

SECRET**PRIORITY**

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SECRET CITE NPIC 3850
MISSION GL G-026

22 MAY 68

PREFACE

THE FOLLOWING INFORMATION REPRESENTS A PRELIMINARY ANALYSIS OF
AERIAL PHOTOGRAPHY FROM GLASS LAMP MISSION G-026, 18 MAY 1968.

((TEXT AS FOLLOWS IDENTICAL TO ABOVE MISSION))

SECRET

END OF MESSAGE

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GROUP 1
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MISSION GL G-026

MAY 68

PREFACE

THE FOLLOWING INFORMATION REPRESENTS A PRELIMINARY ANALYSIS OF AERIAL PHOTOGRAPHY FROM GLASS LAMP MISSION G-026, 18 MAY 1968. THE NUMBER AT THE RIGHT MARGIN OF THE HEADER LINE IS THE COMIREX 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 CAMOUFLAGEN, 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.

NEGATIVE RESPONSES TO SPECIFIC REQUIREMENTS WILL BE ANSWERED FOR THE MOST PART BY NAC NO APPARENT CHANGE AND/OR NOOB NO ORDER OF BATTLE DISCERNIBLE AT THE END OF THE REFERENCE LINE.

SUMMARY

GLASS LAMP MISSION G-026, 18 MAY 1968, PROVIDES FAIR PHOTOGRAPHIC COVERAGE OF THE WESTERN HALF OF CUBA WITH APPROXIMATELY 10 PERCENT CLOUD COVER. OF THE 184 COMIREX TARGETS PRESENTLY LISTED, 109 ARE COVERED ON THIS MISSION. THIRTEEN OF THESE ARE IDENTIFICATION ONLY AND CANNOT BE INTERPRETED.

ELEVEN SAM SITES, TWO SAM TRAINING AREAS, AND THREE SAM ASSEMBLY AREAS WERE OBSERVED WITH NO SIGNIFICANT CHANGES NOTED. NO CRUISE MISSILE SITES OR CRUISE MISSILE STORAGE AREAS WERE OBSERVED. AIR, NAVAL AND GROUND ACTIVITY APPEARED NORMAL IN THE AREAS COVERED.

MISSILES

ALQUIZAR SAM SITE A30-2 CU 224911N 0823836W

13-I

25X1

OB -- 4 MISSILES ON LAUNCHERS, 6 MISSILE TRANSPORTERS, AND 1 CANVAS-COVERED MISSILE-HOLD POSITION.

EL CANO SAM SITE CU 230327N 0822900W

86-K2

25X1

OB -- 5 LAUNCHERS, 1 ADDITIONAL LAUNCHER, AND 4 PROBABLE ZIL-157V.

GUANABACOA SAM SITE A14-2 CU 230536N 0821557W

86-Y1

25X1

OB -- 5 LAUNCHERS, 15 MISSILE TRANSPORTERS, 1 FAN SONG RADAR WITH 5 SUPPORT VANS, A POSSIBLE ACQUISITION RADAR, AND AT LEAST 8 VEHICLES/PIECES OF EQUIPMENT.

LA SALUD SAM SITE A04-2 CU 225305N 0822441W

489

25X1

FACILITIES INCLUDE SIX BARRACKS, FOUR STORAGE BUILDINGS, AND SIX SUPPORT SHEDS.

OB -- 2 LAUNCHERS, 1 ADDITIONAL LAUNCHER, 6 PROBABLE TRANSPORTERS, AND AT LEAST 32 VEHICLES/PIECES OF EQUIPMENT.

MANAGUA SAM SITE A05-2 CU 225942N 0821558W

111-E

25X1

OB -- 6 LAUNCHERS 04 WITH MISSILES, 10 MISSILE TRANSPORTERS, A FAN SONG RADAR WITH 6 VANS, A POSSIBLE ACQUISITION RADAR, AND AT LEAST 8 VEHICLES/PIECES OF EQUIPMENT.

MARTEL SAM SITE 2 A30-2 CU 230048N 0824849W

117-W

25X1

OB -- 6 LAUNCHERS 02 WITH MISSILES, 4 MISSILE TRANSPORTERS, A POSSIBLE FAN SONG RADAR WITH 4 VANS, A POSSIBLE ACQUISITION RADAR, AND 6

PROBABLE AAA PIECES.

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PUNTA BRAVA SAM SITE A29-2 CU 230130N 0823140W

483-A

OB -- 6 LAUNCHERS B3 WITH MISSILES, 8 MISSILE TRANSPORTERS, A FAN SONG RADAR WITH 4 VANS, 4 POSSIBLE ZIL-157V, AND AT LEAST 13 VEHICLES/PIECES OF EQUIPMENT.

RANCHUELO SAM SITE A33-2 CU 222350N 0801002W

154-B

OB -- 5 LAUNCHERS, 6 PROBABLE MISSILE TRANSPORTERS AND 10 VEHICLES/PIECES OF EQUIPMENT.

TORRENS SAM ASSEMBLY AREA CU 225740N 0822753W

458-A

OB -- 9 MISSILE TRANSPORTERS AND NUMEROUS MISSILE CANISTERS.

SANTIAGO DE LAS VEGAS SAM ASSEMBLY AREA CU 225740N 0822130W

425-B

OB -- AT LEAST 14 MISSILE TRANSPORTERS AND NUMEROUS MISSILE CANISTERS.

CONSTANCIA SAM SITE A10-2 CU 221400N 0893030W

56-E

OB -- 2 PROBABLE VANS IN THE CENTRAL GUIDANCE AREA, 4 MISSILE TRANSPORTERS, 4 PROBABLE MISSILE TRANSPORTERS, 2 TRUCK-MOUNTED CRANES, AND AT LEAST 30 VEHICLES/PIECES OF EQUIPMENT.

SANTA FE SAM SITE A30-2 CU 214701N 0825010W

179-H

OB -- 5 LAUNCHERS B1 WITH MISSILES, AN OCCUPIED GUIDANCE AREA, AND 1 PROBABLE MISSILE TRANSPORTER.

PUNTA BALLENATOS SAM SITE CU 230440N 0822945W

0586 508-A

LA HABANA SAM SITE FORT DE LA CABANA CU 230855N 0822025W

0586 86-P1

OB -- 2 LAUNCHERS B1 WITH MISSILES, 1 MISSILE TRANSPORTER, NON DRIVE-THROUGH ROAD, AN OCCUPIED GUIDANCE RADAR AREA, AN OCCUPIED ACQUISITION RADAR AREA, AND 15 VEHICLES/PIECES OF EQUIPMENT.

EL CHICO SAM TRAINING AREA A07-2 CU 230057N 0822550W

458-C

OB -- AT LEAST 60 VEHICLES/PIECES OF EQUIPMENT.

EL CANO SAM TRAINING AREA CU 230330N 0822906W

0586 86-K3

0.42 NM EAST OF EL CANO SAM SITE.

OB -- 10 LAUNCHERS, 2 FAN SONG RADARS WITH 3 SUPPORT VANS, AND AT LEAST 30 VEHICLES/PIECES OF EQUIPMENT.

COJIMAR PROBABLE SAM SITE U/C CU 230908N 0821718W

0586 86-F2

1.6 NM SE OF COJIMAR.

THE SITE CONSISTS OF FOUR DRIVE-IN REVETMENTS NONE UNDER CONSTRUCTION, AN EARTH-COVERED GUIDANCE AREA, AND TWO EARTH-COVERED PROBABLE MISSILE-HOLD BUNKERS.

AIR FACILITIES

SIGUANEA AIRFIELD CU 213834N 0825720W

SAN ANTONIO DE LOS BAÑOS AIRFIELD CU 225216N 0825034W

25X1

25X1

25X1

25X1

25X1

25X1

25X1

25X1

25X1

25X1

25X1

25X1

25X1

25X1

25X1

25X1

25X1

25X1

25X1

25X1

25X1

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EIGHT HANGAR LIES ARE UNDER CONSTRUCTION
OB -- 3 FISHBED, 4 POSSIBLE FISHBED, 2 POSSIBLE FARMER, 15
FAGOT/FRESCO, AND 4 POSSIBLE BOAT-NOSED CRATES.

[REDACTED] 25X1
SAN JULIAN AIRFIELD CU 220542N 0840907W

[REDACTED] 18 25X1
OB -- 1 CRATE, 14 ZLIN TRENER, 7 COLT, 10 LIAISON, AND 1 HOUND.

[REDACTED] 25X1
JOSE MARTI INTERNATIONAL AIRFIELD CU 225922N 0822427W

[REDACTED] 86-1 25X1
OB -- 2 FISHBED, 3 BRITANNIA, 3 COKE, 4 CRATE, 1 C-46, 1 C-47, AND
1 COPT.

[REDACTED] 25X1
CAMPO LIBERTAD AIRFIELD CU 230541N 0822555W

[REDACTED] 86-B 25X1
OB -- 3 FISHBED, 5 FAGOT/FRESCO, 1 CRATE, 8 COLT, 30 HOUND, 2 LIGHT
STRAIGHT-WING, 1 POSSIBLE CRATE FUSELAGE, AND NUMEROUS PROBABLE
SHIPPING CRATES.

[REDACTED] 25X1
PLAYA BARACA AIRFIELD CU 230205N 0823442W

[REDACTED] 22 25X1
OB -- 1 CRATE AND 1 MORAVA L-200.

[REDACTED] 25X1
NUEVA GERONA AIRFIELD CU 215015N 0824648W

[REDACTED] 133 25X1
OB -- 1 POSSIBLE CRATE.

[REDACTED] 25X1
JAIME GONZALES AIRFIELD CU 220926N 0802444W

[REDACTED] 25X1
NAVAL ACTIVITY/PORTS
MARIEL NAVAL BASE AND NAVAL AIR STATION CU 225940N 0824459W

0586 117
OB -- 2 KRONSTADT PC AND 6 SO-T SC.

[REDACTED] 25X1
CABANAS NAVAL BASE CU 225835N 0825836W

[REDACTED] 25X1
OB -- 9 KOMAR PTG AND 1 P-6 PT.
VESSELS -- 1 COASTAL FREIGHTER.

[REDACTED] 25X1
SIGUANEA NAVAL BASE CU 213658N 0825846W

[REDACTED] 25X1
CIENFUEGOS PORT A NAVAL FACILITIES CU 220825N 0802720W

[REDACTED] 25X1
OB -- 1 KRONSTADT PC AND 7 SMALL COMBATANTS.
VESSELS -- 3 FREIGHTERS.

[REDACTED] 25X1
NUEVA GERONA PORT FACILITIES CU 215311N 0824803W

[REDACTED] 25X1
LA ISABELA PORT FACILITIES CU 225638N 0800034W

[REDACTED] 25X1
VESSELS -- 3 FREIGHTERS.

[REDACTED] 25X1
CAIBARIEN PORT CU 223139N 0792818W

[REDACTED] 25X1
VESSELS -- 2 FREIGHTERS.

[REDACTED] 25X1
CASTILDA PORT FACILITIES CU 214522N 0795930W

[REDACTED] 25X1
VESSELS -- 2 FREIGHTERS.

25X1

MATANZAS PORT FACILITIES CU 230340N 081330W

25X1

VESSELS -- 3 FREIGHTERS.

25X1

LA HABANA PORT FACILITIES CU 230750N 082205W

25X1

OB -- 1 PCE, 2 KRONSTADT PC, 3 SO-1 SC, 8 KOMAR PTG IN
 DRYDOCK, 3 P-6 PT, 10 P-4 PT, 1 YP, AND 1 SESS COSMONAUT VLADIMIR
 KOMOROV.

VESSELS -- 19 FREIGHTERS, 1 TANKER, AND 12 COASTAL FREIGHTERS.

25X1

BAHIA HONDA PORT CU 225608N 083111W

25X1

PUNTA BALLENAOS NAVAL FACILITY CU 230515N 082294W

25X1

OB -- 4 P-4 PT.

25X1

ELECTRONICS/COMMUNICATIONS

SAN ANTONIO DE LOS BAÑOS AW RADAR FAC 2 CU 2253//N 08230//W

0586 164-H1

OB -- 1 TOKEN-TYPE RADAR AND AT LEAST 1 SUPPORT VAN.

25X1

BAHIA HONDA AW RADAR FACILITY CU 225829N 083112W

0587 3-D

25X1

BAHIA HONDA AW RADAR FACILITY 2 CU 225512N 083121W

0587 3-G

OB -- 1 POSSIBLE TOKEN-TYPE RADAR.

25X1

LA HABANA RADAR FACILITY COJIMAR CU 230854N 082193W

86-F

OB -- 1 POSSIBLE RADAR.

25X1

SAN JULIAN RADAR FAC AFLO GUANE CU 220625N 084091W

25X1

OB -- 1 PROBABLE TOKEN AND 1 OTHER POSSIBLE RADAR.

25X1

SANTA FE AW RADAR FACILITY CU 213933N 082454W

25X1

THE FACILITY CONSISTS OF THREE REVETTED POSITIONS, TWO OF WHICH ARE
 OF A DRIVE-THROUGH DESIGN WITH TWO SECTIONS EACH. ALL POSITIONS
 ARE OCCUPIED WITH VEHICLES/PIECES OF EQUIPMENT. ONE LARGE
 RECTANGULAR AND TEN SMALLER SUPPORT BUILDINGS ARE OBSERVED. THE
 FACILITY IS FENCED AND HAS GUARD TOWERS AND A GATE.
 ACTIVITY -- ONE OCCUPIED THREE-GUN AAA SITE.

25X1

CABANAS RADAR FACILITY CAYO TOMAS CU 225912N 082505W

25X1

25-F

OB -- 1 POSSIBLE LOW SIEVE RADAR.

25X1

CABO SAN ANTONIO LOW SIEVE RADAR FAC CU 215211N 084570W

25X1

LA HABANA RADAR FACILITY EL MORRO NO 1 CU 230900N 082212W

25X1

CIENFUEGOS RADAR FACILITY NO 2 CU 220226N 080252W

25X1

OB -- 2 POSSIBLE VANS.

25X1

SAGUA LA GRANDE AW RADAR FACILITY 2 CU 225049N 080504W

25X1

OB -- 6 VAN TRUCKS

25X1

MILITARY ACTIVITY

ARTEMISA MILITARY CAMP CU 225054N 0824830W

25X1

RANCHO BOYEROS MIL TRAINING AREA A CAMP CU 230033N 0821843W
86-21

25X1

OB -- AT LEAST 90 VEHICLES/PIECES OF EQUIPMENT.

SANTIAGO DE LAS VEGAS MILITARY CAMP CU 225800N 0822020W
425-C

25X1

OB -- 85 VEHICLES/PIECES OF EQUIPMENT.

25X1

SANTIAGO DE LAS VEGAS MIL CAMP CU 225730N 0822320W
425-F

25X1

FACILITIES CONSIST OF 24 BARRACKS-TYPE BUILDINGS, ONE MAINTENANCE BUILDING, AND NINE STORAGE BUILDINGS.

LOURDES MILITARY CAMP TORRENS CU 225919N 0822759W

25X1

OB -- 7 FA PIECES, AT LEAST 42 CARGO TRUCKS, AND 2 POSSIBLE POL TRUCKS.

25X1

GUANABACOA FIELD ARTILLERY BN HQ CU 230802N 0821038W

25X1

OB -- AT LEAST 20 VEHICLES/PIECES OF EQUIPMENT.

25X1

BEJUCAL UG STORAGE AREA SE CU 225436N 0822142W

25X1

AT LEAST FIVE DRIVE-THROUGH BUNKERS ARE UNDER CONSTRUCTION APPROXIMATELY 2 NM SOUTH OF THE MAIN FACILITY.

25X1

OB -- 22 TANKS/ASSAULT GUNS, 13 CARGO TRUCKS, 19 FA PIECES, AND AT LEAST 16 OTHER VEHICLES/PIECES OF EQUIPMENT.

LARGO ISLAND MILITARY CAMP CU 213735N 0813351W

25X1

OB -- 7 VEHICLES/PIECES OF EQUIPMENT.

25X1

LA HABANA ARMY BARRACKS GUANABACOA CU 230716N 0821553W

25X1

OB -- AT LEAST 70 VEHICLES/PIECES OF EQUIPMENT.

25X1

GUANAJAY MILITARY CAMP MARTIN MESA CU 225720N 0824332W

25X1

OB -- 13 FA PIECES AND 44 CARGO TRUCKS.

25X1

GUANAJAY DRIVE THROUGH BUNKER CU 225655N 0823900W

25X1

JURAGUA MILITARY CAMP NW CU 220914N 0803533W

25X1

OB -- 4 FA PIECES.

25X1

LA FLORA MILITARY CAMP CU 225243N 0823350W

25X1

OB -- 18 TANKS/ASSAULT GUNS, 37 PROBABLE FA PIECES, 28 POSSIBLE AAA PIECES, 39 CARGO TRUCKS, AND 12 OTHER VEHICLES/PIECES OF EQUIPMENT.

25X1

LIMONAR MILITARY CAMP CAMPO DE TIRO SE CU 225555N 0812420W

25X1

OB -- 24 PROBABLE TANKS/ASSAULT GUNS AND 12 VEHICLES/PIECES OF EQUIPMENT.

25X1

MANAGUA TANK PARK LOMAS DE TETAS CU 225805N 0821910W

25X1

25X1

25X1

25X1

25X1

25X1

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25X1

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25X1

25X1

25X1

25X1

—

0586-42761 587

25X1

CAMPO LIBERTAD VEHICLE PARK CU 230324N 0822724

25X1

OB -- AT LEAST 160 VEHICLES/PIECES OF EQUIPMENT.

25X1

ALTURAS DE BELEN VEHICLE PARK CU 230536N 0822452W
0586 589

OB -- AT LEAST 10 VEHICLES/PIECES OF EQUIPMENT.

25X1

LA HABANA ARMY BARRACKS FORT DE LA CABANA CU 230851N 0822049W

25X1

OB -- AT LEAST 18 VEHICLES/PIECES OF EQUIPMENT.

25X1

SPECIAL AREA VERMONT CU 2301//N 08248//W

25X1

SPECIAL AREA OREGON CU 2259//N 08244//W

25X1

SPECIAL AREA WHITE CU 2254//N 08232//W

25X1

SPECIAL AREA TEXAS CU 2302//N 08235//W

25X1

SPECIAL AREA OHIO CU 2301//N 08239//W

25X1

SPECIAL AREA GREEN CU 2255//N 08242//W

25X1

SPECIAL AREA PURPLE CU 2254//N 08228//W

25X1

MATANZAS LANDING BEACH CU 23017//N 08126//W

25X1

CIENFUEGOS LANDING BEACH CU 2202//N 08036//W

25X1

ENSENADA COLORADO LANDING BEACH CU 2202//N 08025//W

25X1

PLAYA DE FLAMENCOS LANDING BEACH CU 2153//N 08243//W
0586 479

25X1

GANUZA LANDING BEACH CU 2305//N 08030//W

25X1