

PIPR

PHOTOGRAPHIC INTERPRETATION REPORT



[REDACTED]

GLASS LAMP MISSION 8121

13 SEPTEMBER 1966

Declass Review By NIMA/DOD

NPIC/R-332/66
SEPTEMBER 1966

GROUP 1 EXCLUDED FROM
AUTOMATIC DOWNGRADING
AND DECLASSIFICATION

WARNING

This document contains information affecting the defense of the United States, within the meaning of Title 18, sections 793 and 794, of the U.S. Code, as amended. Its transmission or revelation of its contents to or receipt by an unauthorized person is prohibited by law.

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Next 1 Page(s) In Document Exempt

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GL MISSION 8121 13 SEPTEMBER 1966

R-332/66

PREFACE

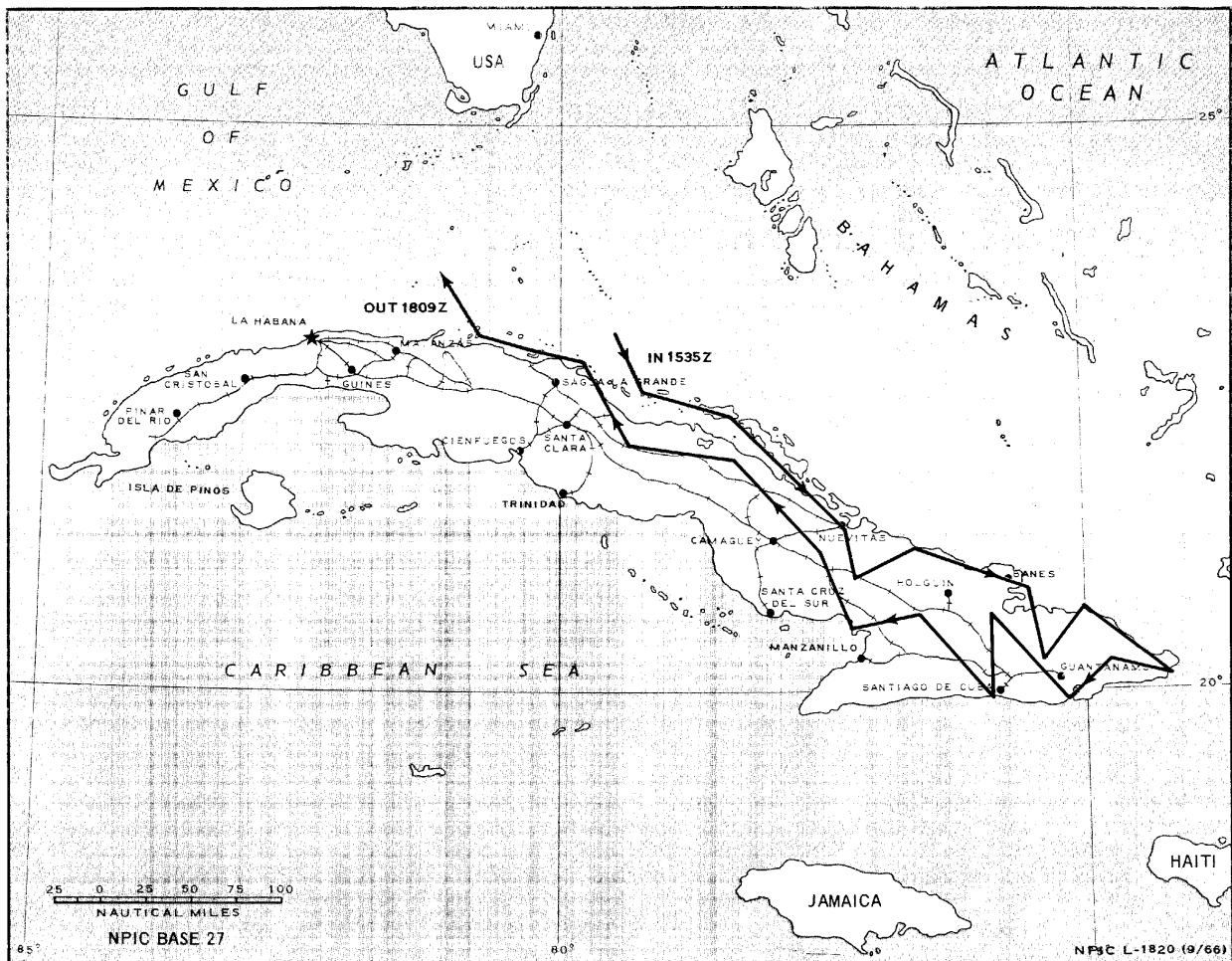
THE FOLLOWING INFORMATION REPRESENTS A PRELIMINARY ANALYSIS OF AERIAL PHOTOGRAPHY FROM GLASS LAMP MISSION 8121, 13 SEP 66. THE NUMBER AT THE RIGHT MARGIN OF THE HEADER LINE IS THE COMOR TARGET NUMBER.

SYMBOLS USED TO INDICATE CONDITIONS WHICH AFFECT THE APPEARANCE OF THE TARGET ON PHOTOGRAPHY ARE AS FOLLOWS--
C (CLEAR), SC (SCATTERED CLOUD COVER), HC (HEAVY CLOUD COVER), H (HAZE), CS (CLOUD SHADOW), SD (SEMIDARKNESS), GC (GROUND COVER), CF (CAMOUFLAGE), O (OBLIQUITY), AND GR (GROUND RESOLUTION).

INTERPRETABILITY OF THE PHOTOGRAPHY IS CATEGORIZED AS G (GOOD), F (FAIR), OR P (POOR). THE EXTENT OF TARGET COVERAGE IS DENOTED BY THE SYMBOLS T (TOTAL) OR PT (PARTIAL). THE MODE OF COVERAGE IS SIGNIFIED BY ST (STEREO), NS (NONSTEREO), OR PS (PARTIAL STEREO).

AAA DEFENSES ARE DIVIDED INTO THREE BASIC CATEGORIES -- LIGHT (ZPU-2, ZPU-4, AND 37MM), MEDIUM (57MM AND 85MM), AND HEAVY (100MM AND LARGER). WHERE SUCH A CATEGORY CANNOT BE DETERMINED, THE SITE WILL BE LISTED AS AN AAA SITE AND THE NUMBER OF GUNS INDICATED (EXAMPLE 6-GUN AAA SITE, OCCUPIED/UNOCCUPIED).

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APPROXIMATE TRACK OF GLASS LAMP MISSION 8121, 13 SEPTEMBER 1966

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NPIC/R-332/66

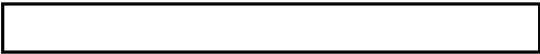
25X1A

MISSILES

LOS ANGELES SAM SITE A06-2 CU 2100N 07541W

OB -- 6 EMPLACED LAUNCHERS (3 WITH EXPOSED MISSILES), 10 MISSILE TRANSPORTERS (5 WITH EXPOSED MISSILES), A FAN SONG RADAR WITH 4 ASSOCIATED VAN TRAILERS, 3 ADDITIONAL VAN TRAILERS, AND 2 CARGO TRUCKS. NO APPARENT CHANGE IN LAUNCH AND SUPPORT FACILITIES.

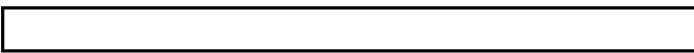
25X1D



SANTIAGO DE CUBA SAM SITE A23-2 CU 1959N 07550W

OB -- 6 EMPLACED LAUNCHERS (4 WITH MISSILES), 7 MISSILE TRANSPORTERS (1 WITHOUT PRIME MOVER), A GUIDANCE RADAR WITH SHED-COVERED EQUIPMENT, AND 6 OTHER VEHICLES/PIECES OF EQUIPMENT.

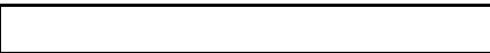
25X1D



SANTIAGO DE CUBA SAM ASSEMBLY AREA CU 2004N 07553W

OB -- 7 EXPOSED MISSILES ON DOLLIES, 6 MISSILE TRANSPORTERS (3 CANVAS COVERED), NUMEROUS MISSILE CANISTERS, 4 FLATBED TRACTOR-TRAILER TRUCKS, AND 14 OTHER VEHICLES. ACTIVITY -- 1 OCCUPIED 6-GUN AAA SITE. NO APPARENT CHANGE IN FACILITIES.

25X1D



SANTIAGO SAM TRAINING AREA CU 1958N 07551W

OB -- 29 CARGO TRUCKS AND 10 VEHICLES/PIECES OF EQUIPMENT. NO APPARENT CHANGE IN FACILITIES.

25X1D



PALMA SORIANO SAM SITE A02-2 CU 2015N 07559W

OB -- 6 EMPLACED LAUNCHERS (2 WITH MISSILES), 8 MISSILE TRANSPORTERS, A FAN SONG RADAR WITH 6 ASSOCIATED VAN TRAILERS, 7 CARGO TRUCKS, AND 3 OTHER VAN TRAILERS.

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GL MISSION 8121 13 SEPTEMBER 1966

R-332/66

NO APPARENT CHANGE IN LAUNCH AND SUPPORT FACILITIES.

25X1D

[REDACTED]

AIR FACILITIES

25X1A

CAMAGUEY INTERNATIONAL AIRFIELD CU 2125N 07750W

OB -- 1 C-46 OBSERVED IN CLOUD-FREE AREAS.

25X1D

[REDACTED]

LOS CANOS AIRFIELD CU 2005N 07509W

OB -- NONE OBSERVED.

25X1D

[REDACTED]

ANTONIO MACED AIRFIELD CU 1958N 07550W

OB -- 2 C-47, 2 LIAISON, AND 2 HOUND.

25X1D

[REDACTED]

NAVAL ACTIVITY/PORTS

SANTIAGO DE CUBA NAVAL BASE AND PORT CU 2001N 07550W

OB -- NONE OBSERVED.

OTHER VESSELS -- 3 LARGE FREIGHTERS AND 1 COASTAL FREIGHTER.

25X1D

[REDACTED]

NUEVITAS PORT CU 2132N 07715W

VESSELS -- 3 LARGE FREIGHTERS.

25X1D

[REDACTED]

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GL MISSION 8121 13 SEPTEMBER 1966

R-332/66 25X1A

LA ISABELA PORT CU 2256N 08000W

VESSELS -- NONE OBSERVED IN CLOUD-FREE AREAS.

25X1D

[Redacted]

ELECTRONICS/COMMUNICATIONS

SANTIAGO DE CUBA EW/GCI RADAR SITE CU 1959N 07551W

OB -- NONE OBSERVED.
ACTIVITY -- 16 TRACKED PRIME MOVERS, 35 CARGO TRUCKS,
AND 11 VAN TRUCKS.

25X1D

[Redacted]

PUNTA MAISI LOW SIEVE RADAR SITE CU 2014N 07409W

OB -- 1 LOW SIEVE RADAR.

25X1D

[Redacted]

VARADERO LOW SIEVE RADAR SITE CU 2311N 08108W

OB -- 1 PROBABLE LOW SIEVE RADAR.

25X1D

[Redacted]

PUNTA MULAS SUSPECT LOW SIEVE RADAR SITE CU 2101N 07535W

NO RADAR OBSERVED.

25X1D

[Redacted]

MILITARY ACTIVITY

ALTO CEDRO MILITARY CAMP CU 2029N 07600W

OB -- 20 PROBABLE TANKS/SP GUNS, 18 PROBABLE BTR 60-P,
6 FA PIECES, 22 PROBABLE FA PIECES, AND 98 CARGO TRUCKS
OBSERVED IN CLOUD-FREE AREAS.
NO APPARENT CHANGE IN FACILITIES.

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GL MISSION 8121 13 SEPTEMBER 1966

R-332/66

25X1D

[REDACTED]

25X1A

DOS CAMINOS MILITARY CAMP

CU 2014N 07547W

OB -- AT LEAST 150 VEHICLES.
NO APPARENT CHANGE IN FACILITIES IN CLOUD-FREE AREAS.
SCATTERED CLOUDS AND HAZE LIMIT INTERPRETATION.

25X1D

[REDACTED]

GUANTANAMO AREA

CU 2018N 07525W

NO NEW MILITARY ACTIVITY OBSERVED IN CLOUD-FREE AREAS.
AREA 1 -- 60 PERCENT USEABLE COVERAGE.
AREA 2 -- 40 PERCENT USEABLE COVERAGE.
AREA 3 -- 50 PERCENT USEABLE COVERAGE.
AREAS 4 AND 5 -- 75 PERCENT USEABLE COVERAGE.
AREA 6 -- 80 PERCENT USEABLE COVERAGE.
AREA 7 -- 55 PERCENT USEABLE COVERAGE.
AREA 8 -- 60 PERCENT USEABLE COVERAGE.
AREA 9 -- 100 PERCENT USEABLE COVERAGE.

25X1D

[REDACTED]

HOLGUIN MILITARY CAMP

CU 2053N 07613W

OB -- AT LEAST 200 VEHICLES/PIECES OF EQUIPMENT.
CLOUD SHADOW AND OBLIQUITY LIMIT INTERPRETATION.

25X1D

[REDACTED]

HOLGUIN MILITARY CAMP NW

CU 2057N 07616W

OB -- 15 FA/AAA PIECES, 13 PROBABLE CARGO TRUCKS, AND 3
OTHER VEHICLES.
OBLIQUITY LIMITS INTERPRETATION.

25X1D

[REDACTED]

REMEDIOS MILITARY AREA

CU 2227N 07935W

OB -- 17 FA PIECES, 15 MORTARS, 24 CARGO TRUCKS, AND 9
OTHER VEHICLES/PIECES OF EQUIPMENT OBSERVED IN
CLOUD-FREE AREAS.

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GL MISSION 8121 13 SEPTEMBER 1966

R-332/66

NO APPARENT CHANGE IN FACILITIES.

25X1D

[REDACTED]

25X1A

CORRALILLO MILITARY AREA

CU 2301N 08038W

OB -- 3 TANKS/SP GUNS AND 4 CARGO TRUCKS OBSERVED IN CLOUD-FREE AREAS.
NO APPARENT CHANGE IN FACILITIES.

25X1D

[REDACTED]

CUABITAS MILITARY CAMP

CU 2003N 07548W

OB -- 12 TANKS/SP GUNS, 22 CARGO TRUCKS, 12 VAN TRUCKS, AND 11 UTILITY TRUCKS.
NO APPARENT CHANGE IN FACILITIES.

25X1D

[REDACTED]

LA QUINTA MILITARY CAMP

CU 2002N 07551W

OB -- 9 FA PIECES, 8 MORTARS, AND 32 CARGO TRUCKS.
NO APPARENT CHANGE IN FACILITIES.

25X1D

[REDACTED]

MINAS MILITARY CAMP

CU 2127N 07734W

OB -- 19 TANKS/SP GUNS, 19 CARGO TRUCKS, AND 4 OTHER VEHICLES OBSERVED IN CLOUD-FREE AREAS.
A PROBABLE MOVABLE TARGET FIRING RANGE IS UNDER CONSTRUCTION ADJACENT TO THE VEHICLE PARKING AREA.

25X1D

[REDACTED]

OFELIA MILITARY CAMP

CU 2006N 07530W

OB -- 12 TANKS/SP GUNS, 28 FA PIECES, 13 AAA PIECES, 10 MORTARS, 32 POSSIBLE MORTARS, 4 TRACKED PRIME MOVERS, AND 65 CARGO TRUCKS OBSERVED IN CLOUD-FREE AREAS.
NO APPARENT CHANGE IN FACILITIES.

25X1D

[REDACTED]

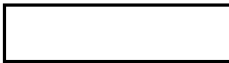
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GL MISSION 8121 13 SEPTEMBER 1966

R-332/66

25X1D



25X1A

PUERTO PADRE MILITARY AREA

CU 2111N 07639W

OB -- 6 FA PIECES, 4 MORTARS, AND 30 CARGO TRUCKS.
NO APPARENT CHANGE IN FACILITIES.

25X1D



SANTA ISABEL FINCA MILITARY CAMP

CU 2005N 07528W

OB -- NONE OBSERVED.
NO APPARENT CHANGE IN FACILITIES.

25X1D

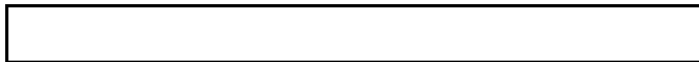


SANTIAGO DE CUBA MILITARY CAMP NW

CU 2003N 07554W

OB -- 12 FA PIECES AND 36 CARGO TRUCKS.
NO APPARENT CHANGE IN FACILITIES.

25X1D

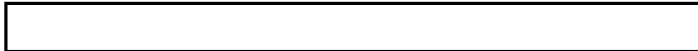


SANTIAGO DE CUBA MILITARY CAMP

CU 2003N 07553W

OB -- 32 FA PIECES, 13 AAA PIECES, 18 PROBABLE AAA
PIECES, 4 MORTARS, 102 CARGO TRUCKS, 12 UTILITY TRUCKS,
AND 8 CARGO TRAILERS.
NO APPARENT CHANGE IN FACILITIES.

25X1D

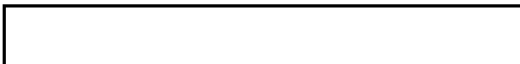


MOA (PUNTA GORDA) LANDING BEACH

CU 2039N 07453W

NO NEW MILITARY ACTIVITY OBSERVED.

25X1D



CAYO DE SABINAL LANDING BEACH

CU 2144N 07728W

NO MILITARY ACTIVITY OBSERVED.

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25X1D

[REDACTED]

25X1A

PENINSULA DE HICACOS LANDING BEACH

CU 2311N 08130W

[REDACTED]

NO MILITARY ACTIVITY OBSERVED.

25X1D

[REDACTED]

GL MISSION 8121 13 SEPTEMBER 1966

R-332/66

-STATUS OF OTHER TARGETS-

25X1A

THE FOLLOWING TARGETS SHOW NO APPARENT CHANGE SINCE LAST COVERAGE--

LOS ANGELES RADAR SITE 1	2100N 07541W
SIBONEY LANDING BEACH	1957N 07542W
PLAYA YATERITAS LANDING BEACH	1958N 07457W
MAR VERDE LANDING BEACH	1957N 07556W
IMIAS LANDING BEACH	2005N 07440W
GANUZA LANDING BEACH	2305N 08030W

25X1A

THE FOLLOWING TARGETS COULD BE IDENTIFIED BUT NOT INTERPRETED--

HOLGUIN SAM SITE B27-2	2052N 07627W
SANTA CLARA SAM SITE A34-2	2229N 08000W
LA VEGUITA SAM ASSEMBLY AREA	2049N 07615W
LA MAYA SAM SITE	2014N 07540W
CAMILO CIENFUEGOS AIRFIELD	2229N 07956W
HOLGUIN AIRFIELD	2047N 07618W
CAIBARIEN PORT	2231N 07928W
SANTIAGO DE CUBA EW/GCI RADAR SITE 2	2005N 07551W
LA SOCAPA LOW SIEVE RADAR SITE	1958N 07552W
SAGUA LA GRANDE EW/GCI RADAR SITE 2	2248N 08006W
LA CHARCA MILITARY ACTIVITY	2246N 08036W

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