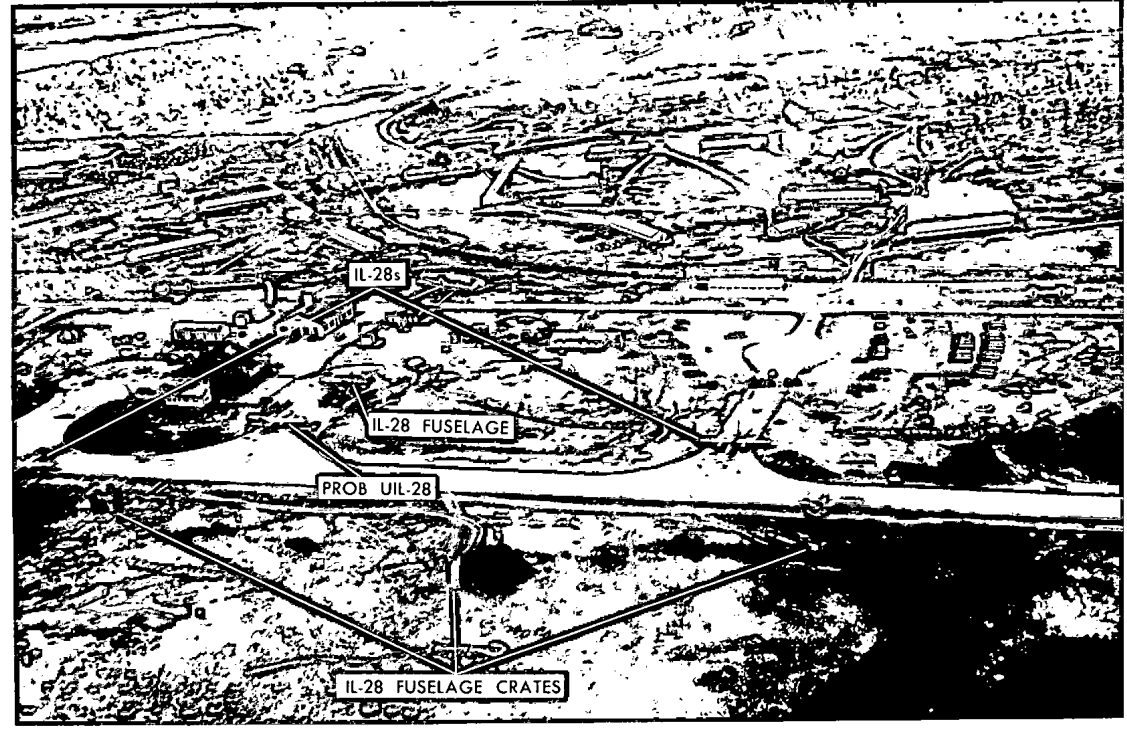
SECRET

NATIONAL PHOTOGRAPHIC INTERPRETATION CENTER

# SAN JULIAN A/F



50X1



50X1

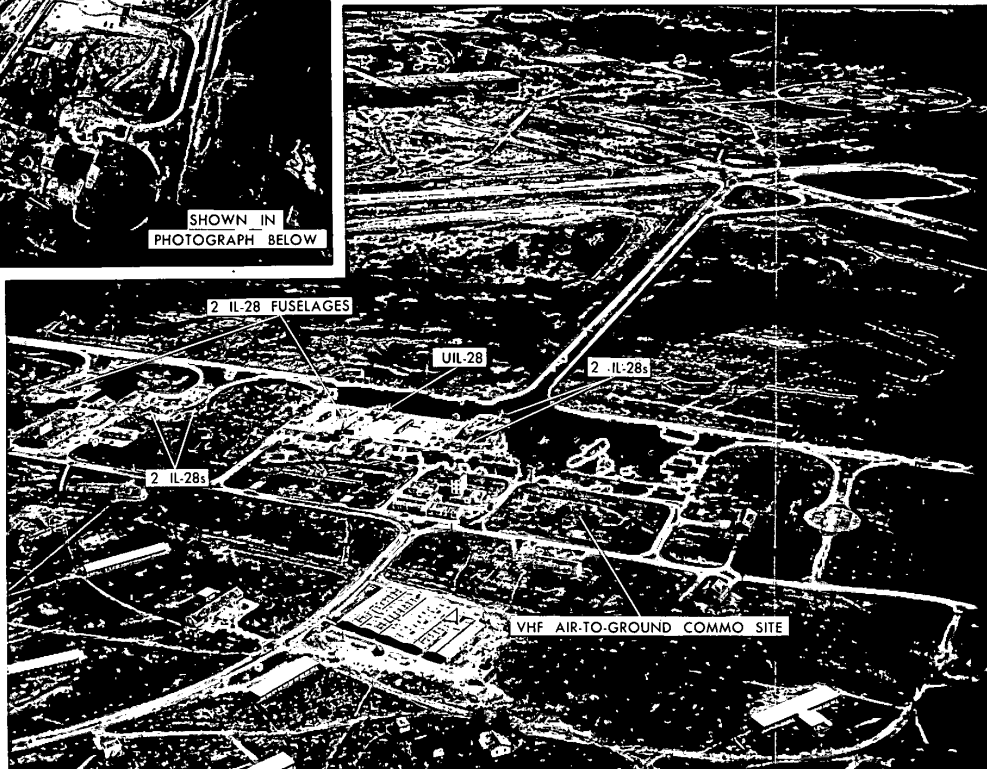
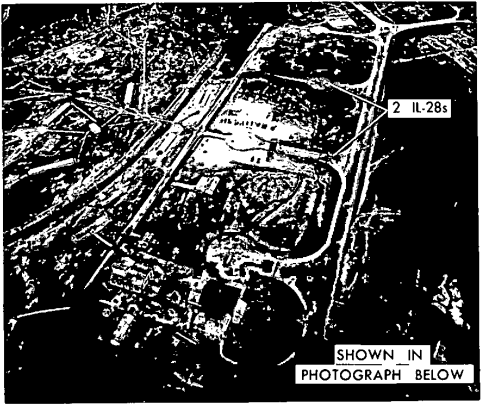
SECRET

SECRET

50X1

NATIONAL PHOTOGRAPHIC INTERPRETATION CENTER

# SAN JULIAN AIRFIELD



SECRET

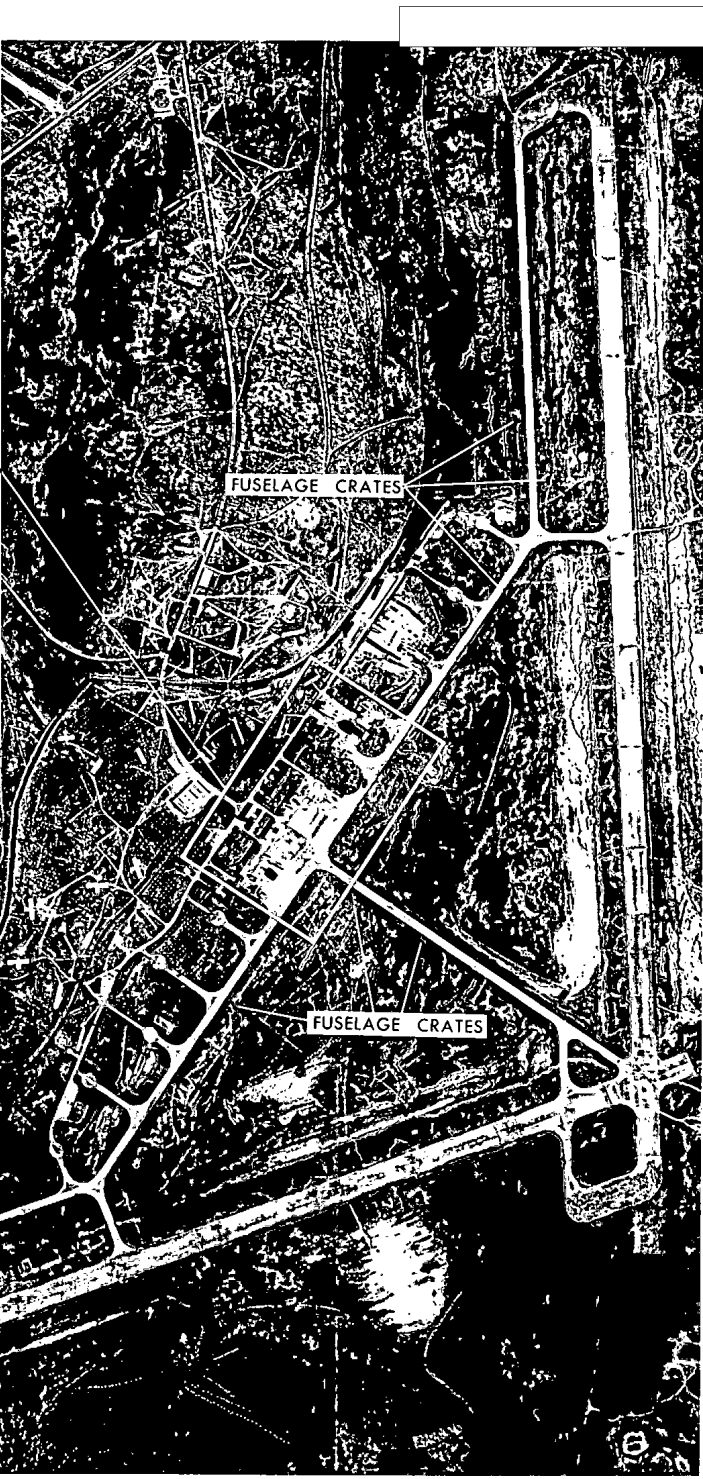
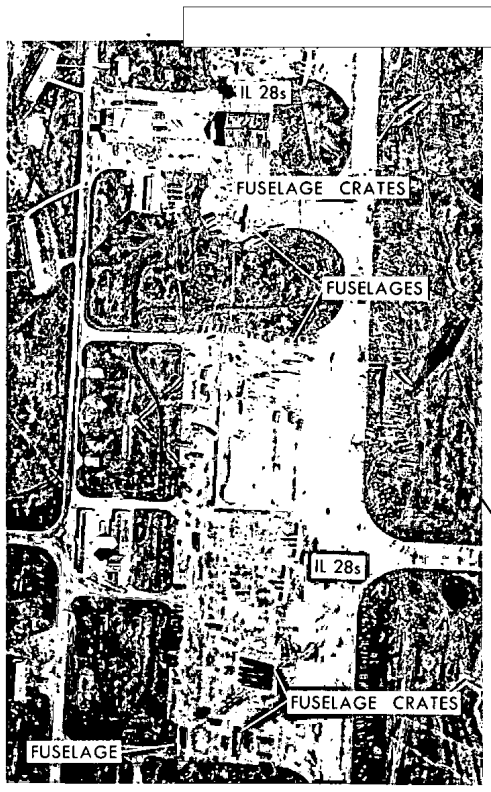
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NATIONAL PHOTOGRAPHIC INTERPRETATION CENTER

# SAN JULIAN AIRFIELD

50X1

50X1



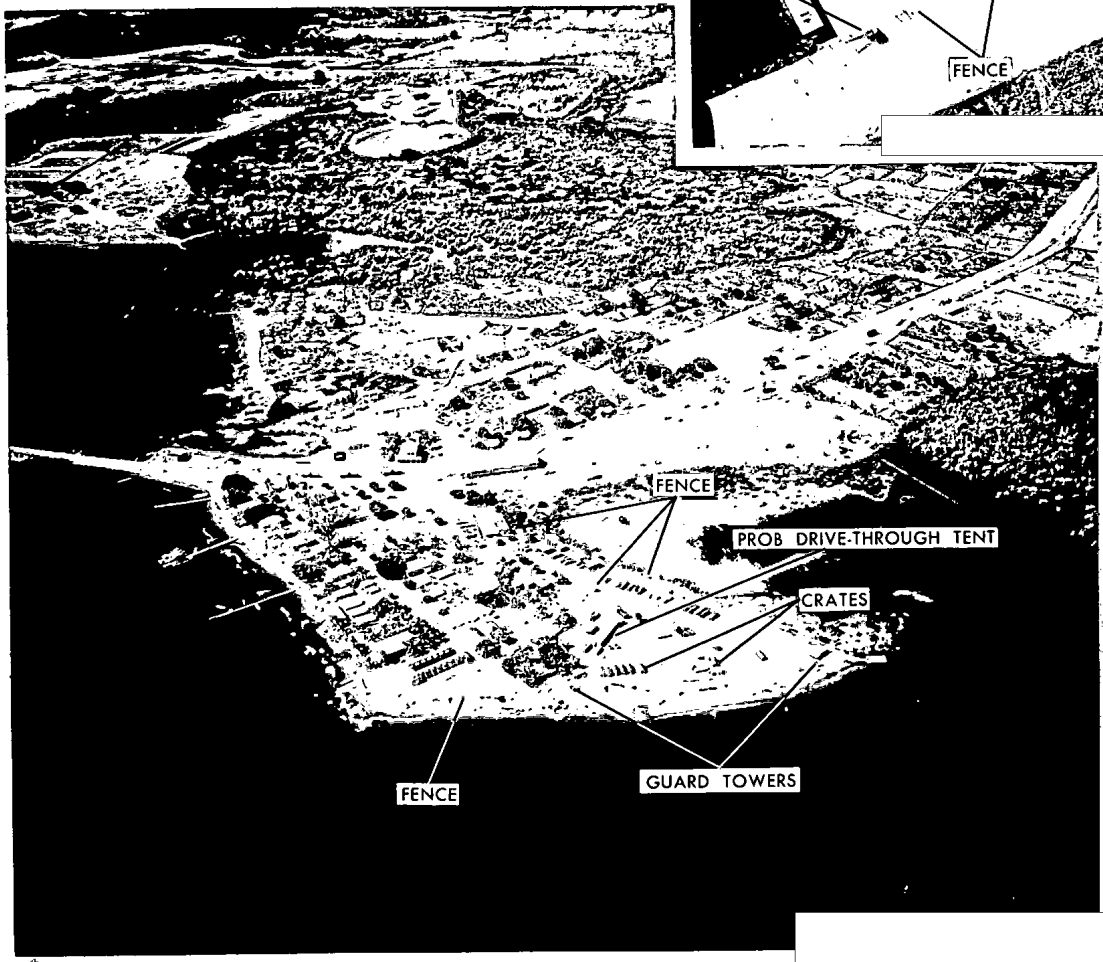
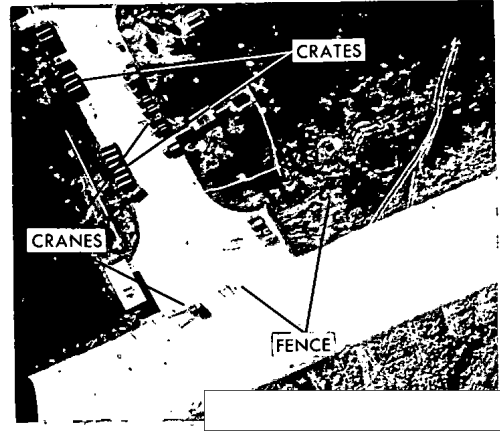
SECRET

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### BANES PORT AREA

### MARIEL NAVAL AIR STATION



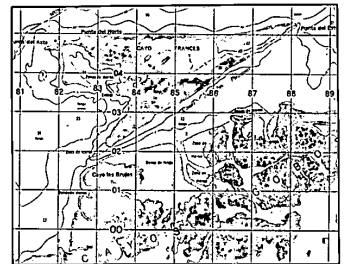
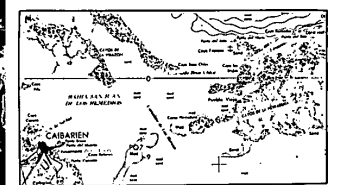
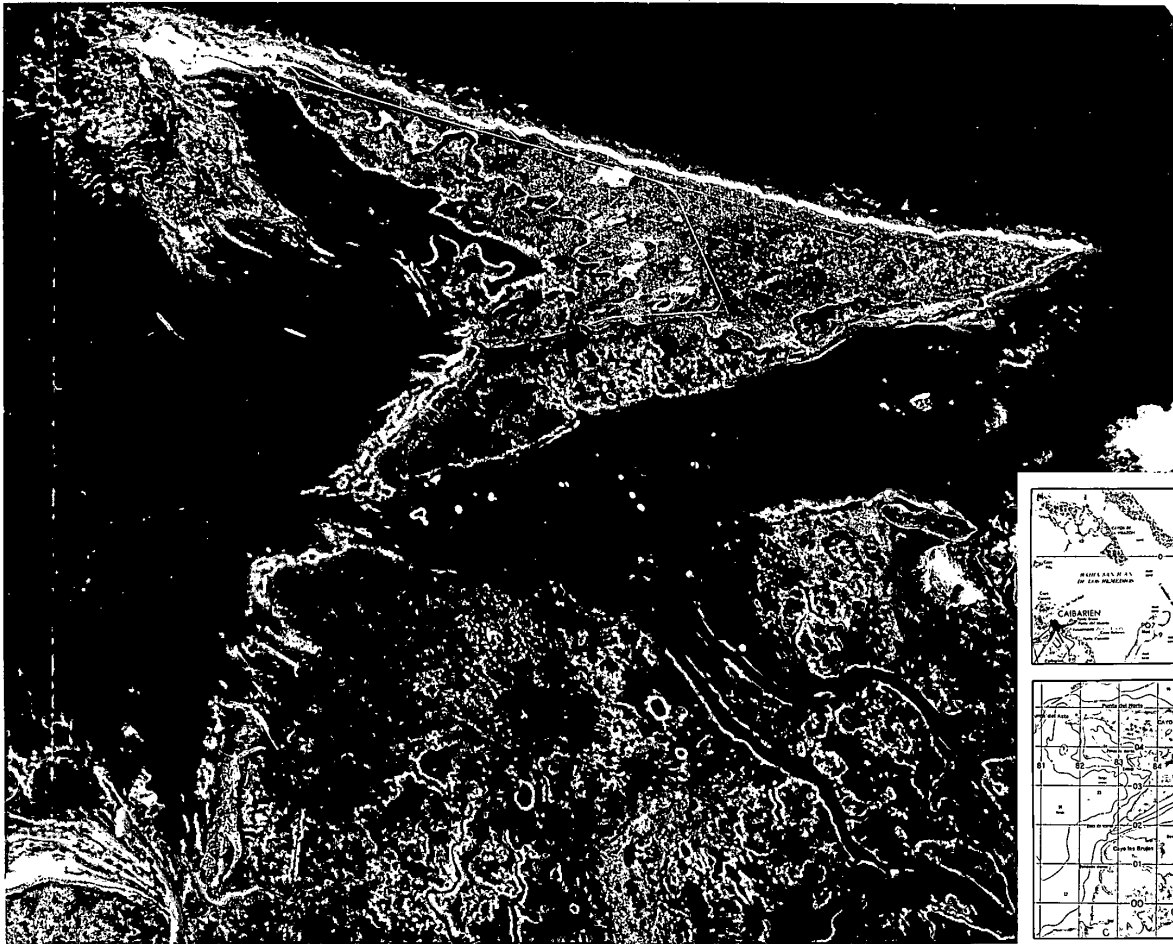
50X1

50X1

SECRET

SECRET

# CAYO FRANCES CUBA



NPIC G-6972 (10/62) COPY 1

NATIONAL PHOTOGRAPHIC INTERPRETATION CENTER

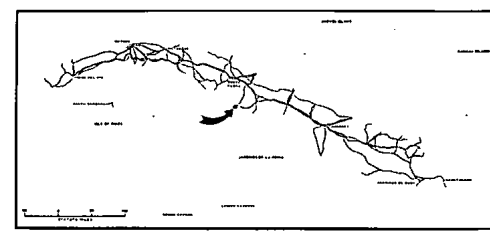
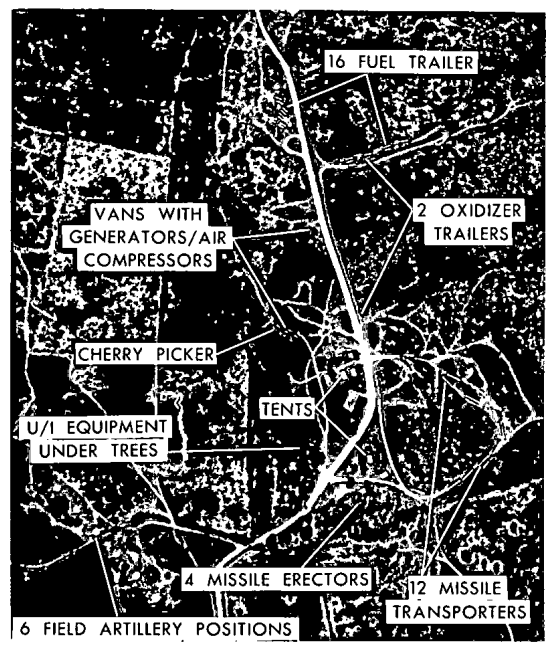
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NATIONAL PHOTOGRAPHIC INTERPRETATION CENTER

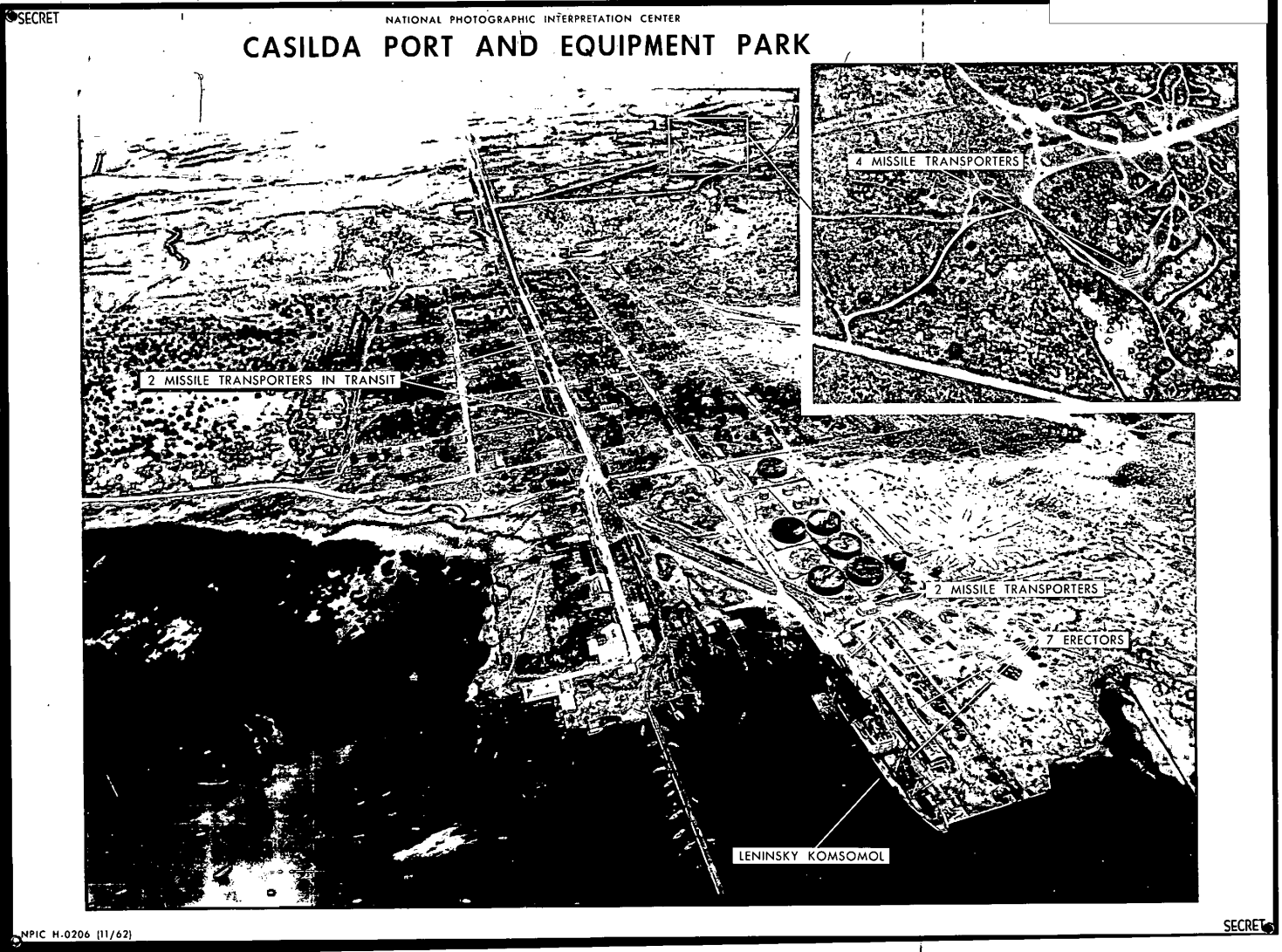
# MISSILE EQUIPMENT NEAR TRINIDAD

21-46N 79-59W



NPIC H-0138 (11/62)

SECRET

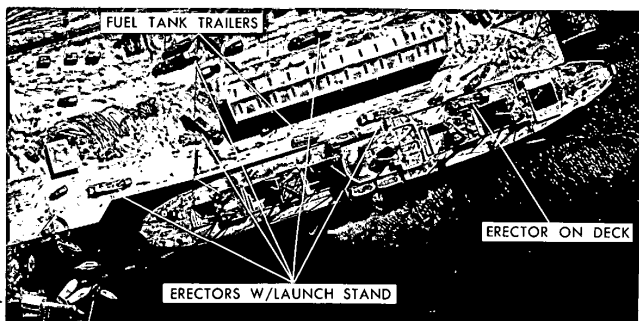
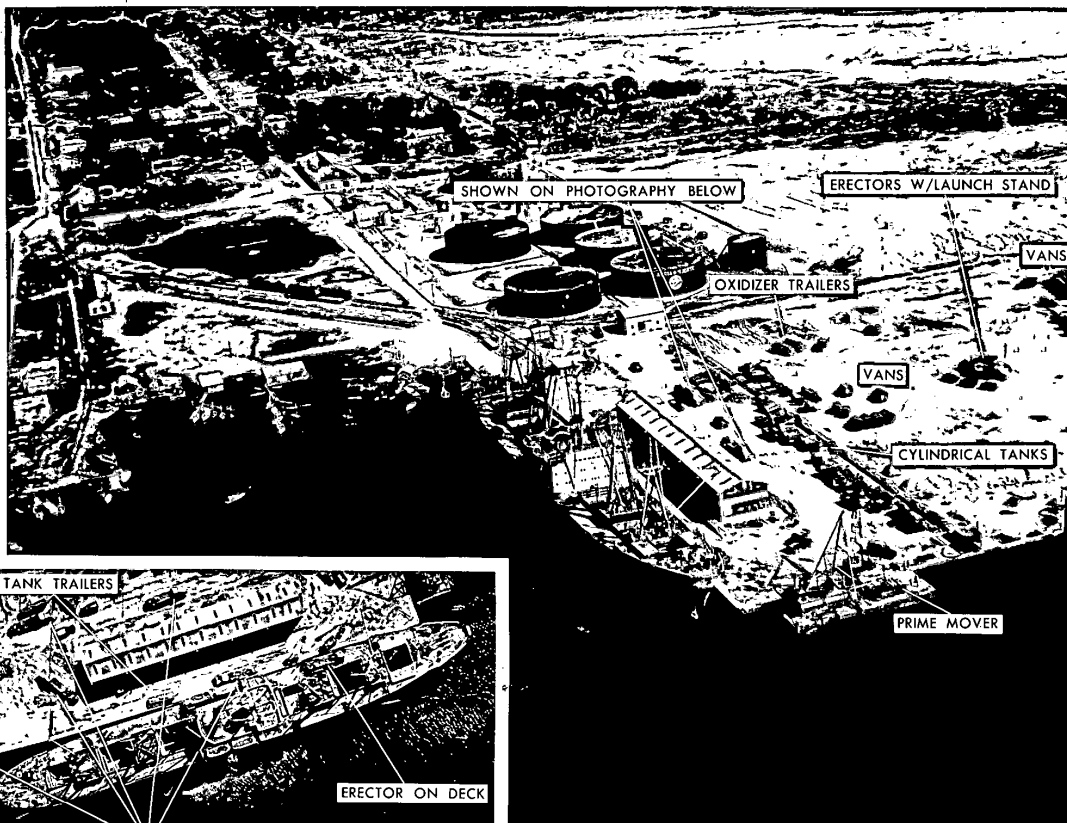




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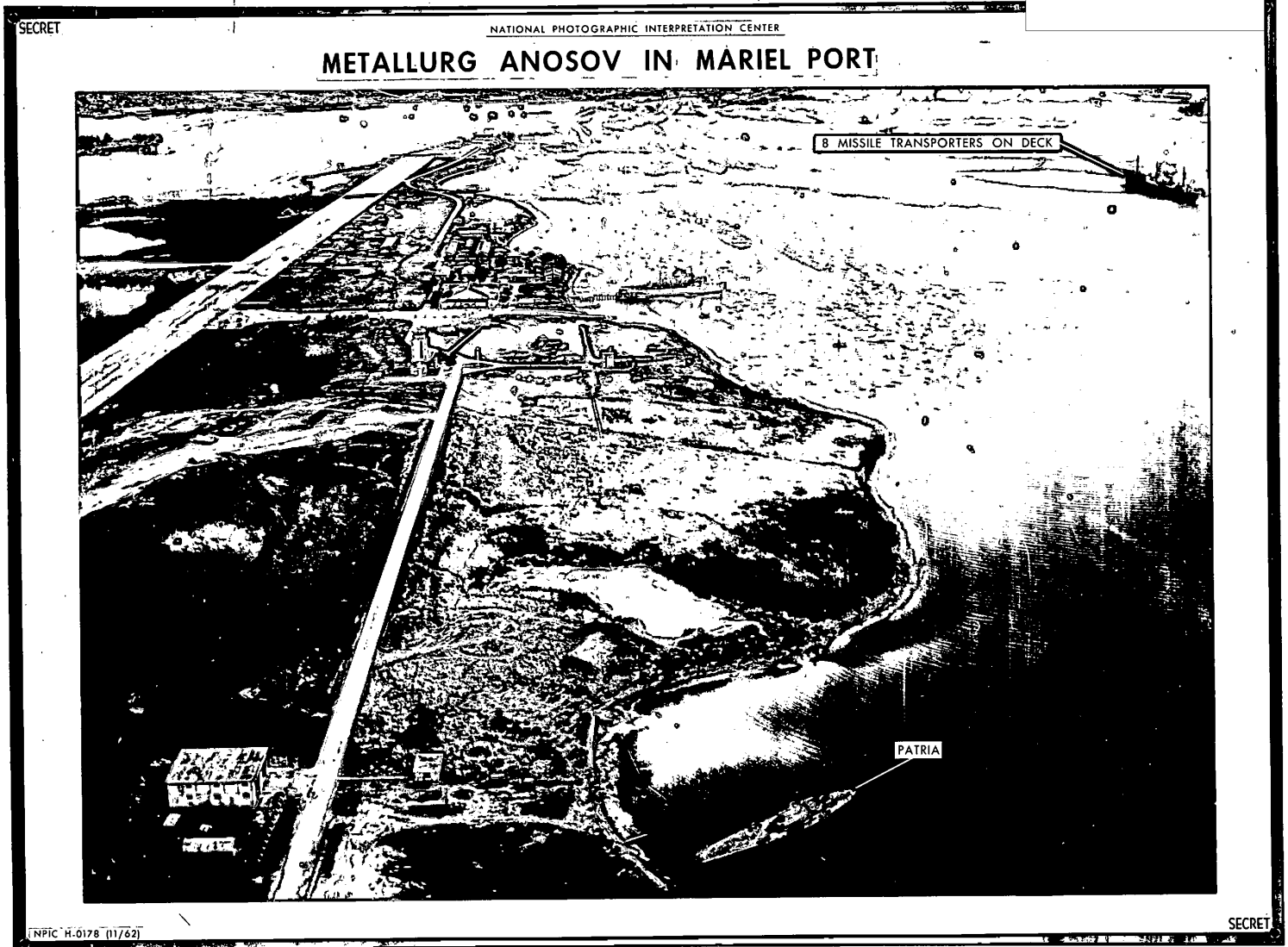
### CASILDA PORT



NPIC H-0179 (11/62)

SECRET

50X1



SECRET

NATIONAL PHOTOGRAPHIC INTERPRETATION CENTER

# METALLURG ANOSOV IN MARIEL PORT

8 MISSILE TRANSPORTERS ON DECK

PATRIA

NPIC H-0178 (11/62)

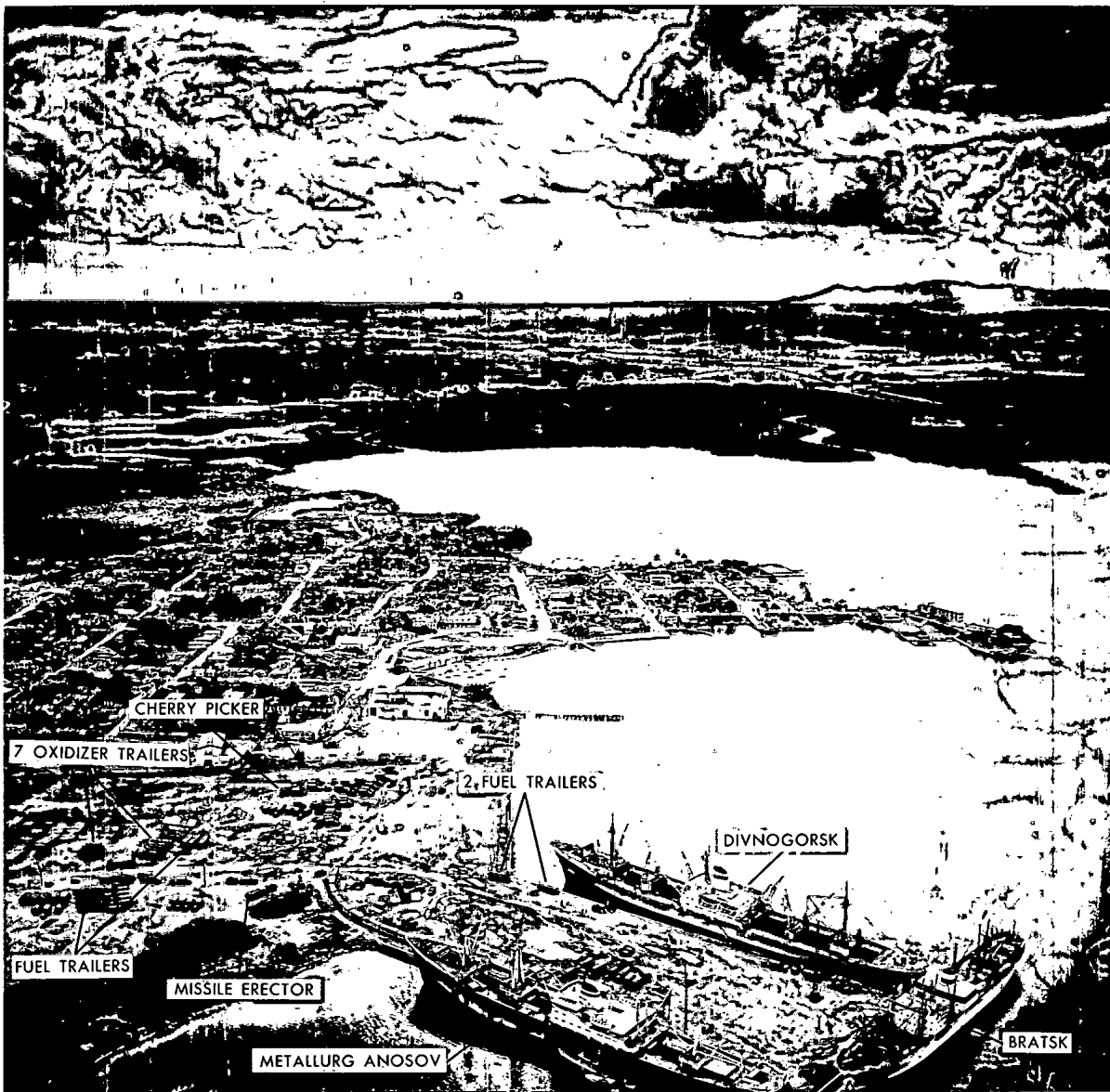
SECRET

SECRET

50X1

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# MARIEL NAVAL PORT



NPIC H-0085 (11/62)

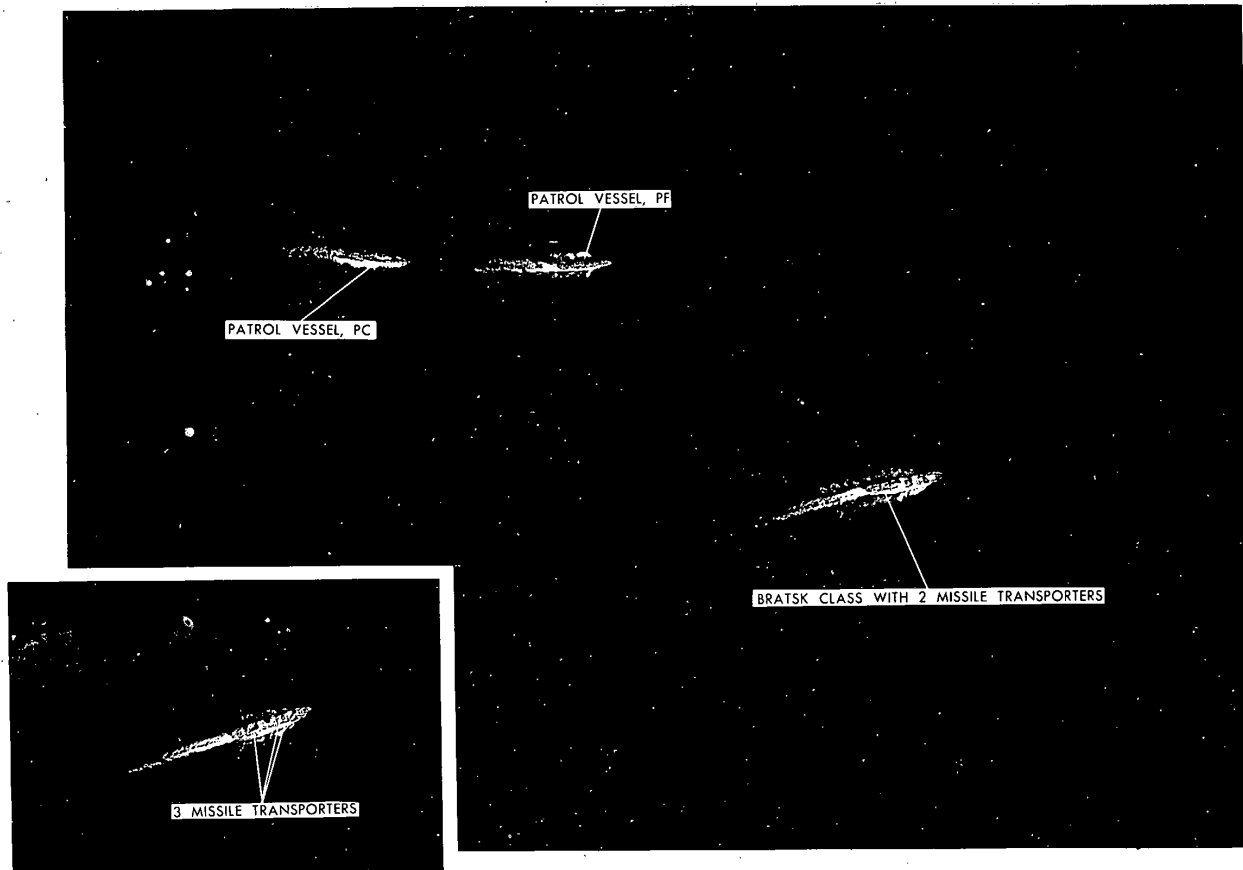
SECRET

SECRET

50X1

NATIONAL PHOTOGRAPHIC INTERPRETATION CENTER

# RUSSIAN FREIGHTERS UNDERWAY OFF MARIEL, CUBA



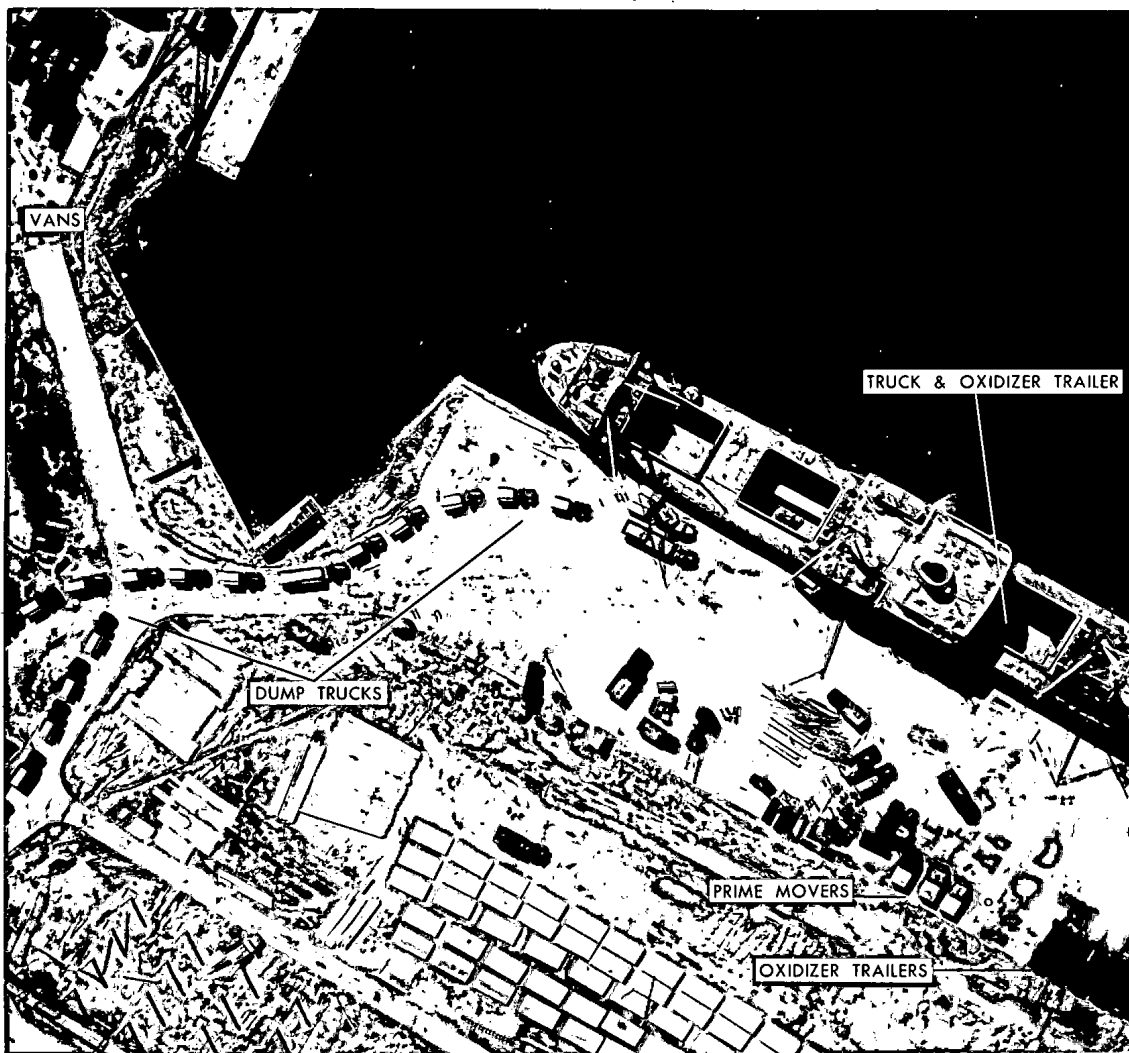
NPIC H.0187 (11/62)

SECRET

SECRET

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# MARIEL PORT



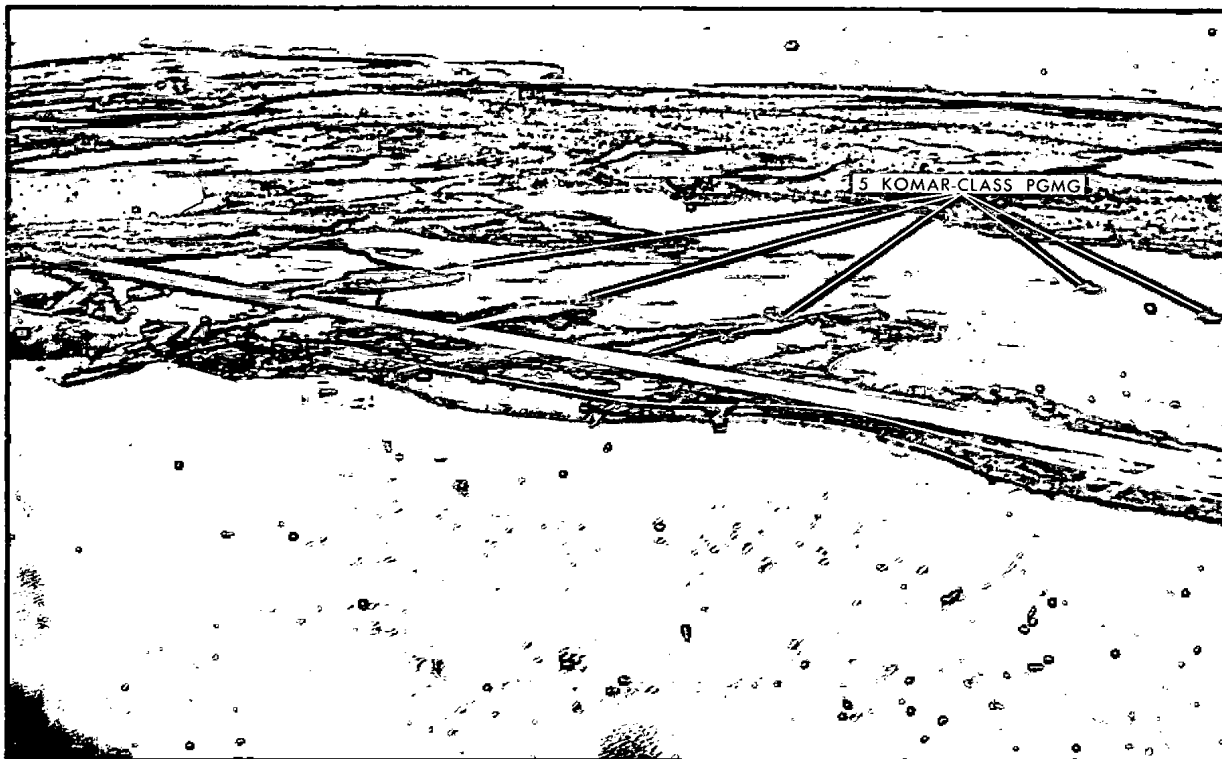
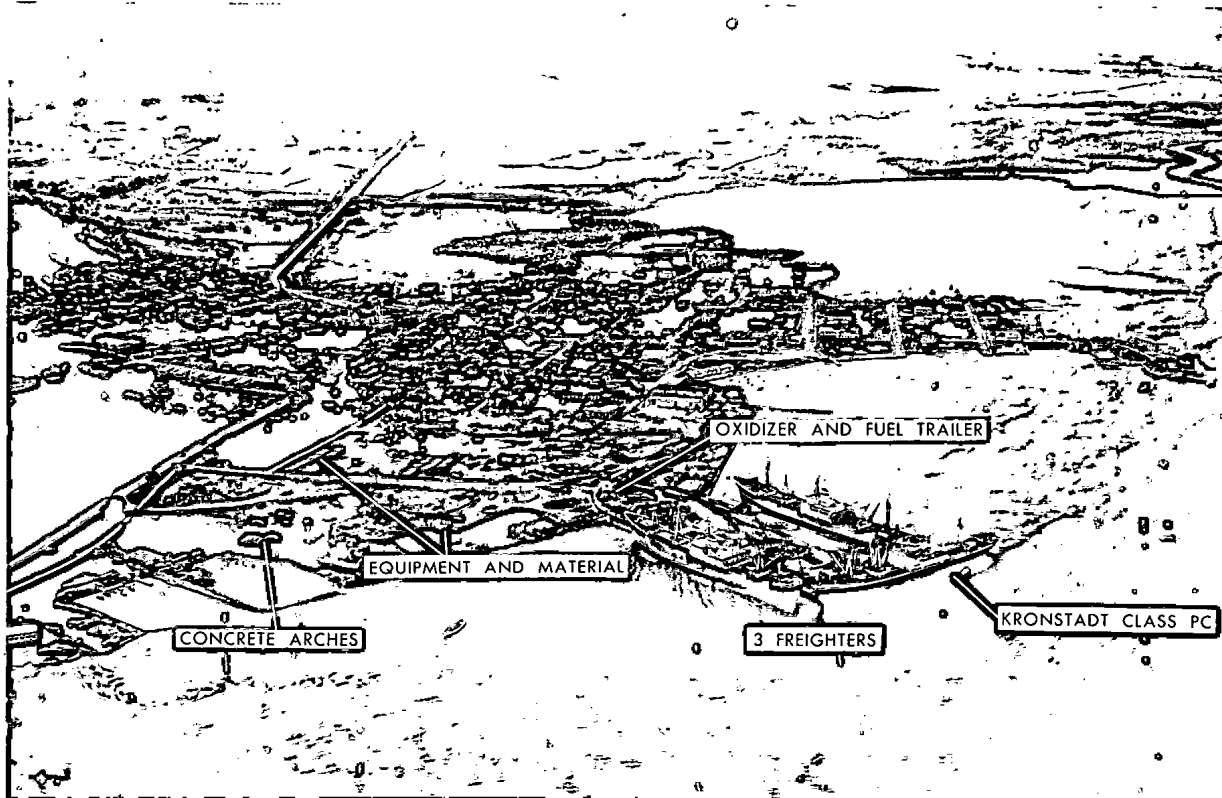
NPIC H-0165 (11/62)

SECRET

SECRET

NATIONAL PHOTOGRAPHIC INTERPRETATION CENTER

# MARIEL NAVAL PORT MARIEL, CUBA



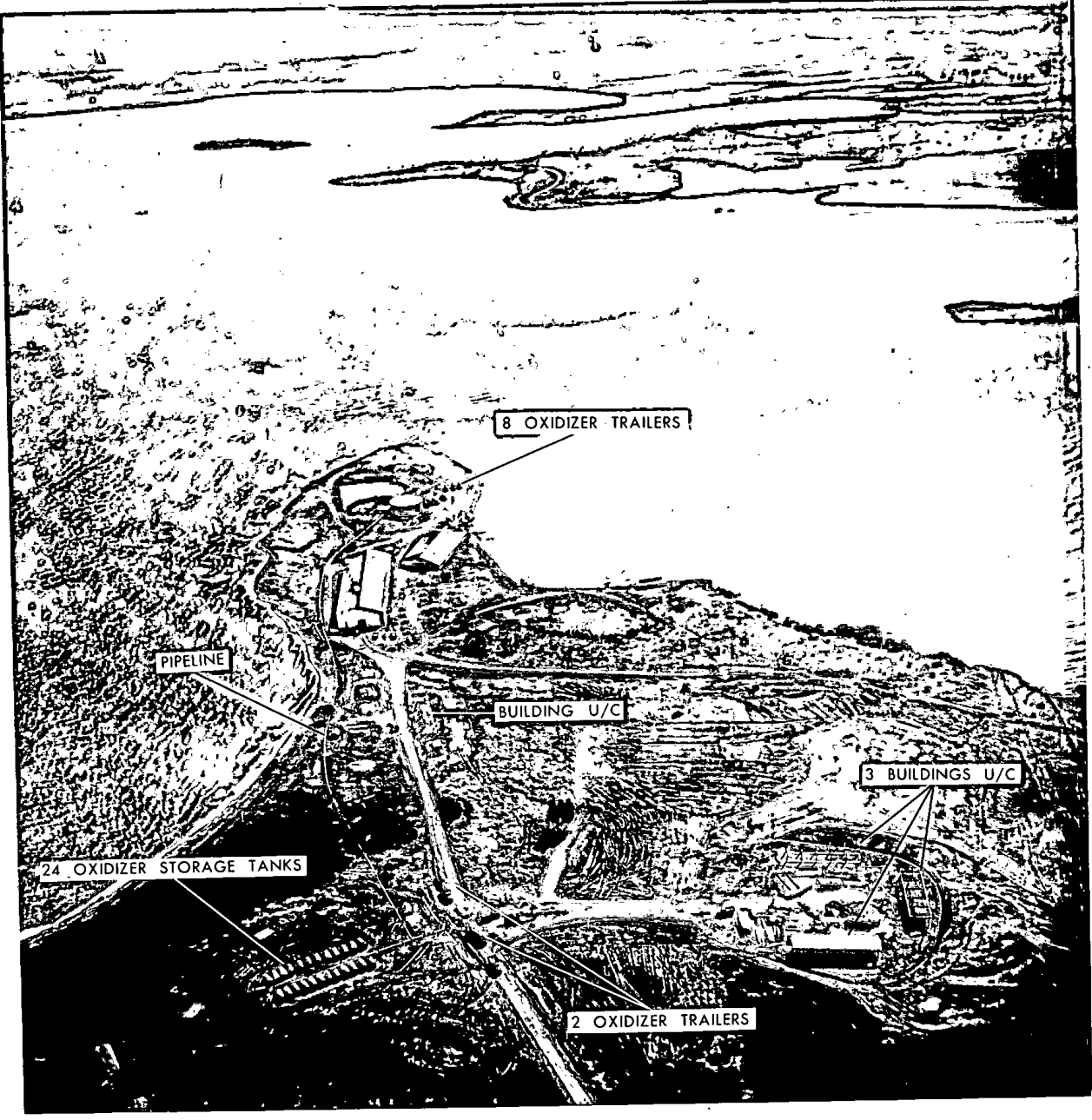
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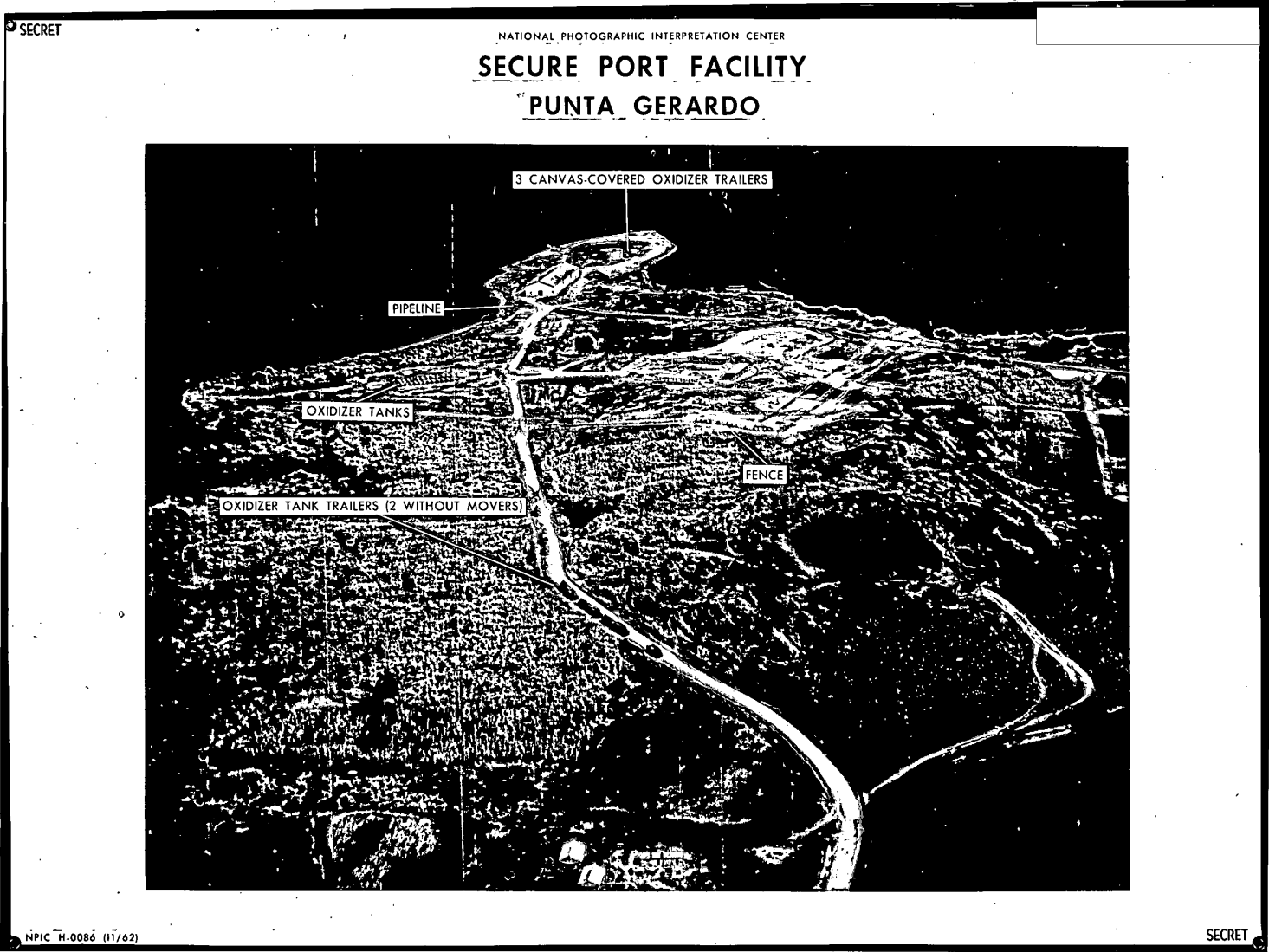
SECRET

NATIONAL PHOTOGRAPHIC INTERPRETATION CENTER

# SECURE PORT FACILITY PUNTA GERARDO, CUBA



SECRET



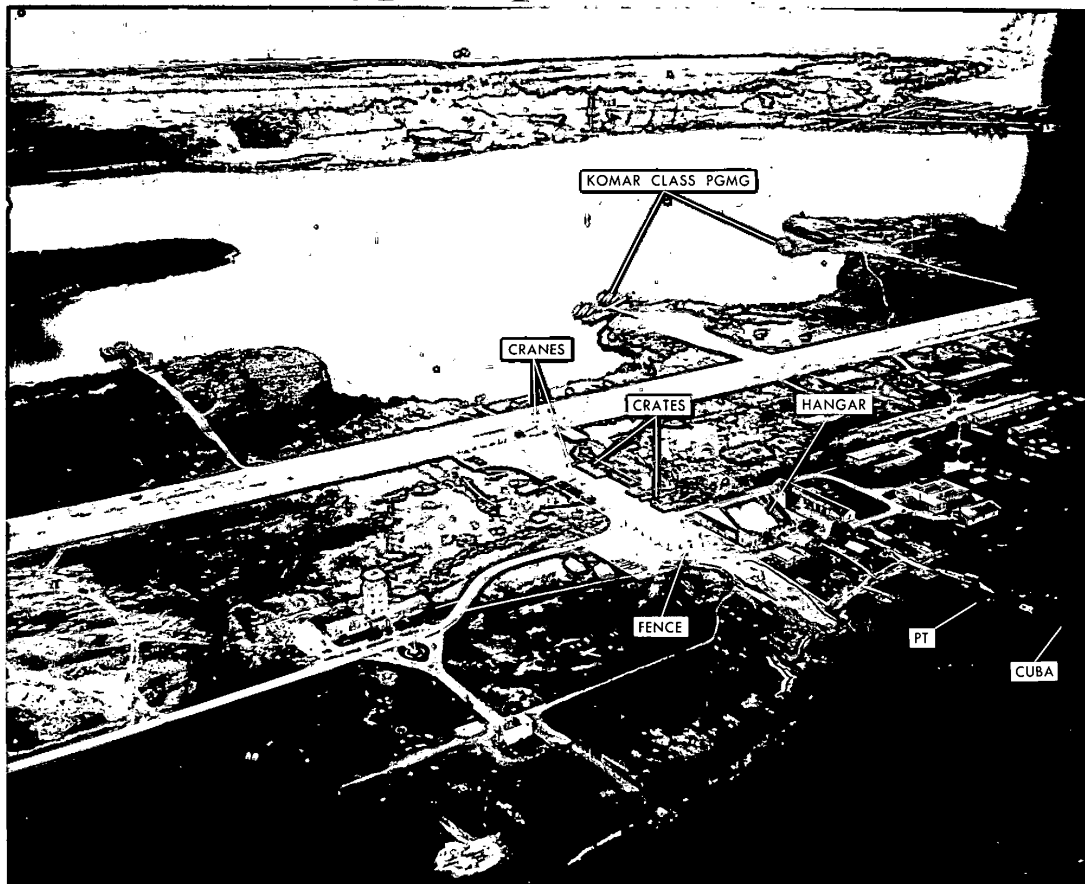


SECRET

NATIONAL PHOTOGRAPHIC INTERPRETATION CENTER

50X1

# PROB STORAGE AREA FOR KOMAR CLASS PGMG MISSILE MARIEL NAVAL AIR STATION



NPIC H-0213 (11/62)

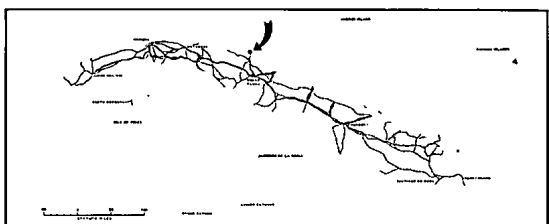
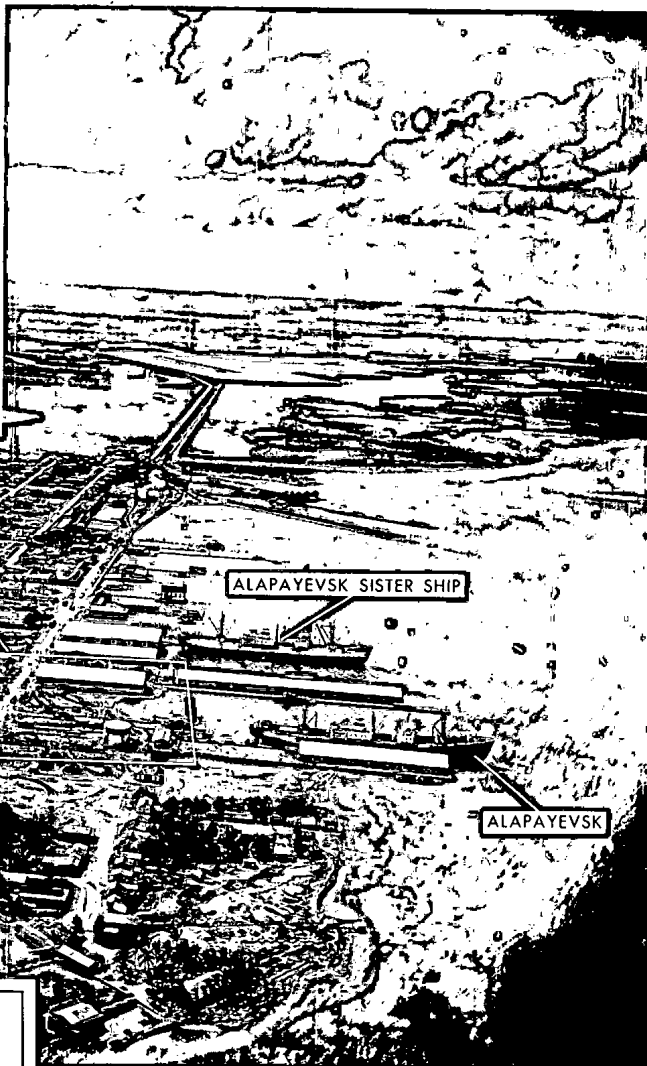
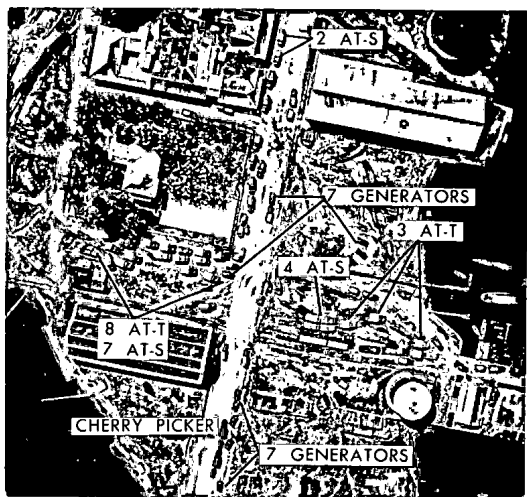
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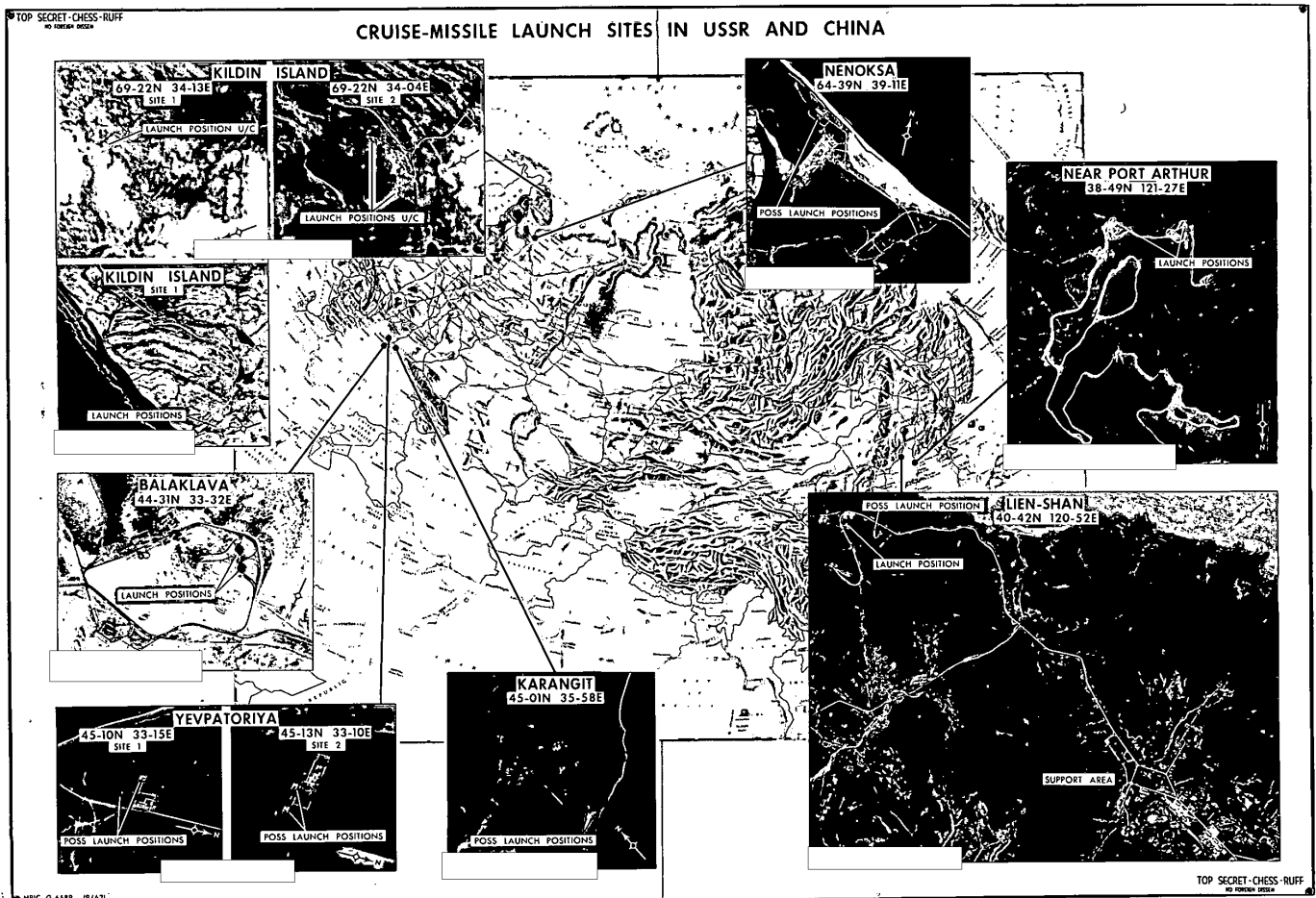
SECRET

NATIONAL PHOTOGRAPHIC INTERPRETATION CENTER

# LA ISABELA PORT

22-56N 80-01W





50X1

50X1

50X1

50X1

50X1

50X1

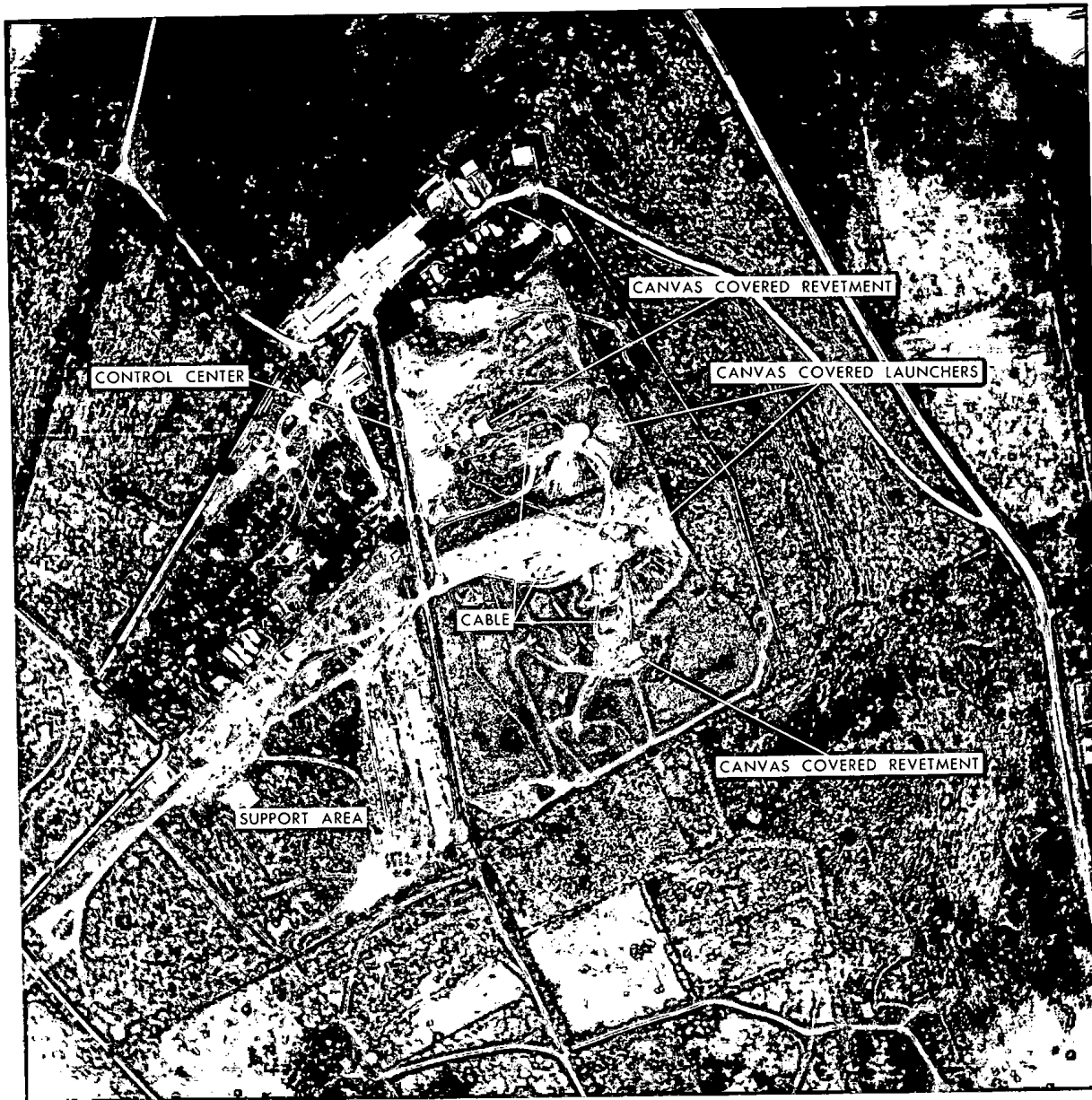
50X1

50X1

SECRET

NATIONAL PHOTOGRAPHIC INTERPRETATION CENTER

# SANTA CRUZ, DEL NORTE CRUISE MISSILE SITE

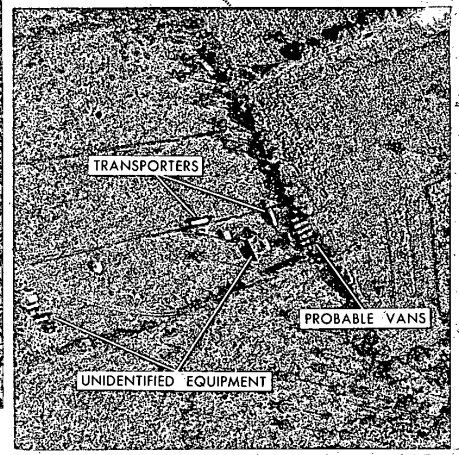
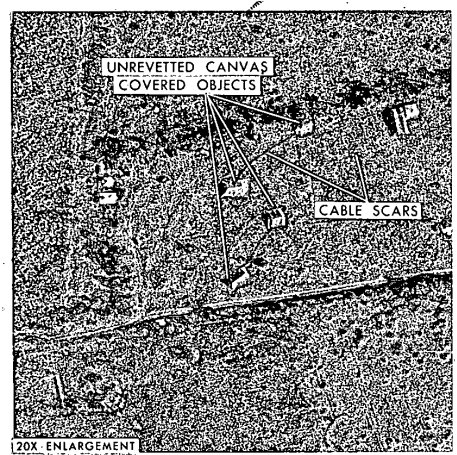


NPIC H-0210 (11/62)

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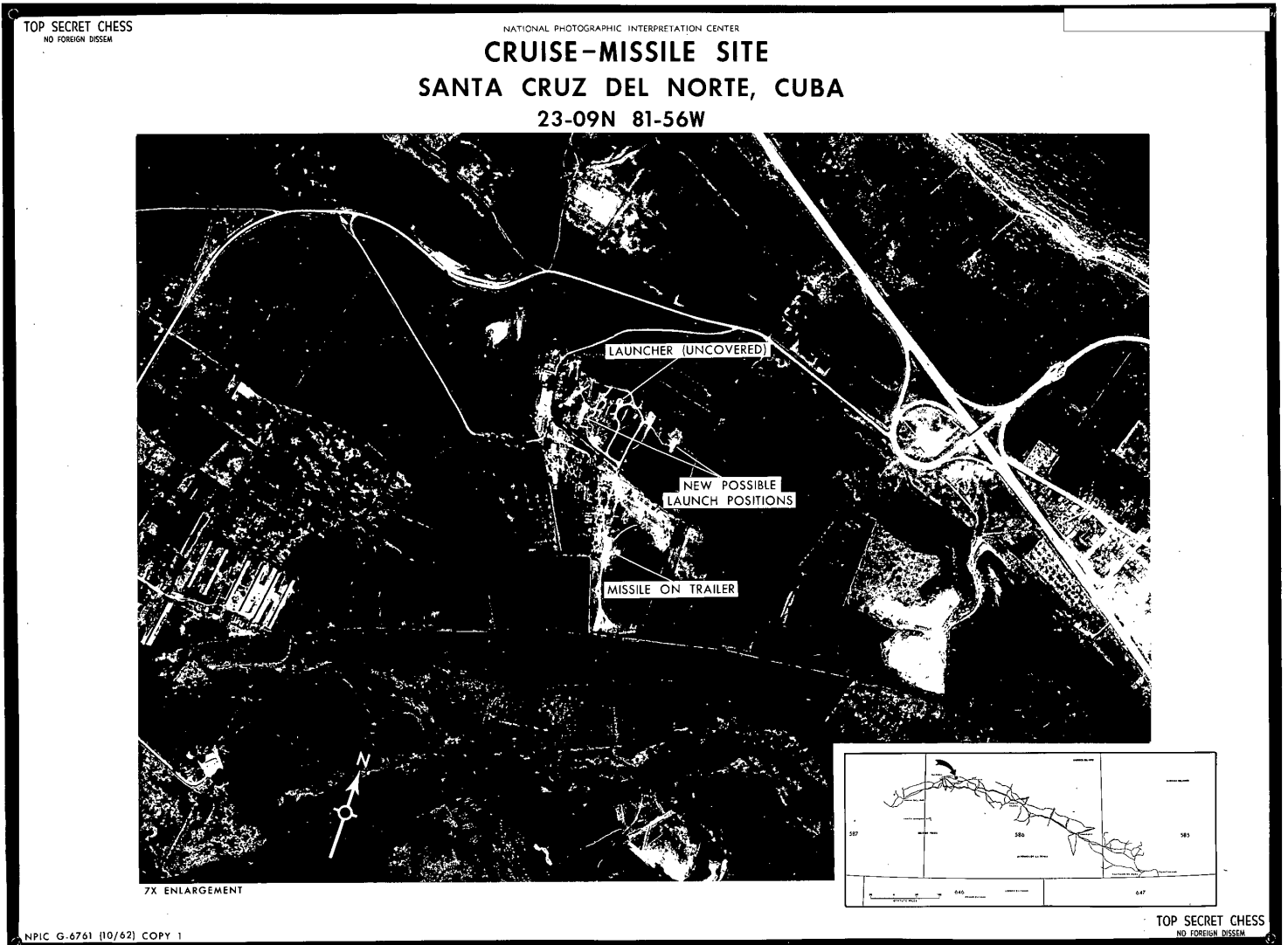
TOP SECRET CHESS  
NO FOREIGN DISSEM

### MISSILE INSTALLATION CAMPO FLORIDO 23-06N 82-11W



NPIC G-6638 (9/62)

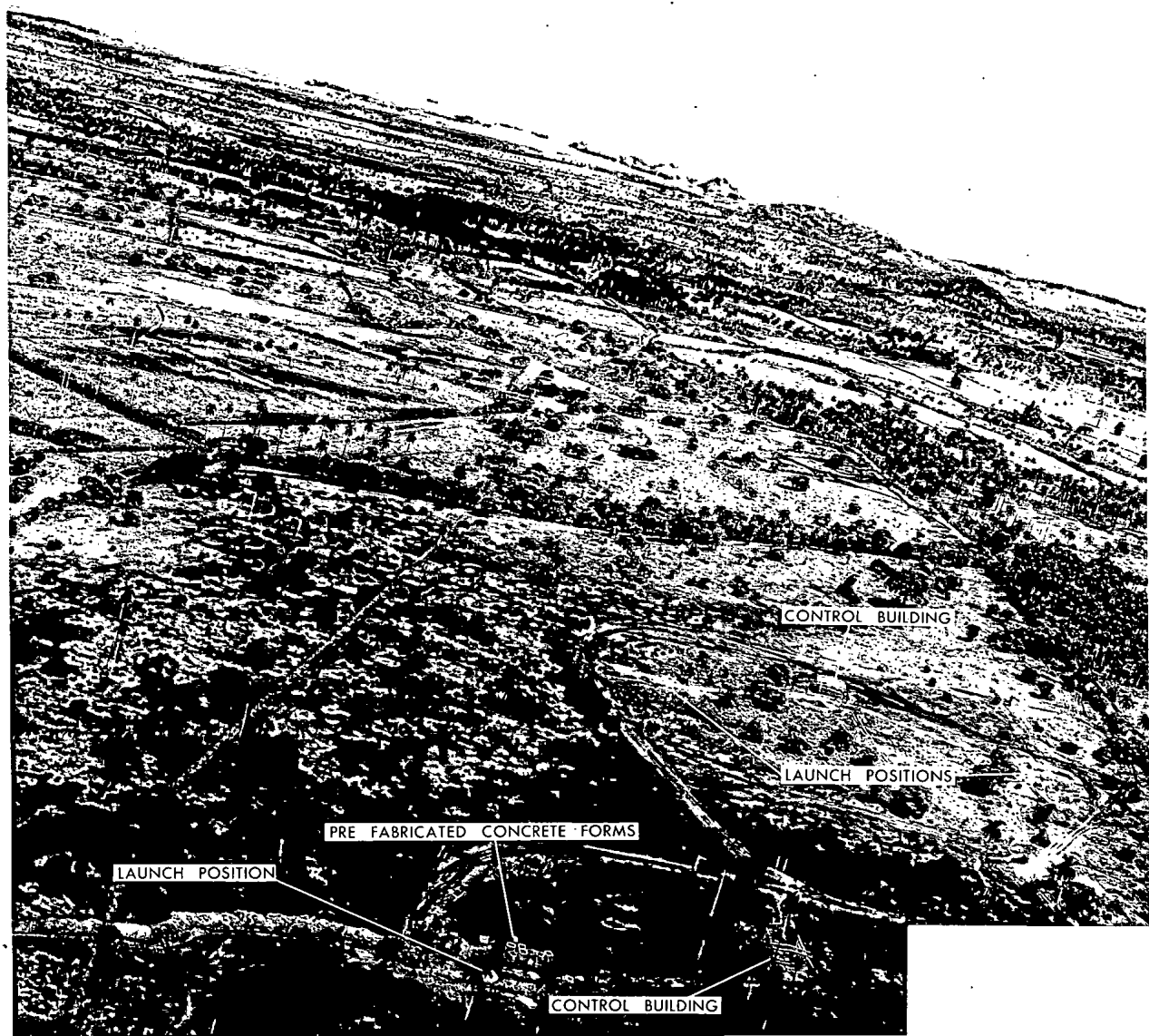
TOP SECRET CHESS  
NO FOREIGN DISSEM

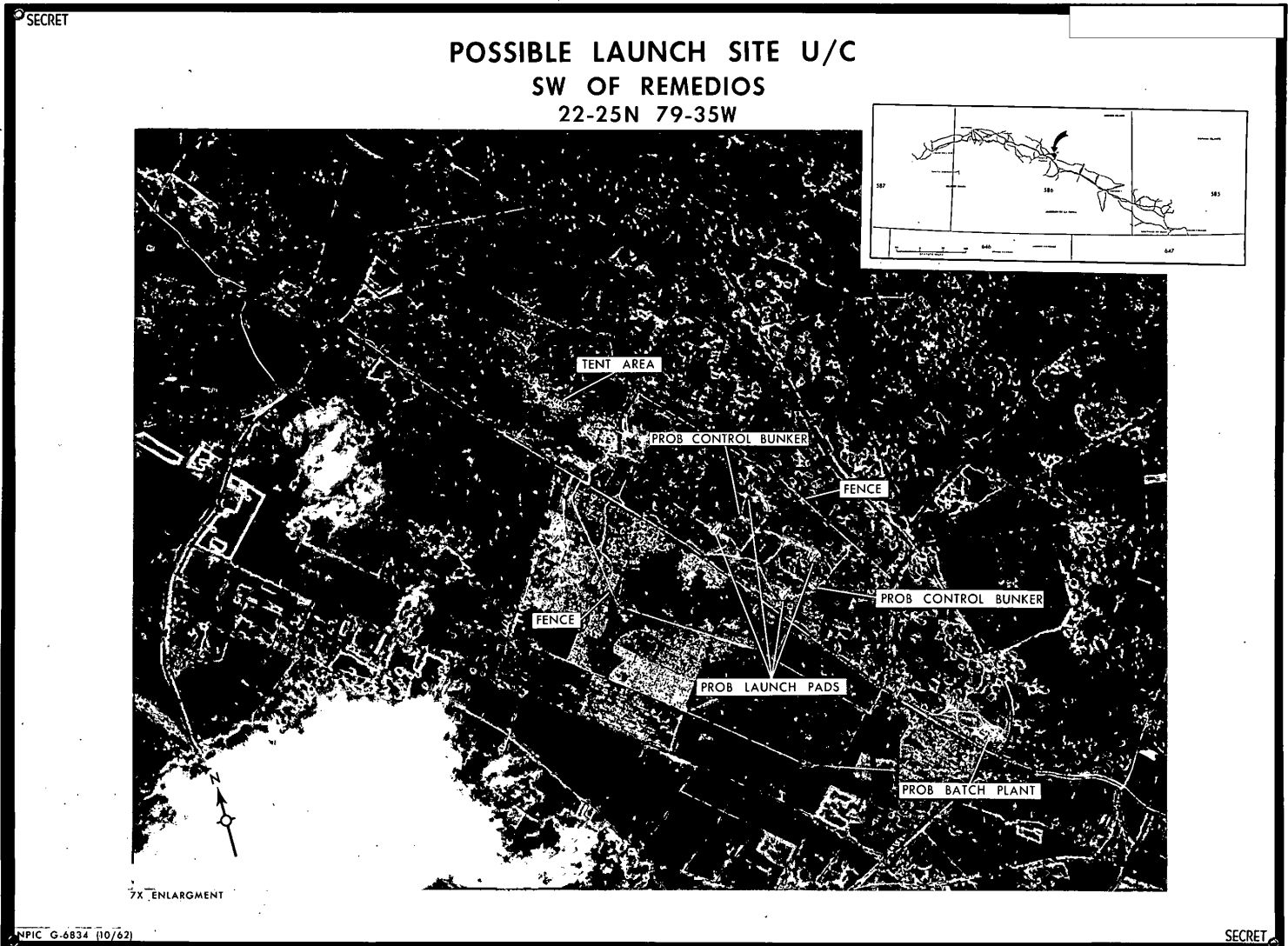


50X1

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# IRBM LAUNCH SITE REMEDIOS



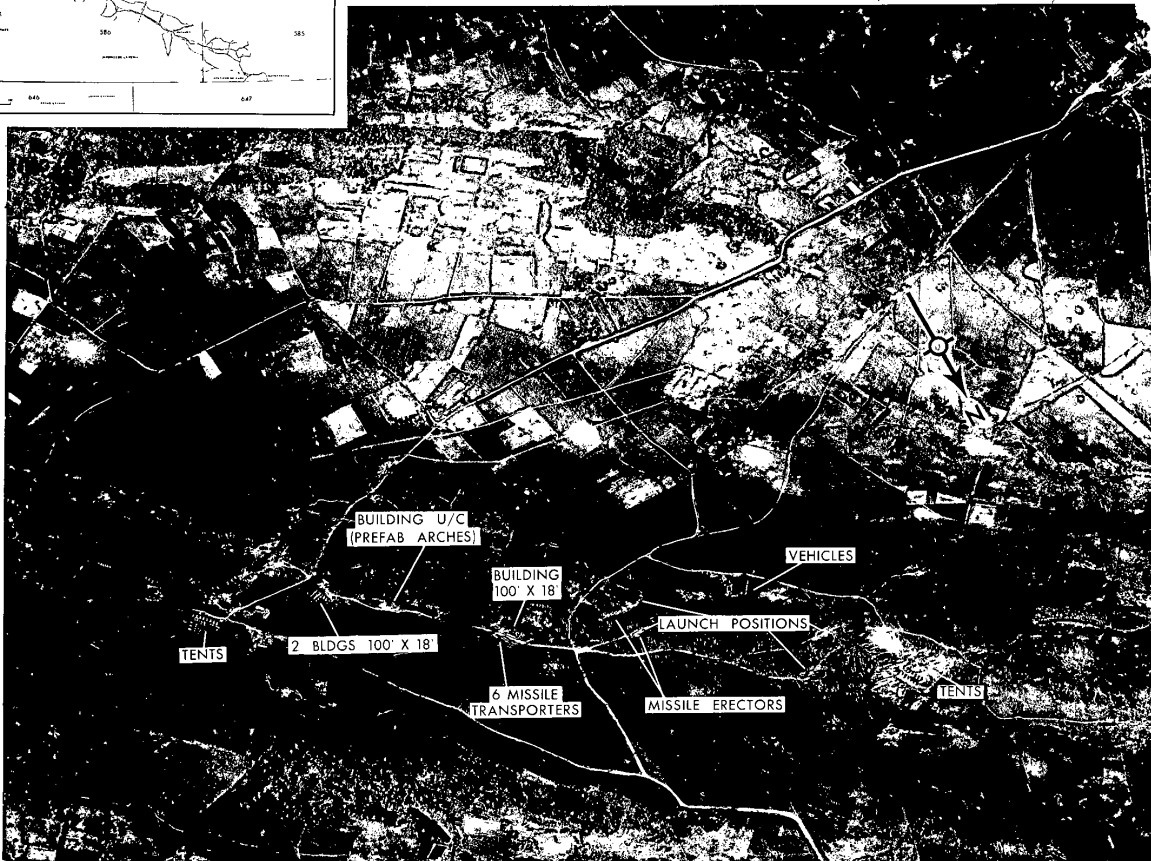
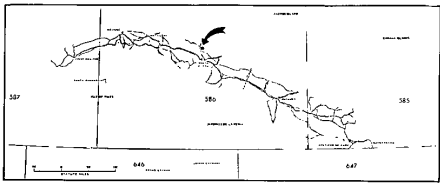




TOP SECRET CHESS PSALM  
NO FOREIGN DISSEM

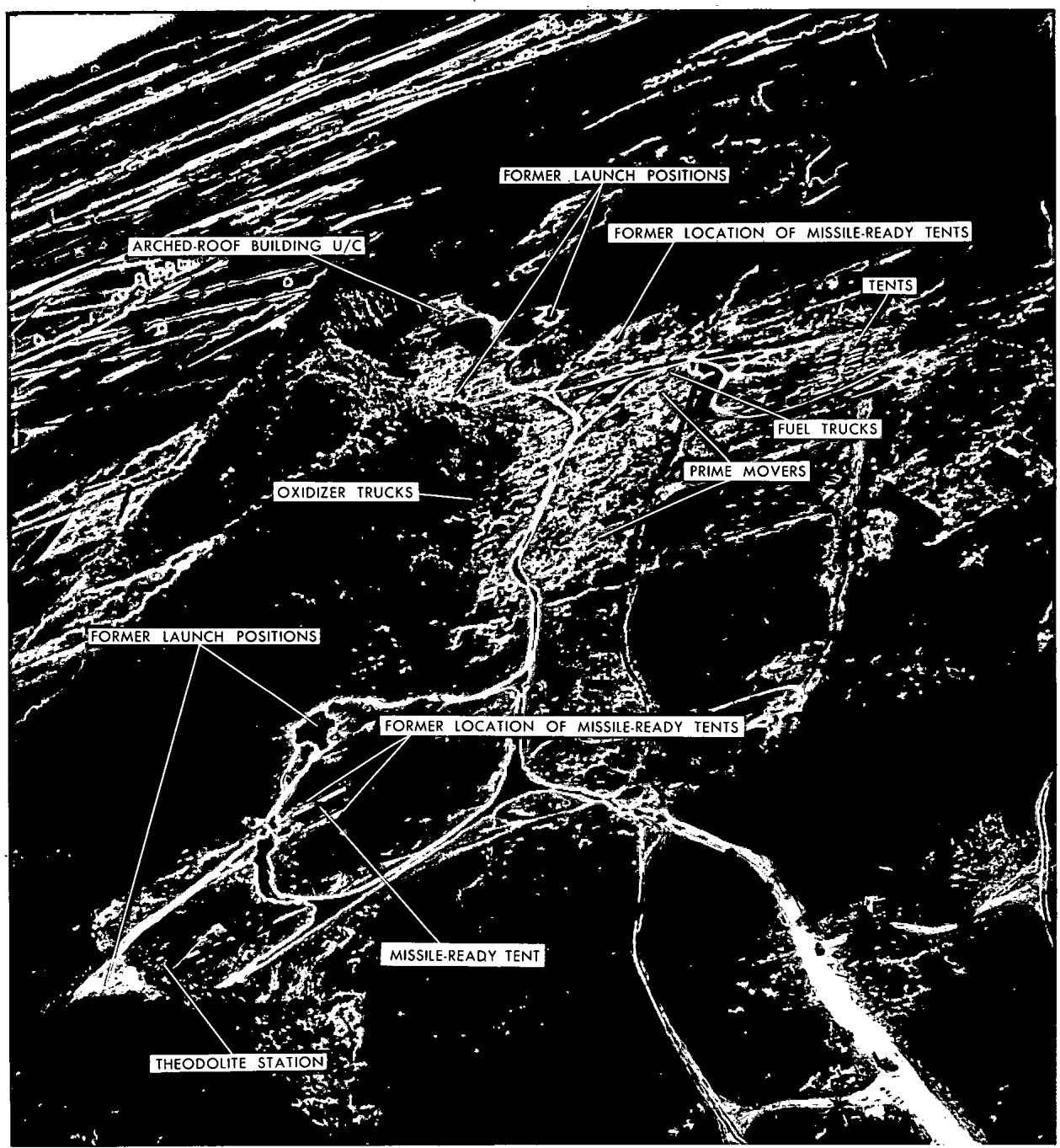
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### MRBM LAUNCH SITE SAGUA LA GRANDE 22-43N 80-01W



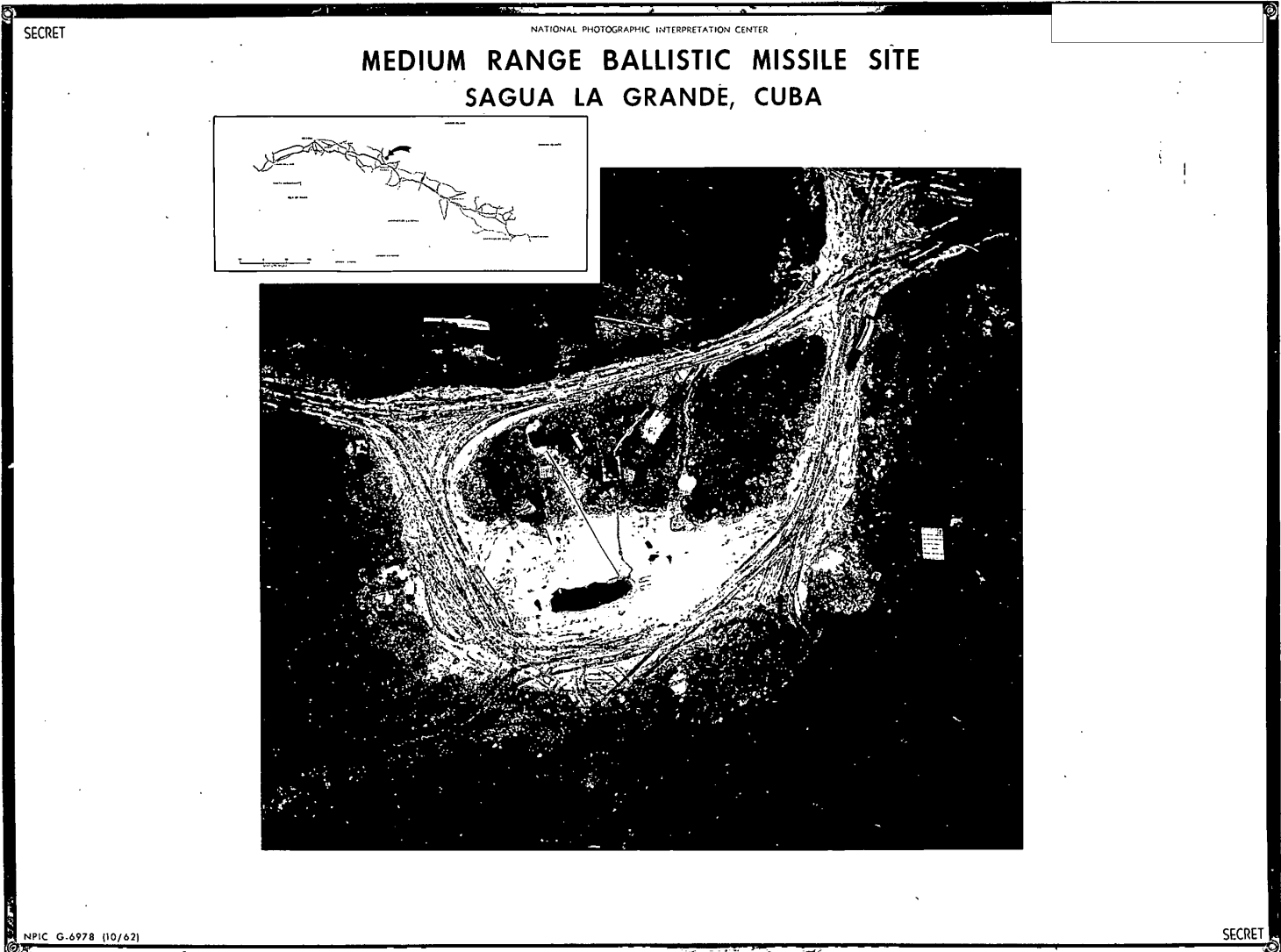
SECRET

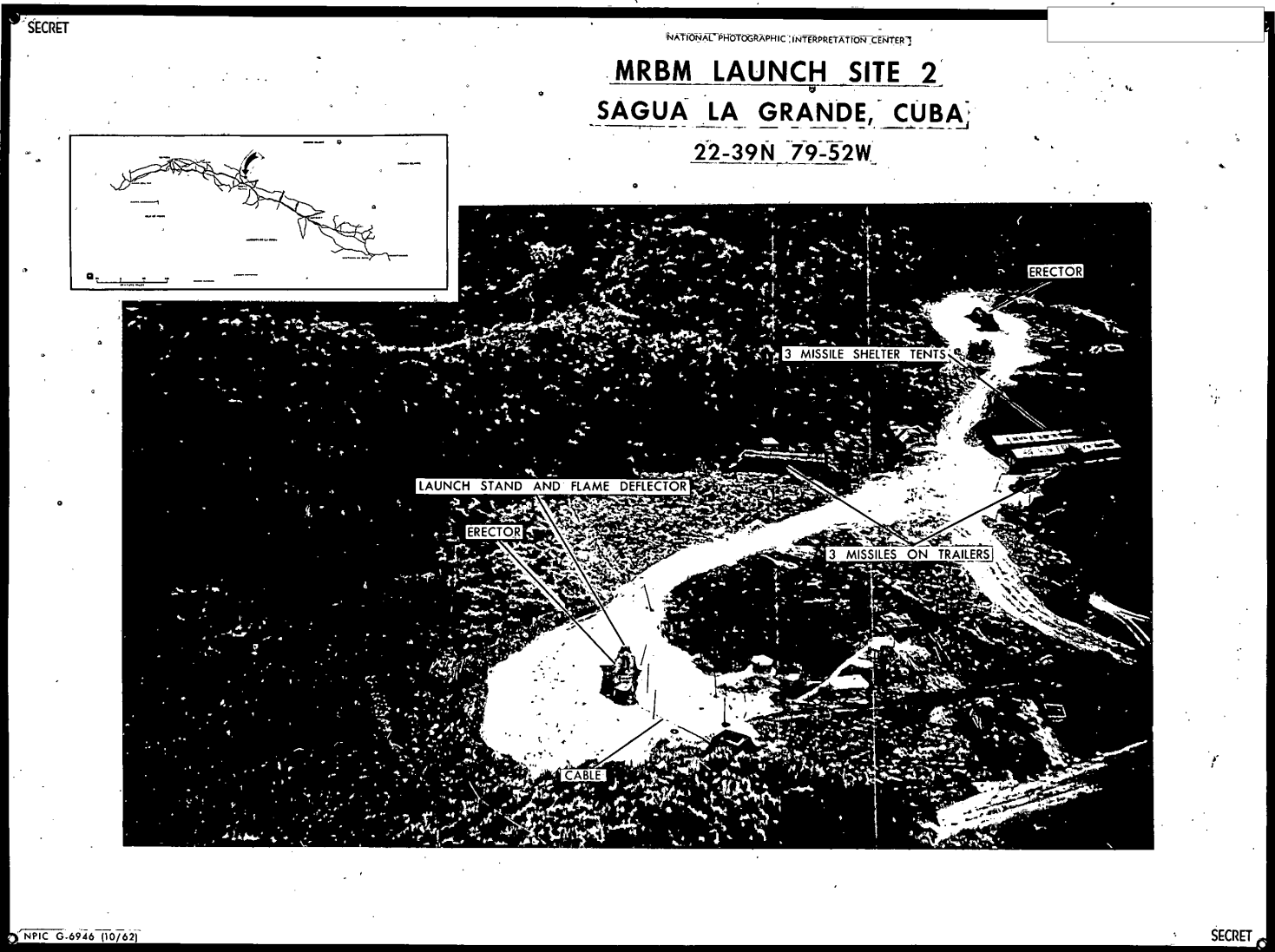
NATIONAL PHOTOGRAPHIC INTERPRETATION CENTER  
**MRBM LAUNCH SITE 2**  
**SAGUA LA GRANDE**



NPIC H-0056 (11/62)

SECRET





SECRET

NATIONAL PHOTOGRAPHIC INTERPRETATION CENTER

# MRBM LAUNCH SITE 2

## SAGUA LA GRANDE



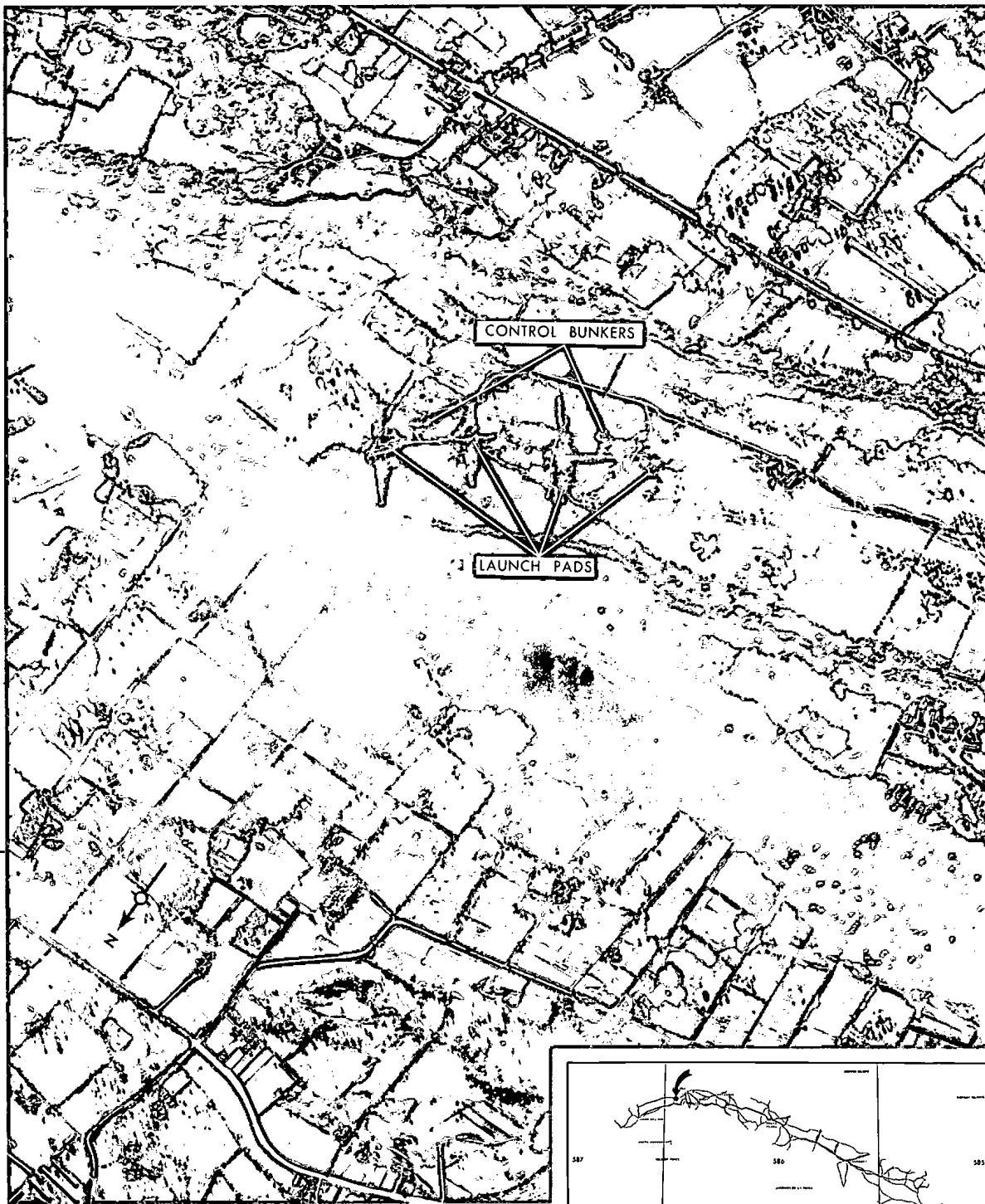
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SECRET

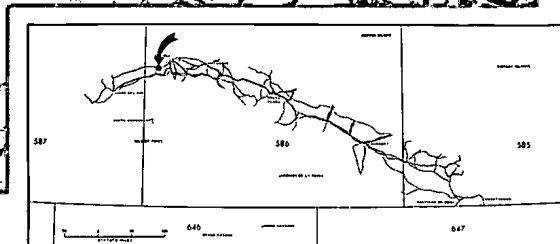
TOP SECRET CHESS PSALM  
NO FOREIGN DISSEM

# GUANAJAY IRBM LAUNCH SITE 2 U/C

22-57N 82-37W



6X ENLARGEMENT



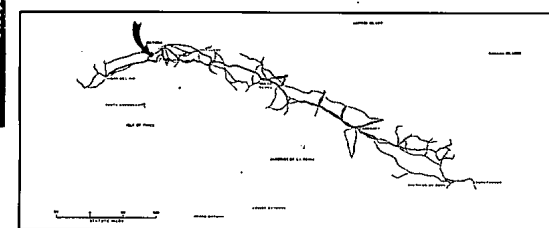
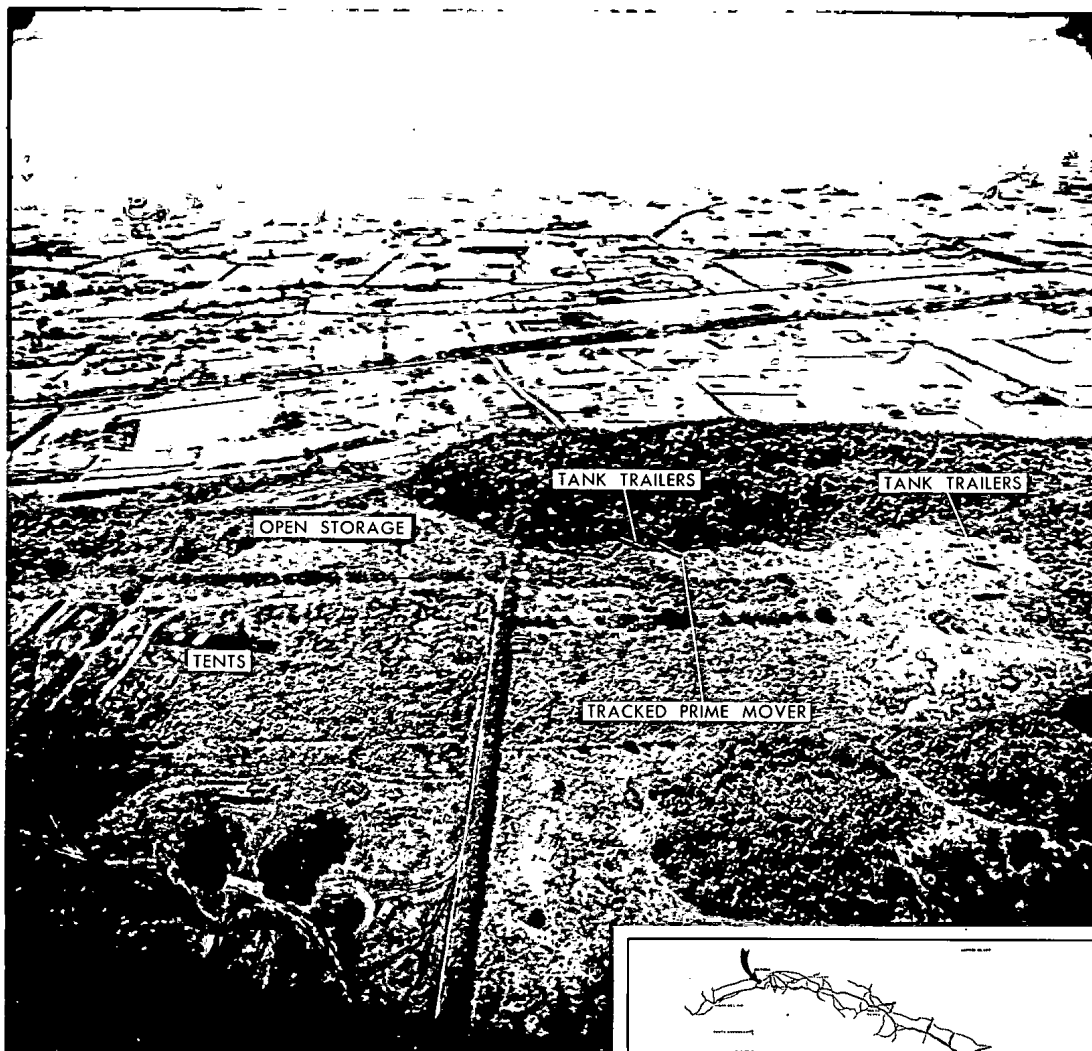
TOP SECRET CHESS PSALM  
NO FOREIGN DISSEM

SECRET

50X1

NATIONAL PHOTOGRAPHIC INTERPRETATION CENTER

# EQUIPMENT ASSEMBLY AREA GUANAJAY IRBM COMPLEX 22-56N 82-39W



NPIC G-6991 (10/62)

SECRET

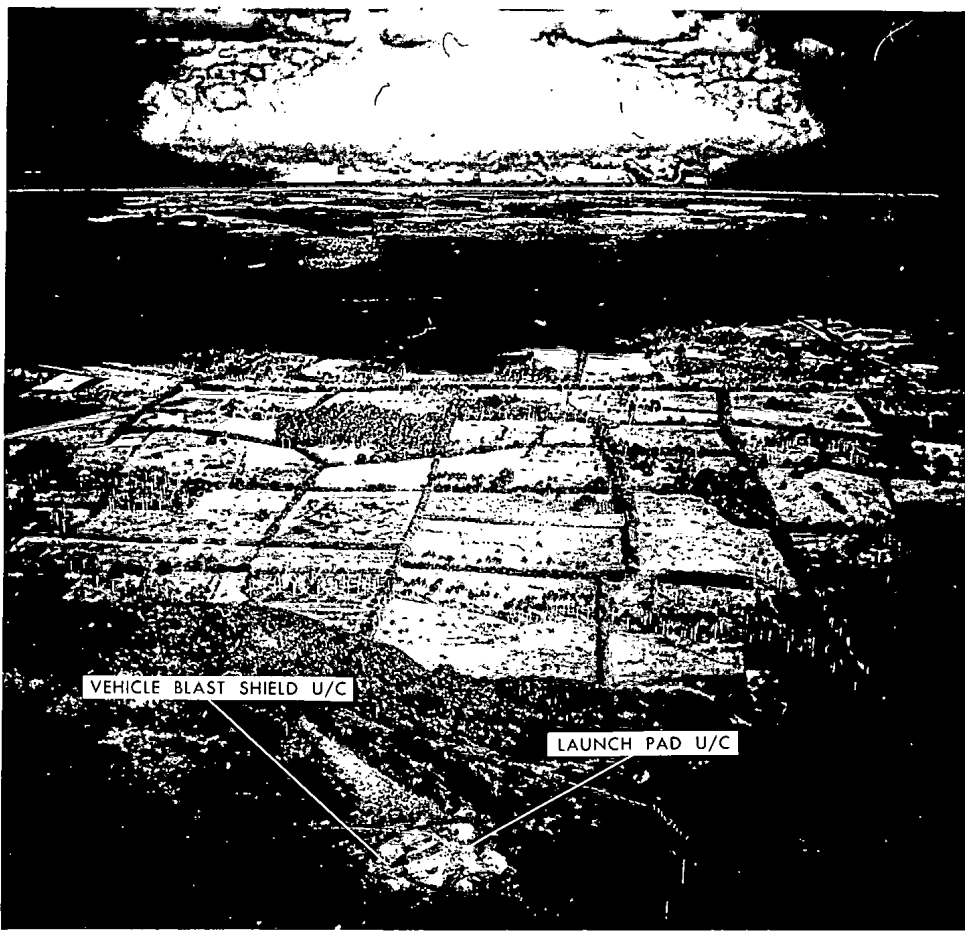
SECRET

50X1

NATIONAL PHOTOGRAPHIC INTERPRETATION CENTER

# IRBM LAUNCH SITE 2

## GUANAJAY, CUBA



VEHICLE BLAST SHIELD U/C

LAUNCH PAD U/C



SECRET

NATIONAL PHOTOGRAPHIC INTERPRETATION CENTER  
**MRBM LAUNCH SITE 4**  
**SAN CRISTOBAL, CUBA**



NPIC H-0009 (10/62)

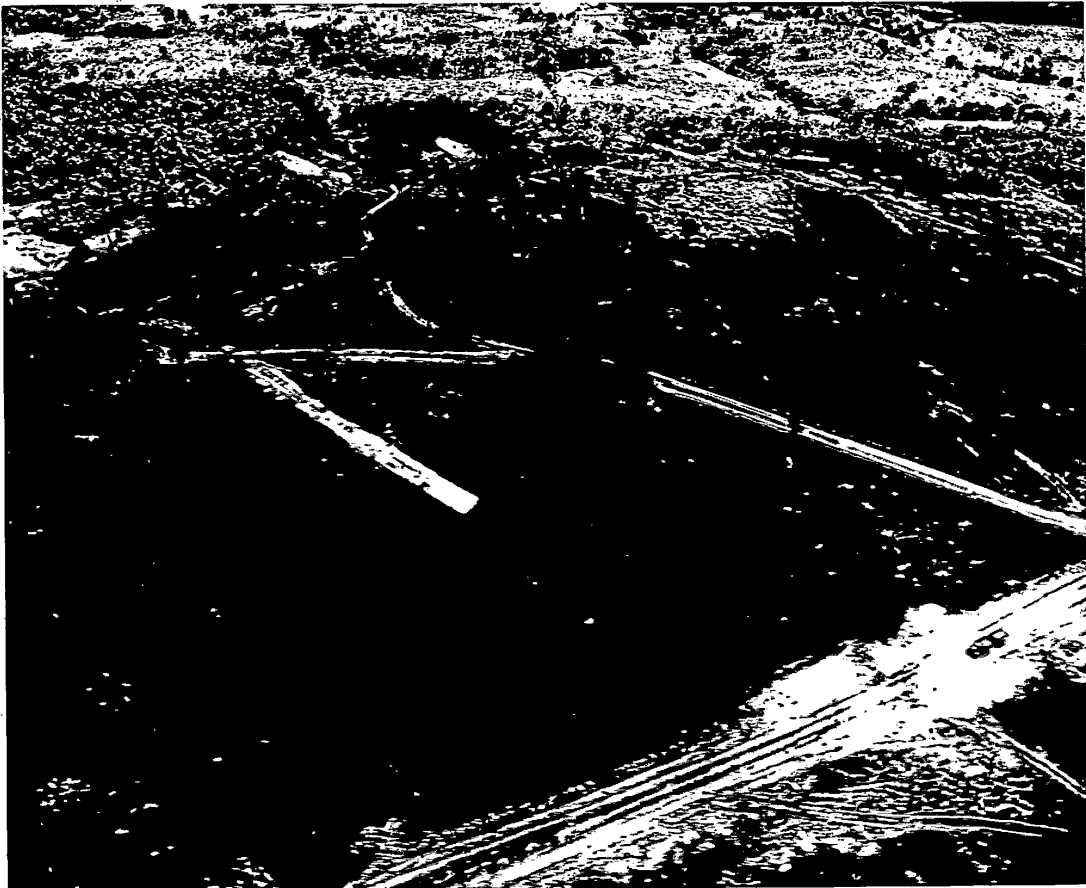
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SECRET

NATIONAL PHOTOGRAPHIC INTERPRETATION CENTER

**MRBM LAUNCH SITE 4  
SAN CRISTOBAL**

50X1



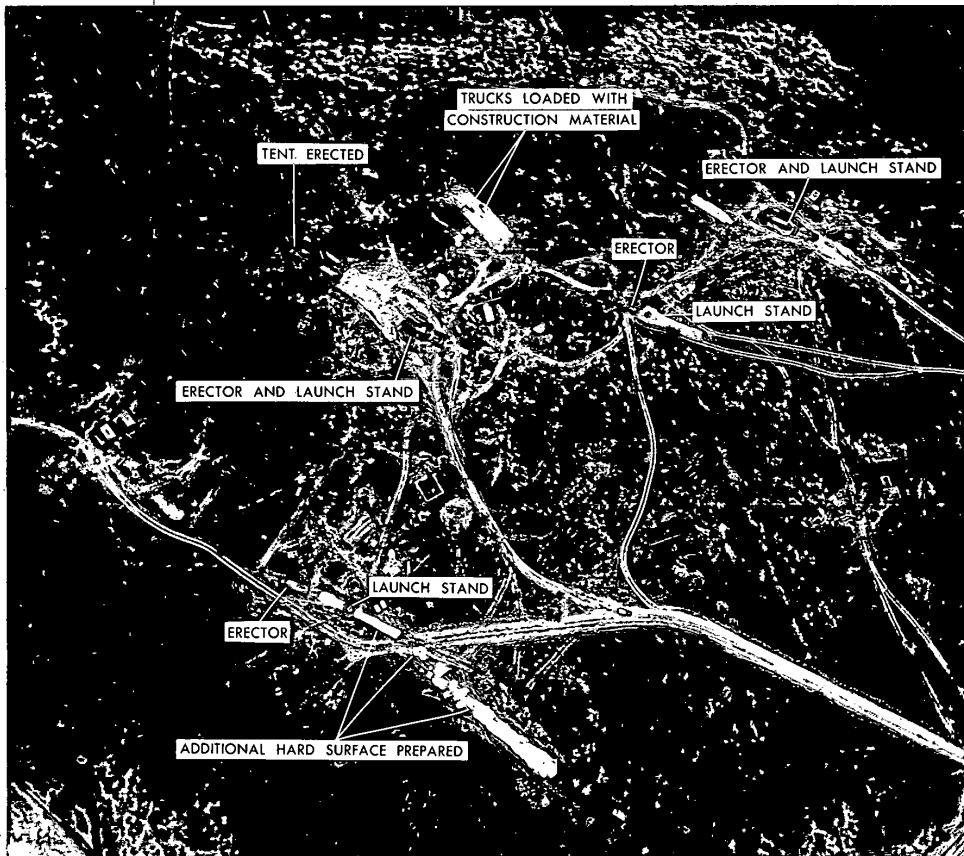
NPIC H-0061 (11/62)

SECRET

SECRET

50X1

NATIONAL PHOTOGRAPHIC INTERPRETATION CENTER  
**MRBM LAUNCH SITE 4**  
**SAN CRISTOBAL, CUBA**



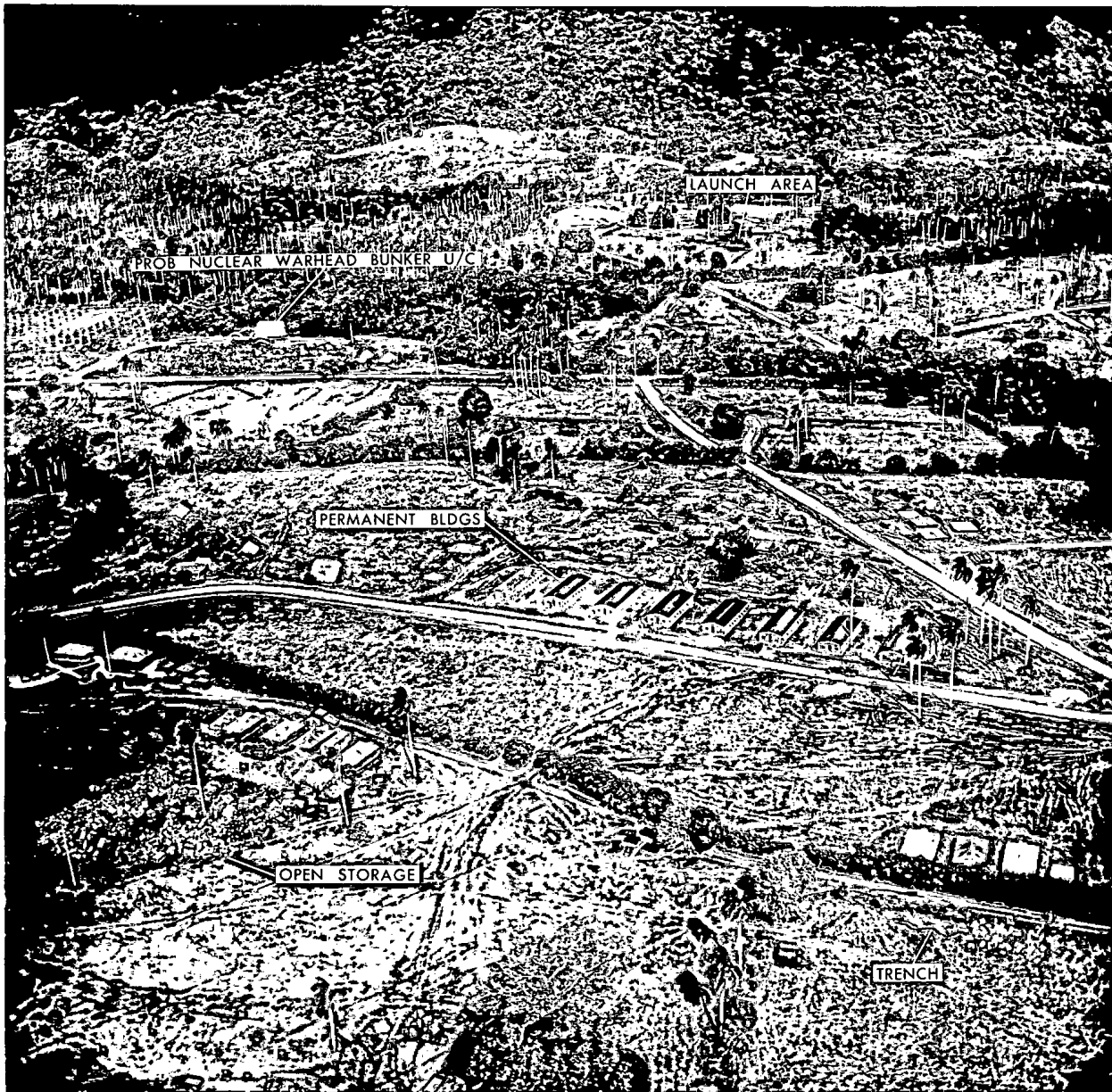
NPIC H-0037 (10/62)

SECRET

SECRET

NATIONAL PHOTOGRAPHIC INTERPRETATION CENTER

# MRBM LAUNCH SITE 3 SAN CRISTOBAL, CUBA



NPIC H-0008 (10/62)

SECRET

SECRET

NATIONAL PHOTOGRAPHIC INTERPRETATION CENTER

50X1

### MRBM LAUNCH SITE 3 SAN CRISTOBAL, CUBA



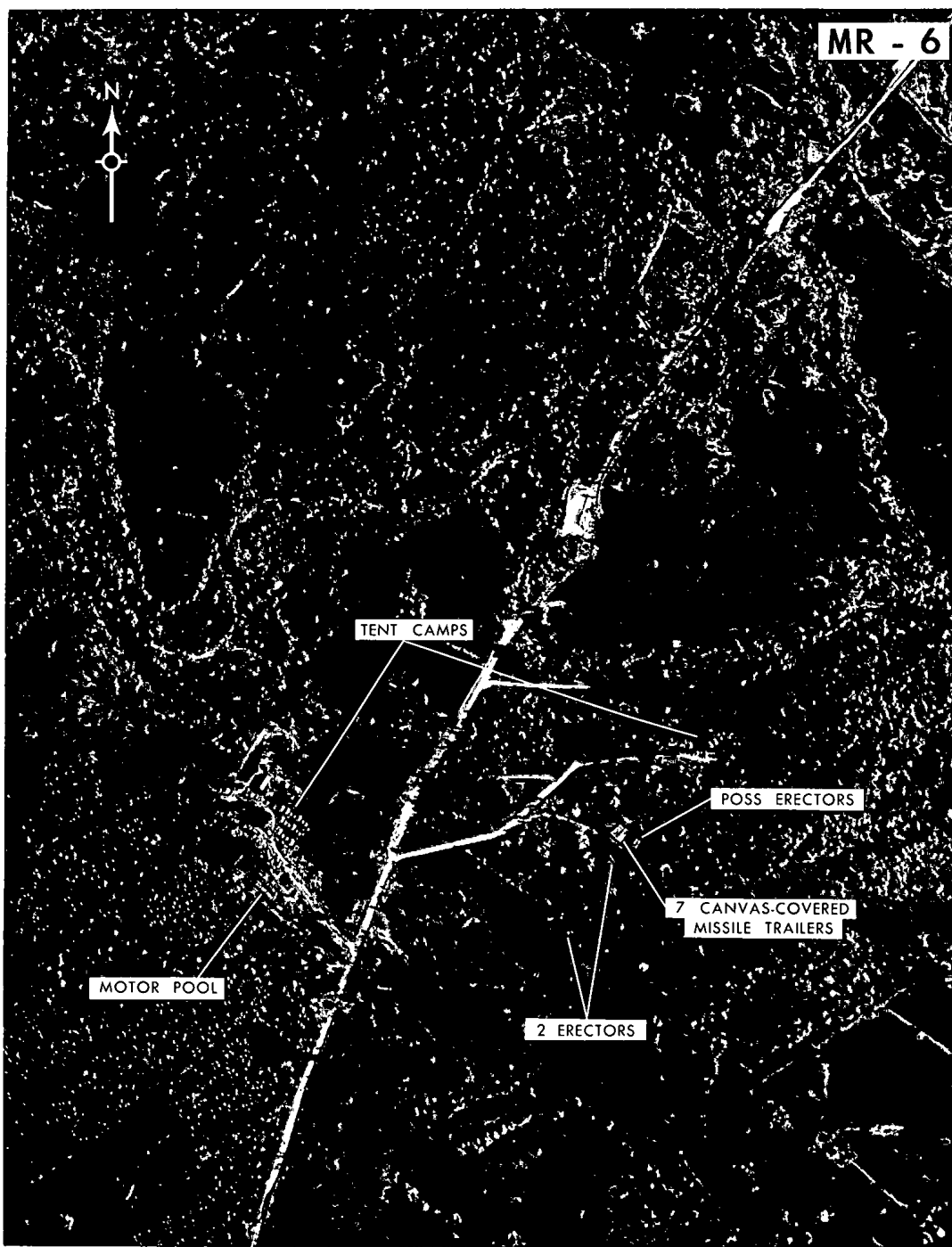
SECRET

SECRET

50X1

# FIELD MRBM LAUNCH SITE NO. 6 SAN CRISTOBAL AREA

22-47N 82-58W



7X ENLARGEMENT

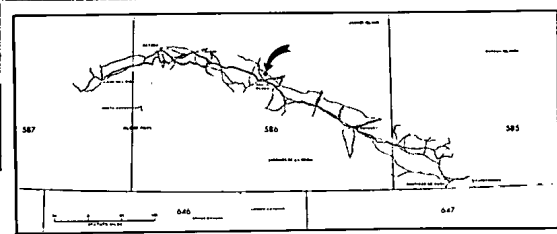
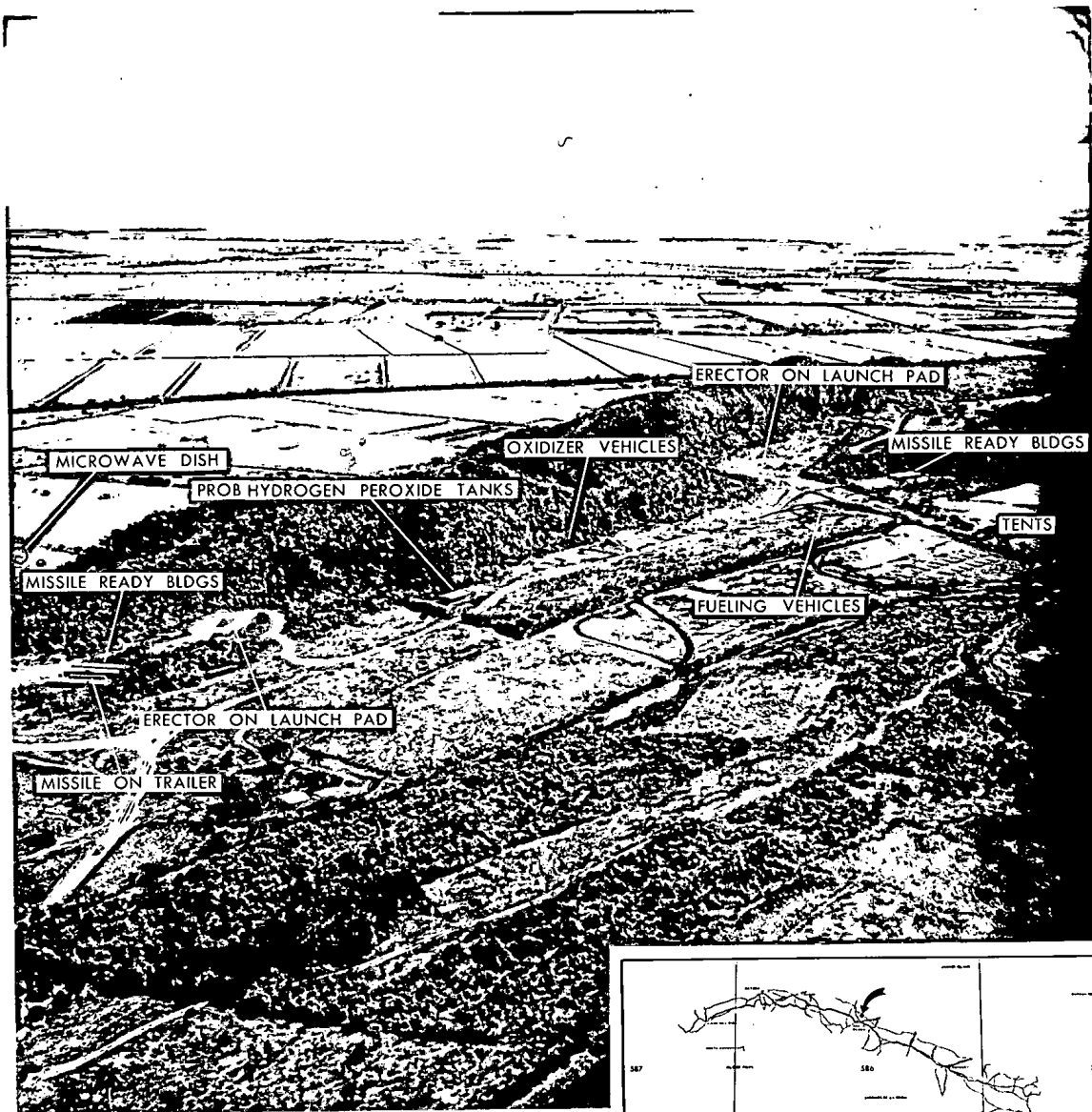
SECRET

SECRET

50X1

NATIONAL PHOTOGRAPHIC INTERPRETATION CENTER

# MRBM LAUNCH SITE NO 5 SAGUA LA GRANDE, CUBA 22-39N 79-52W



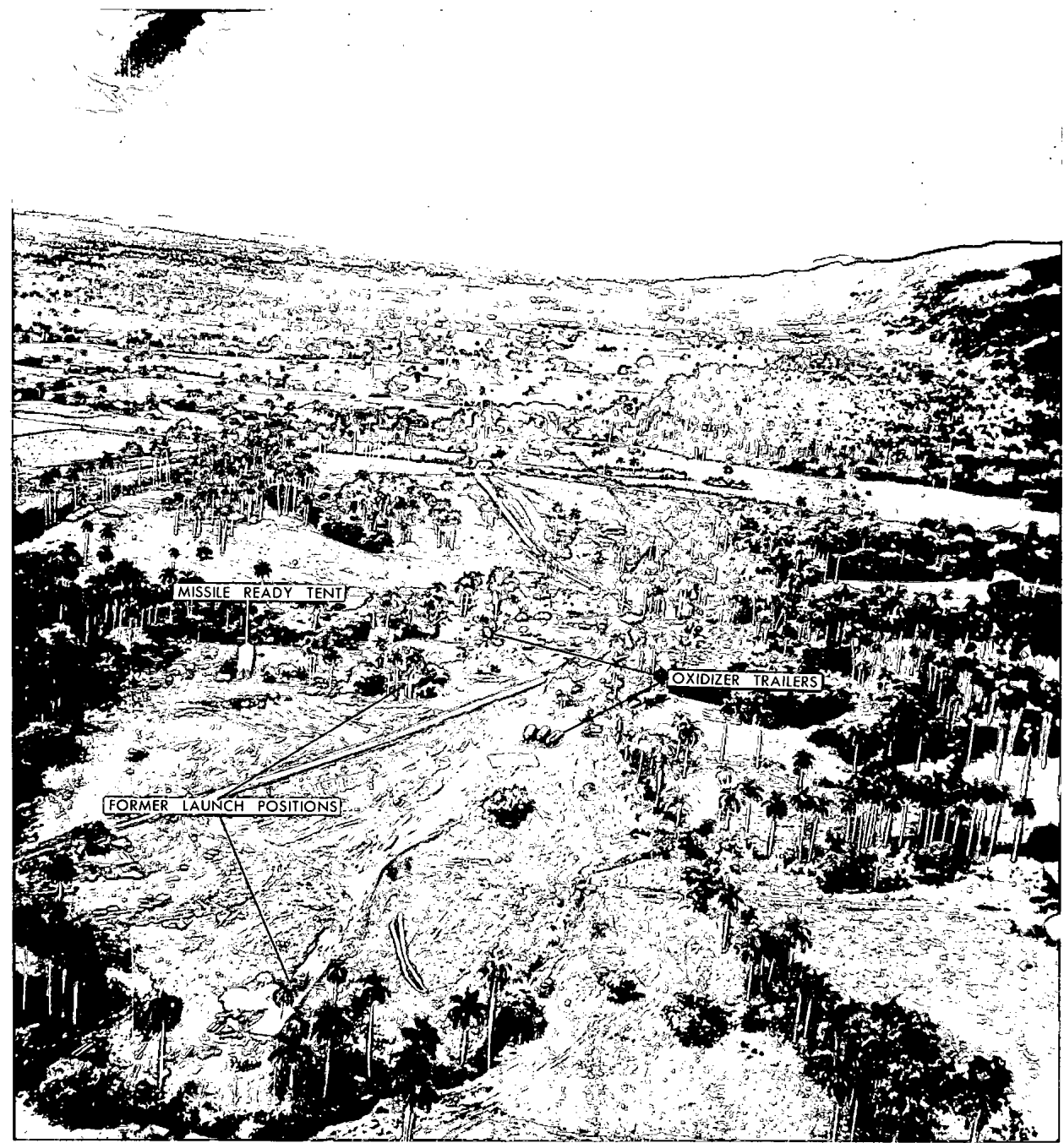
SECRET

50X1

SECRET

NATIONAL PHOTOGRAPHIC INTERPRETATION CENTER

# MRBM LAUNCH SITE 2 SAN CRISTOBAL



NPIC H-0059 (11/62)

SECRET

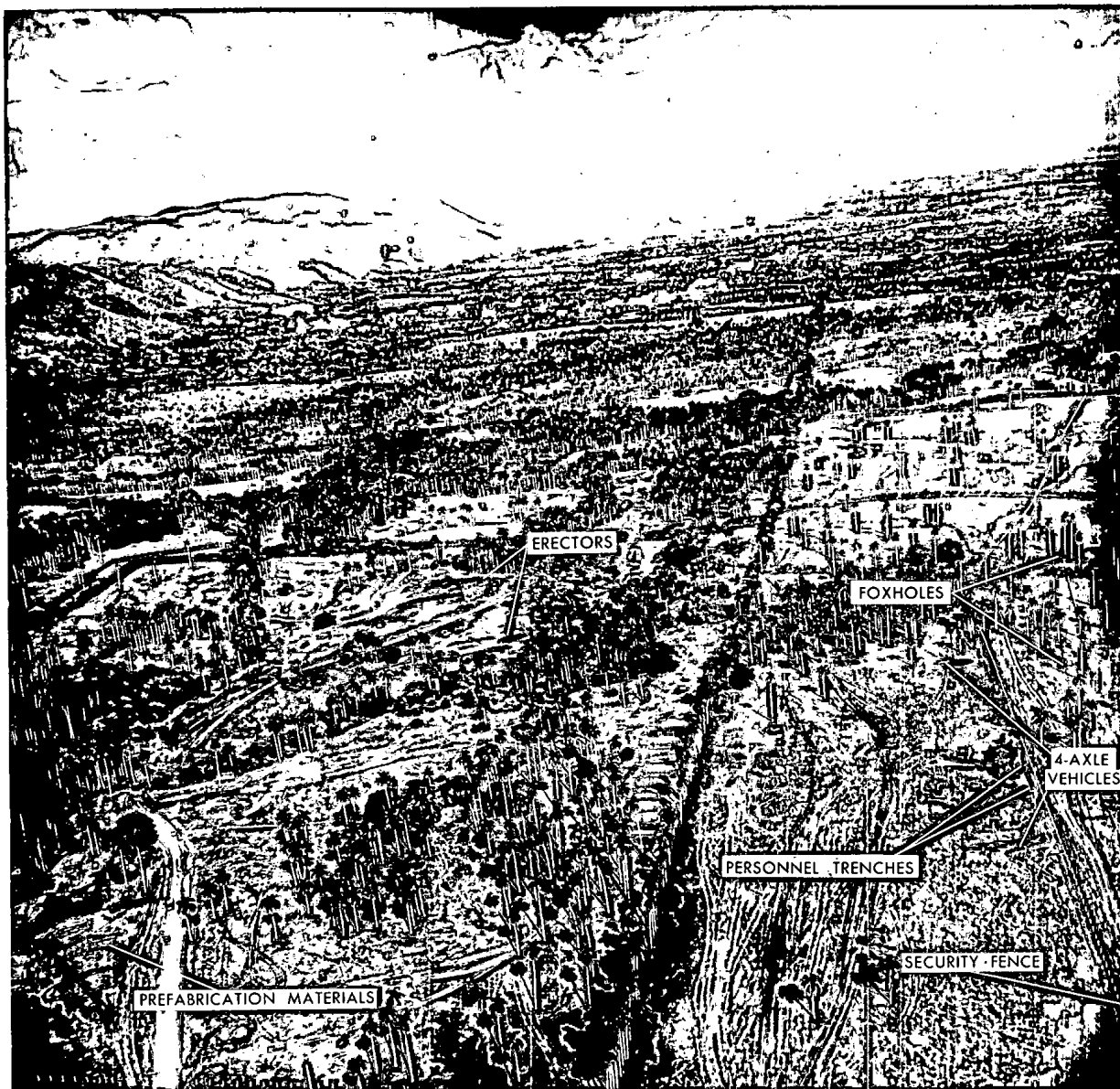


SECRET

NATIONAL PHOTOGRAPHIC INTERPRETATION CENTER

# MRBM LAUNCH SITE 2

## SAN CRISTOBAL, CUBA



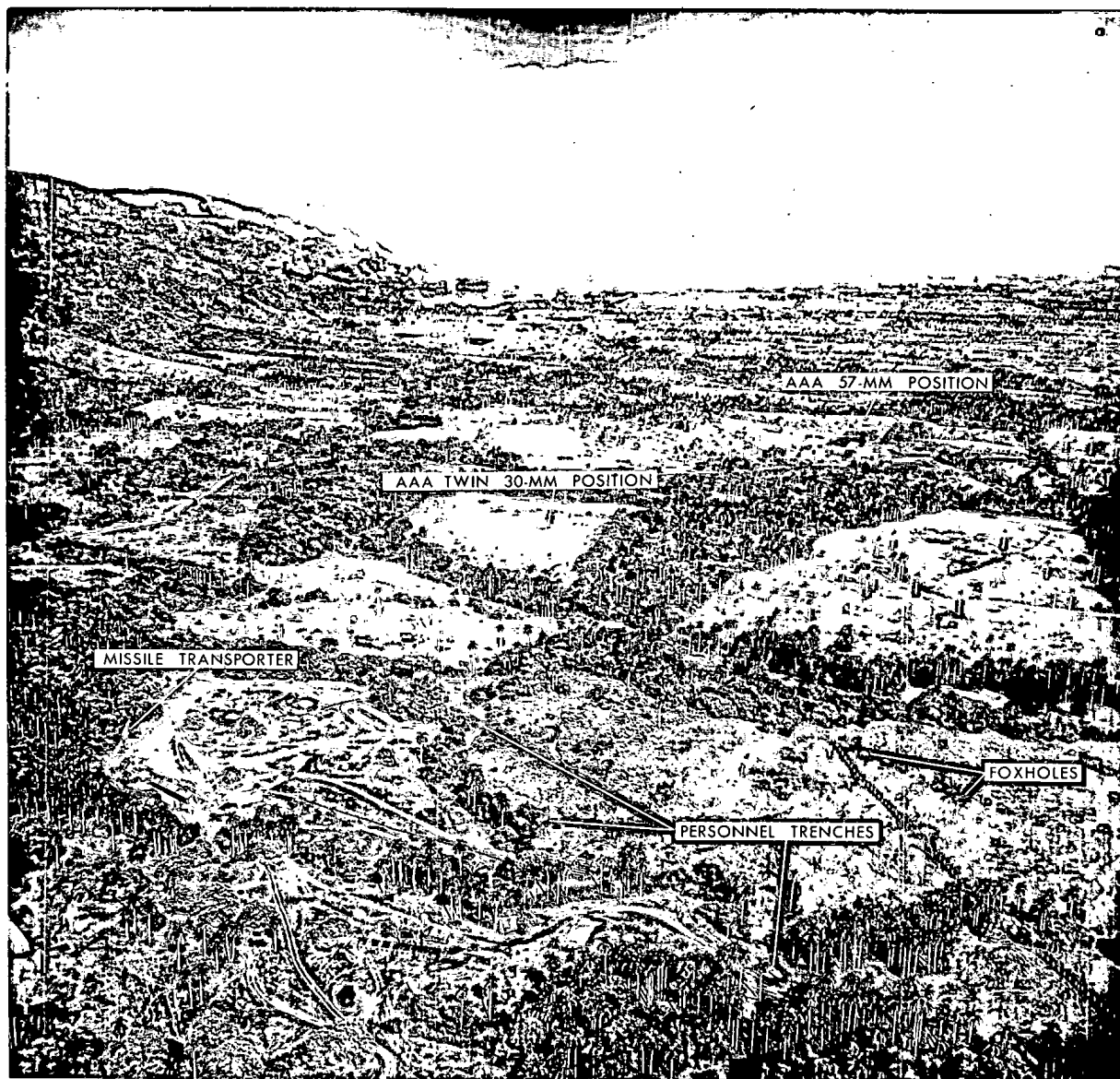
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NATIONAL PHOTOGRAPHIC INTERPRETATION CENTER

# MRBM LAUNCH SITE 1

## SAN CRISTOBAL, CUBA



NPIC H-0006 (10/62)

SECRET

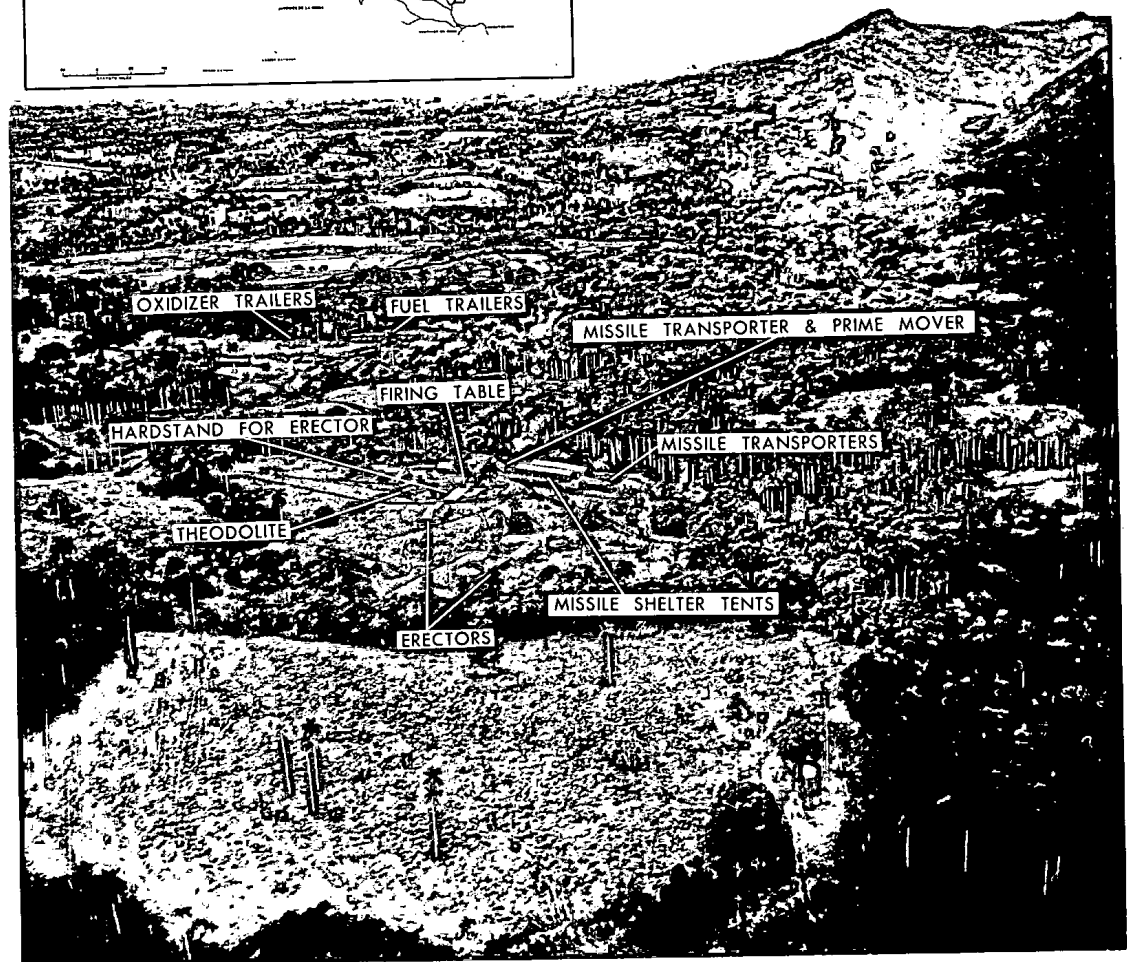
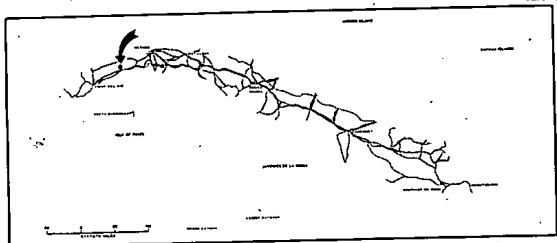
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NATIONAL PHOTOGRAPHIC INTERPRETATION CENTER

# MRBM LAUNCH SITE 1

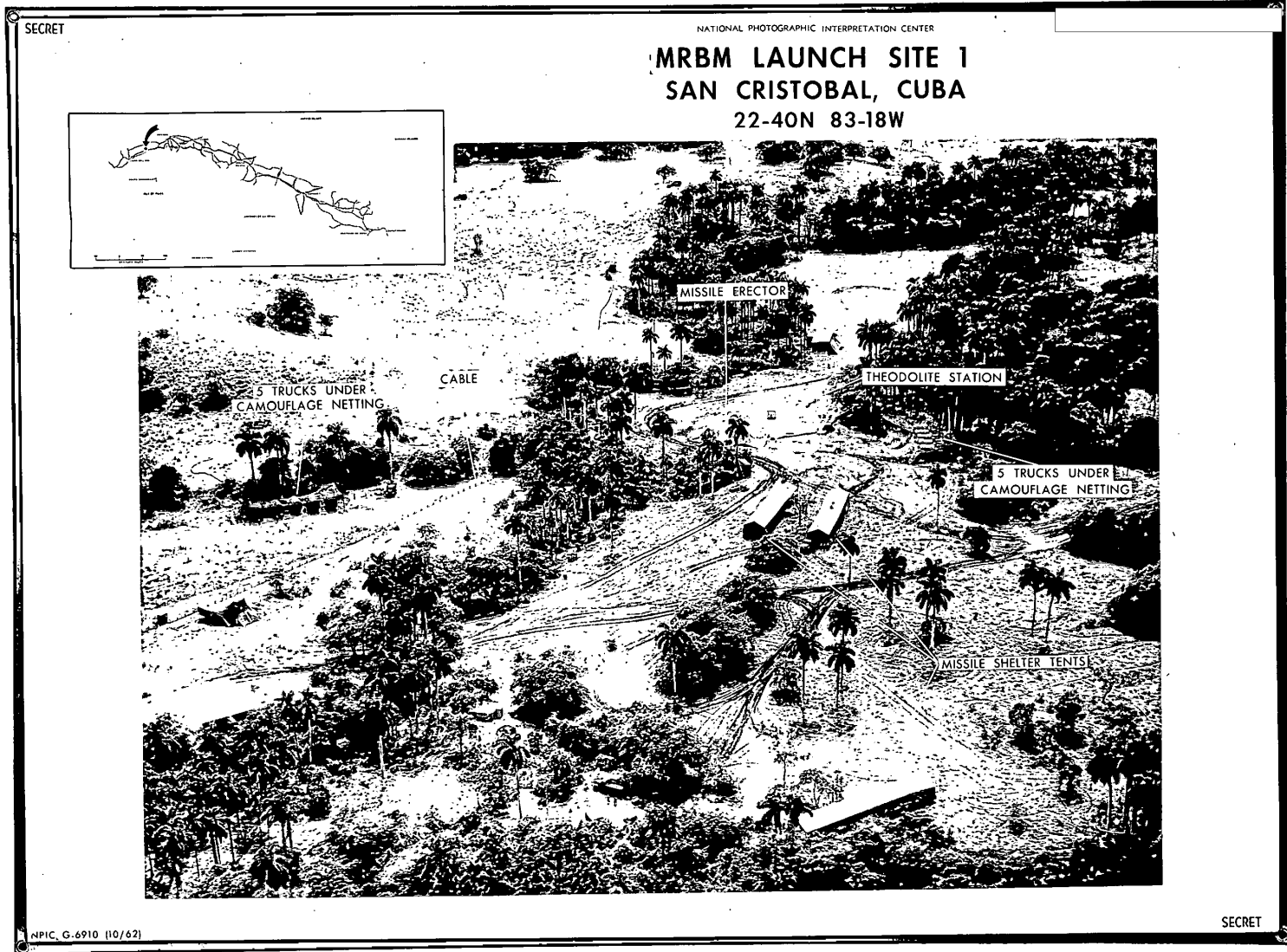
## SAN CRISTOBAL, CUBA

22-40N 83-18W



4X ENLARGEMENT

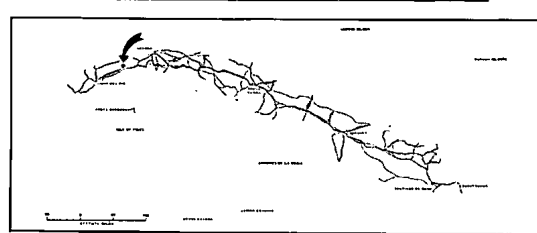
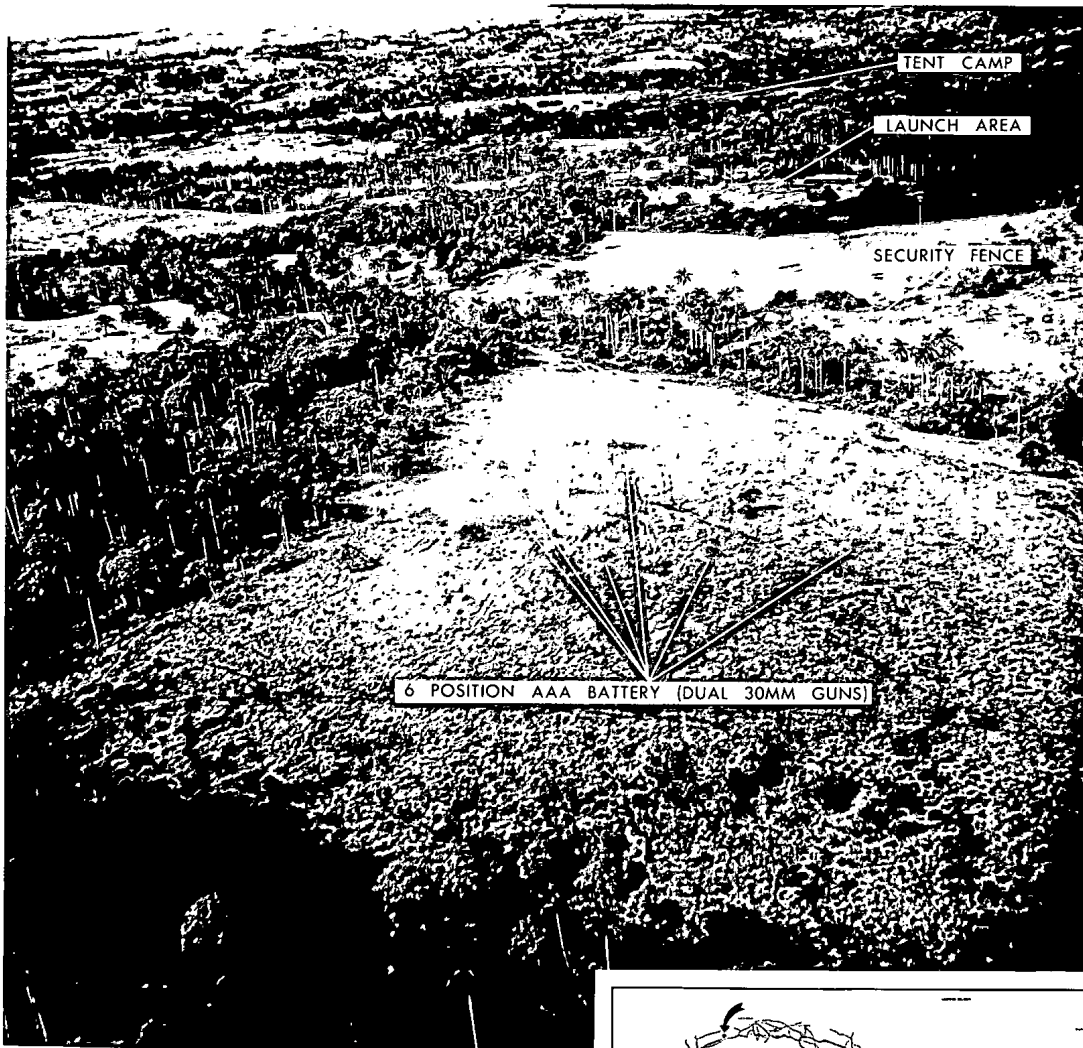
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SECRET

NATIONAL PHOTOGRAPHIC INTERPRETATION CENTER

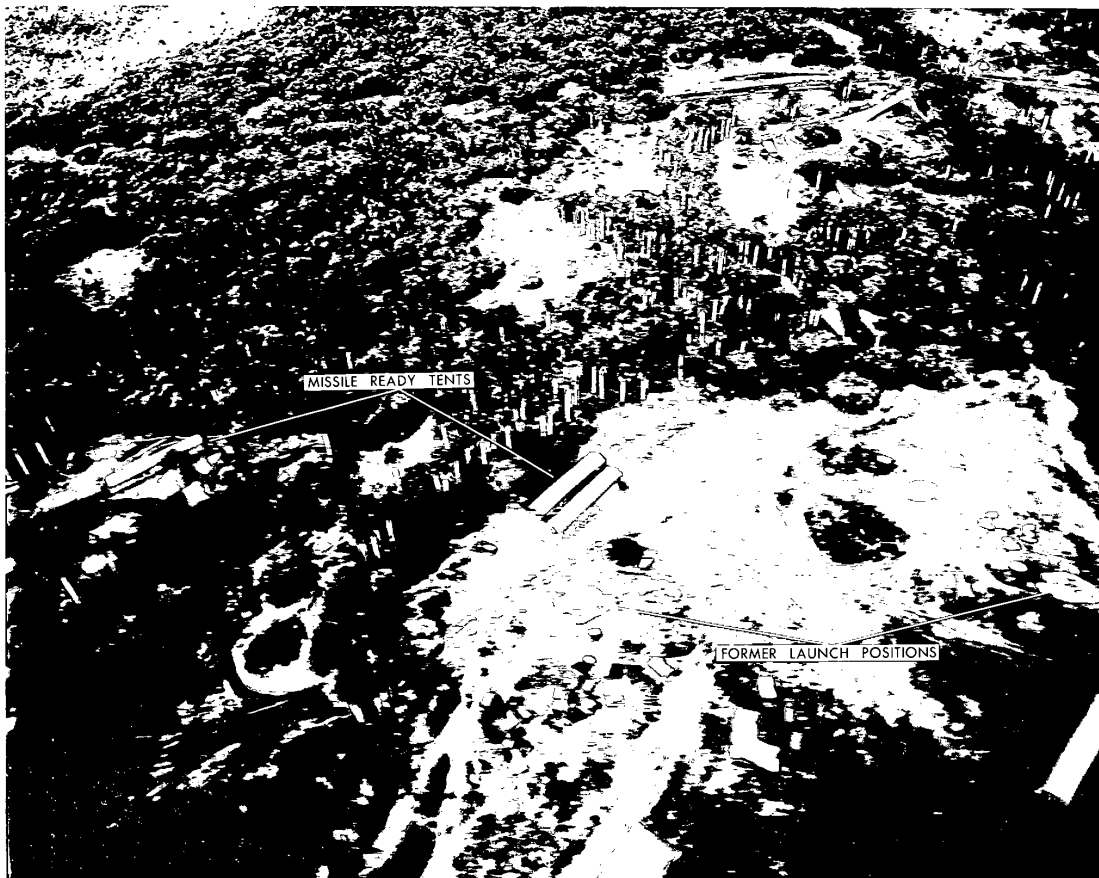
# MRBM LAUNCH SITE 1 SAN CRISTOBAL, CUBA 22-40N 83-18W



NATIONAL PHOTOGRAPHIC INTERPRETATION CENTER

# MRBM LAUNCH SITE 1 SAN CRISTOBAL

50X1



SECRET

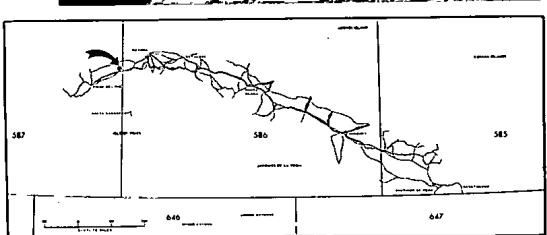
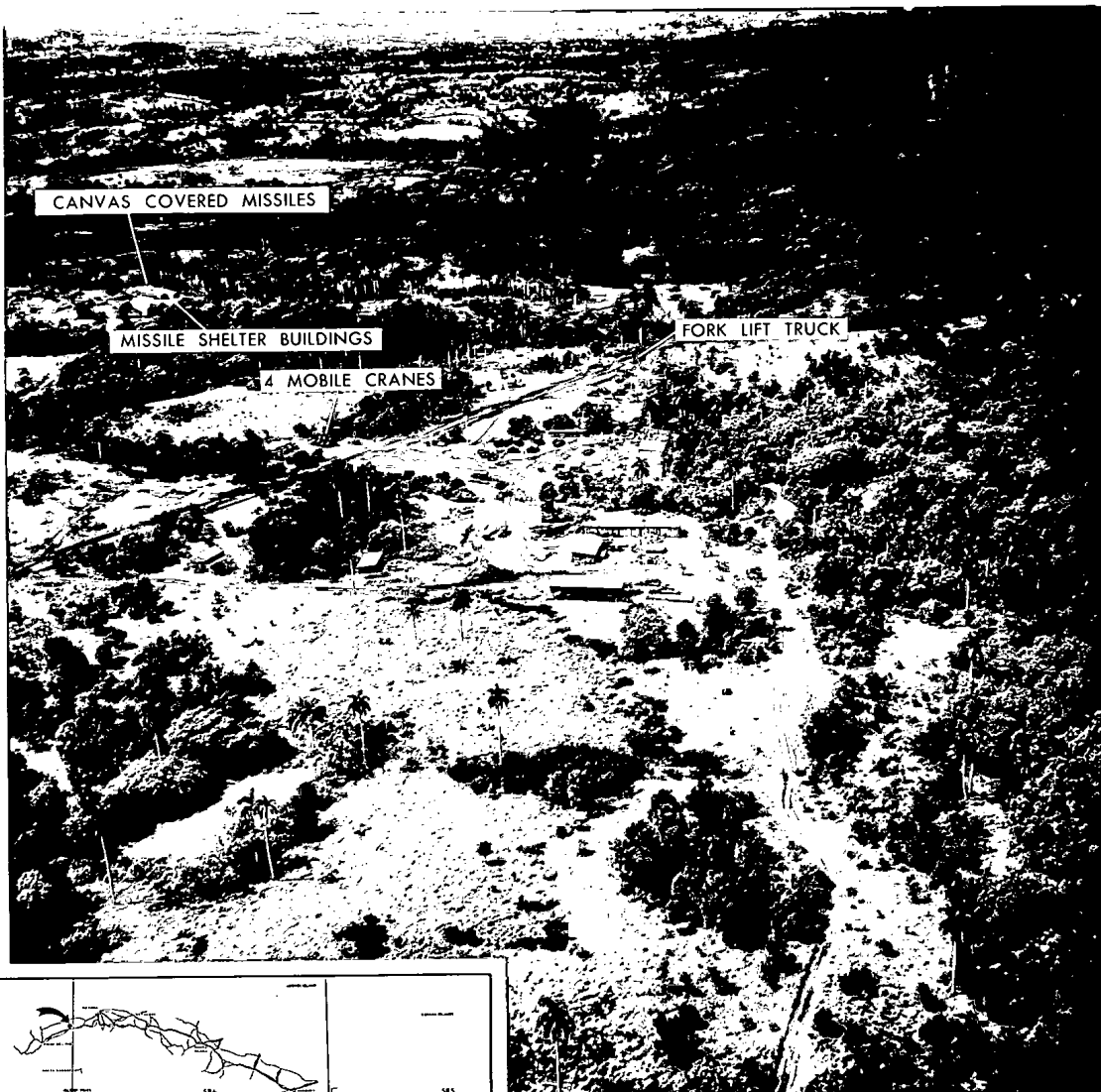


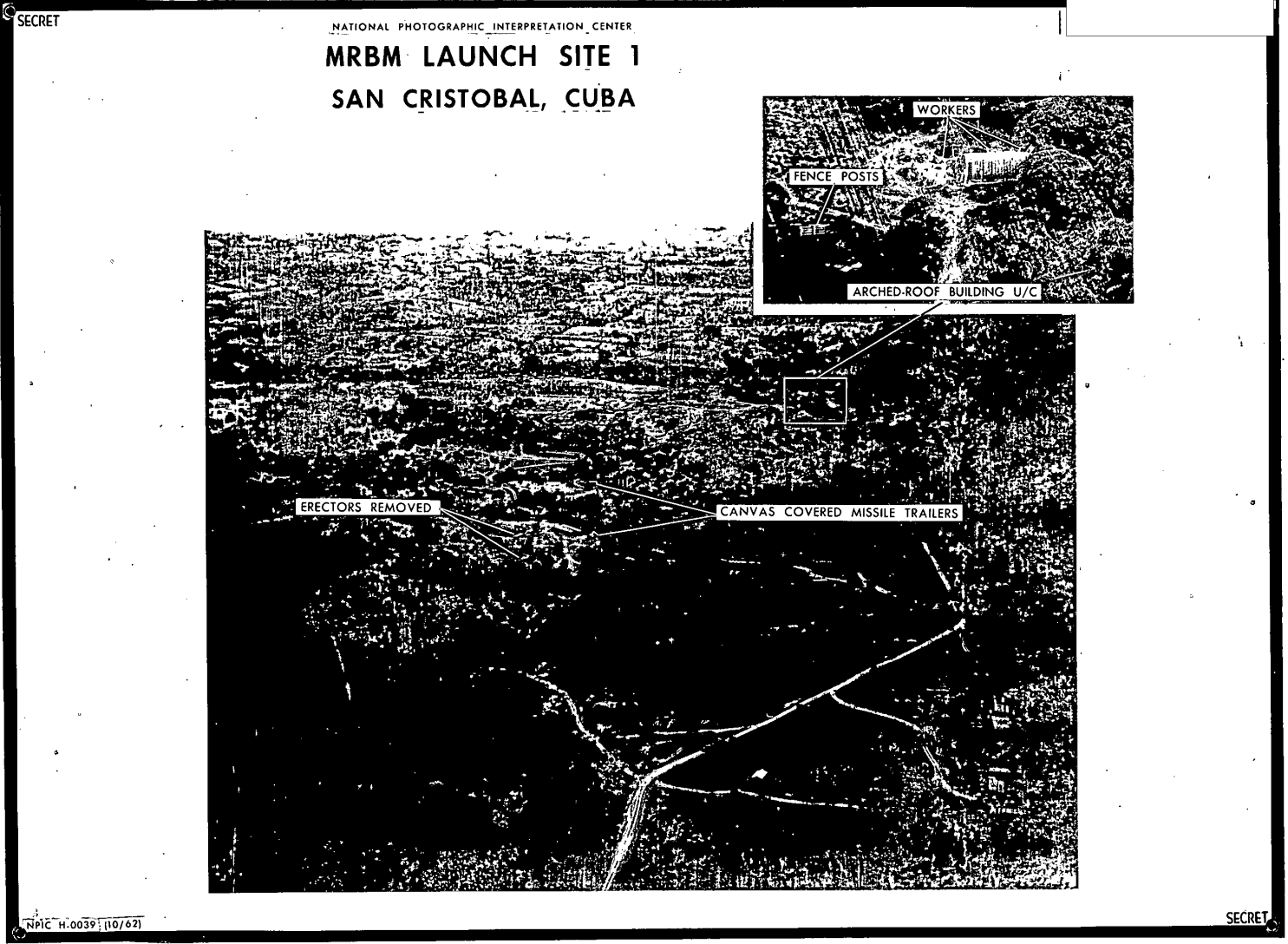
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NATIONAL PHOTOGRAPHIC INTERPRETATION CENTER

# MRBM LAUNCH SITE 1 SAN CRISTOBAL, CUBA

22-40N 83-18W

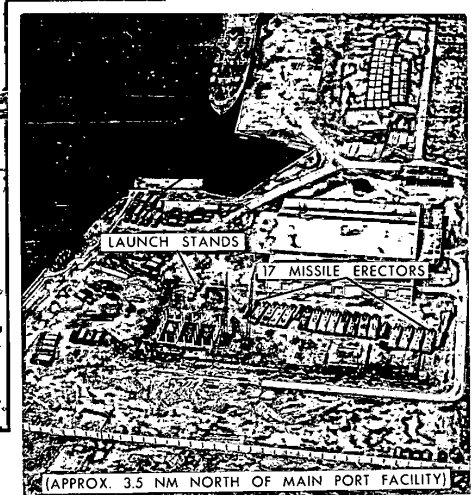
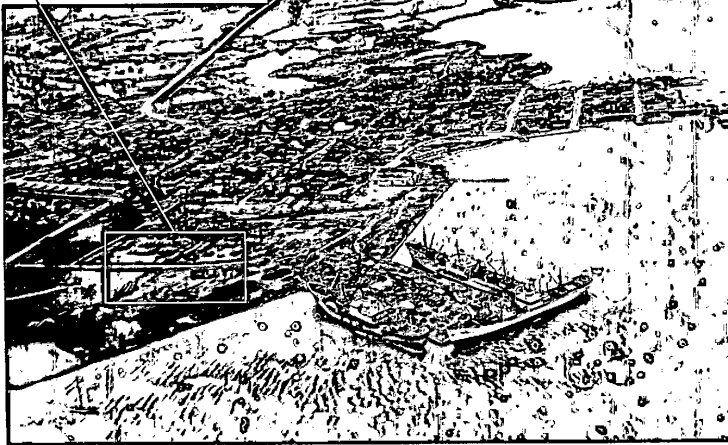
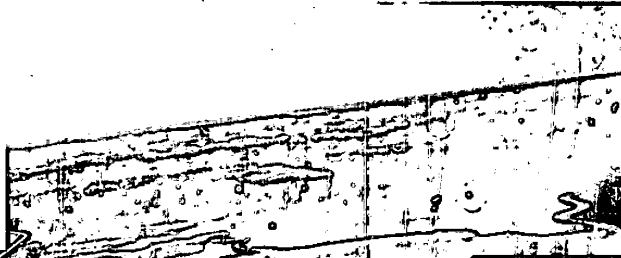
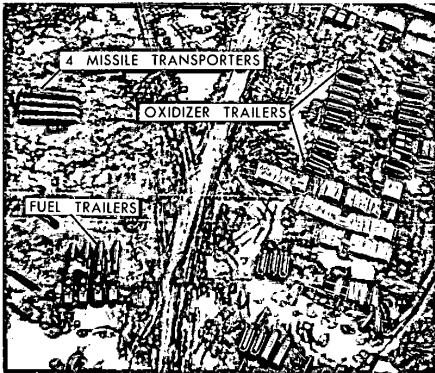






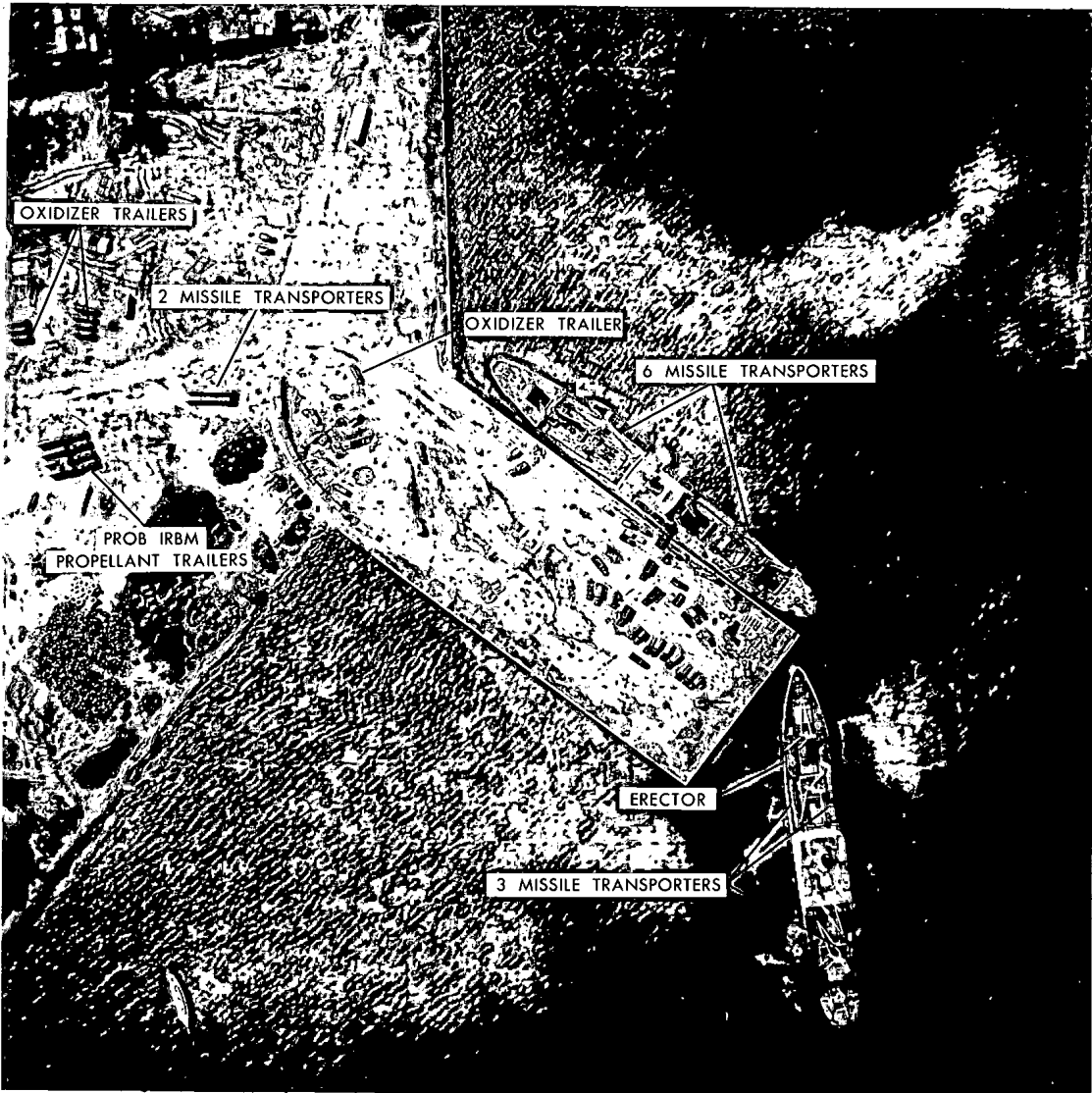


### MISSILE EQUIPMENT MARIEL PORT FACILITY





# MARIEL PORT



50X1

[Redacted]

# MARIEL NAVAL PORT



# ~~Soviet Offensive Missile Buildup in Cuba~~

SAN CRISTOBAL  
MRBM SITES

~~GUANAJAY  
MRBM SITES~~

SAGUA LA GRANDE MRBM SITES

~~REMEDI MRBM SITE~~

↑ MRBM SITES

~~↑ MRBM SITES~~

# SA-2 SAM DEPLOYMENT IN CUBA



*include  
only site dots  
not small ones  
NO ARCS*

24 • SA-2 SITE