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MISSION GL G-017

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6 MAR 68

PREFACE

THE FOLLOWING INFORMATION REPRESENTS A PRELIMINARY ANALYSIS OF AERIAL PHOTOGRAPHY FROM GLASS LAMP MISSION G-017, 1 MARCH 68.

((NOTE: TEXT THAT FOLLOWS IDENTICAL WITH THAT OF MISSION CITED ABOVE))

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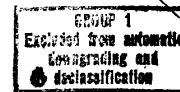
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SECRET

MISSION GL G-017

MAR 68

PREFACE

OUT 64525

THE FOLLOWING INFORMATION REPRESENTS A PRELIMINARY ANALYSIS OF AERIAL PHOTOGRAPHY FROM GLASS LAMP MISSION G-017, 1 MARCH 68. 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 @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@.

THOSE TARGETS WHICH REFLECT NO SIGNIFICANT CHANGE IN FACILITIES FROM THE MOST ADEQUATE PREVIOUS MISSION WILL CARRY THE APPROPRIATE MISSION NUMBER AND DATE, PREFIXED BY THE LETTERS NAC, AS THE LAST ENTRY ON THE PHOTO REFERENCE LINE.

SUMMARY

GLASS LAMP MISSION G-017, 1 MARCH 1968, PROVIDES GOOD PHOTOGRAPHIC COVERAGE OF EASTERN CUBA WITH APPROXIMATELY 30 PERCENT CLOUD COVER.

OF THE 184 COMIREX TARGETS PRESENTLY LISTED IN CUBA, 67 ARE COVERED ON THIS MISSION. TWENTY-FOUR OF THESE ARE IDENTIFIED ONLY AND CANNOT BE INTERPRETED.

THE HIGHLIGHT OF THIS MISSION IS THE IDENTIFICATION OF A NEW AIRFIELD UNDER CONSTRUCTION 2.7 NM NW OF MATAGUA AND 10 NM SW OF SANTA CLARA. IT IS SIMILAR IN CONSTRUCTION TO THE RECENTLY CONSTRUCTED AIRFIELD ESE OF NEGRIN.

NINE SAM SITES, ONE SAM ASSEMBLY AREA, AND ONE SAM TRAINING AREA ARE OBSERVED. WITH THE EXCEPTION OF ONE SAM SITE NO SIGNIFICANT CHANGES ARE NOTED. THE LAUNCH POSITIONS, THE CENTRAL GUIDANCE REVETMENT, AND THE ACQUISITION RADAR REVETMENT AT RANCHUELO SAM SITE ARE NOW UNOCCUPIED, BUT THE ASSOCIATED EQUIPMENT NORMALLY SEEN AT THE SITE REMAINS IN PLACE. NO CRUISE MISSILE SITES ARE COVERED ON THIS MISSION.

MILITARY, AIR, NAVAL, AND GROUND ACTIVITY APPEAR NORMAL THROUGHOUT THE AREA OF COVERAGE. AN EXPLOSIVE STORAGE FACILITY IS BEING CONSTRUCTED NNE OF MATAGUA.

MISSILES

HOLGUIN SAM SITE B27-2 CU 205232N 0762718W
34-21

SITE REMAINS OCCUPIED.
OBLIQUITY LIMITS INTERPRETATION.

25X1

HOLGUIN AIRFIELD SAM SITE CU 204650N 0761950W
34-C1

SITE REMAINS OCCUPIED.
OBLIQUITY LIMITS INTERPRETATION.

25X1

25X1

HOLGUIN SAM SITE WEST CU 205100N 0762745W
0585 34-28

OB -- NONE OBSERVED.
CONSTRUCTION CONTINUES.

25X1

RANCHUELO SAM SITE A33-2 CU 222350N 0801002W
154-B

THE LAUNCH POSITIONS, CENTRAL GUIDANCE REVETMENT @WITH THE EXCEPTION OF 2 SHEDS@, AND THE ACQUISITION RADAR REVETMENT ARE UNOCCUPIED.

25X1

25X1

OB -- 11 MISSILE TRANSPORTERS, 6 ZIL-157V TRUCK TRACTORS, 10 TRACKED TIME MOVERS, AND 31 CARGO TRUCK Approved For Release 2007/06/18 : CIA-RDP78B04549A000600030079-7

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SANTA CLARA SAM SITE A34-2 CU 222905N 08177-01 Approved For Release 2007/06/18 : CIA-RDP78B04549A000600030079-7

OB -- 6 EMPLACED LAUNCHERS @4 WITH MISSILES; 10 MISSILE TRANSPORTERS @4 WITH EXPOSED MISSILES; A FAN SONG RADAR WITH 6 ASSOCIATED VANS; AN ACQUISITION RADAR WITH A GENERATOR VAN; AND 17 VEHICLES.
NO APPARENT CHANGE IN LAUNCH AND SUPPORT FACILITIES.

SANTIAGO DE CUBA SAM SITE 2 CU 195845N 0754922W
0647 24-H

SANTA ISABEL DE LAS LAJAS SAM SITE A35-2 CU 222820N 0801847W
154-C

OB -- 6 EMPLACED LAUNCHERS @2 WITH MISSILES; 9 MISSILE TRANSPORTERS; A FAN SONG RADAR WITH 5 ASSOCIATED VAN TRAILERS; AN OCCUPIED ACQUISITION RADAR REVETMENT; 5 TRACKED PRIME MOVERS; AND 13 ZIL-157V.
NO APPARENT CHANGE IN LAUNCH AND SUPPORT FACILITIES.

CONSTANCIA SAM SITE A10-2 CU 221400N 0893030W
56-E

SITE REMAINS OCCUPIED.
OBLIQUITY AND HAZE LIMIT INTERPRETATION.

LA MAYA SAM SITE A35-2 CU 201409N 0754046W
63-A

OB -- 6 EMPLACED LAUNCHERS; 8 MISSILE TRANSPORTERS; 1 FAN SONG RADAR WITH 6 VAN TRAILERS; 1 SPOON REST RADAR WITH GENERATOR VAN; 1 CARGO TRUCK; AND 1 TRUCK-MOUNTED CRANE.
ACTIVITY -- 1 OCCUPIED 6-GUN AAA SITE.
NO APPARENT CHANGE IN LAUNCH AND SUPPORT FACILITIES.

LA ESPERANZA SAM ASSEMBLY AREA CU 222723N 0800840W
0586 511

OB -- 4 MISSILE TRANSPORTERS; 2 PROBABLE MISSILE CANISTER TRANSPORTERS; 13 ZIL-157V; 2 CARGO TRUCKS; AND 10 MISSILE CANISTERS.
NO APPARENT CHANGE IN FACILITIES.

SANTIAGO SAM TRAINING AREA CU 195849N 0755100W

AIR FACILITIES

CAMILO CIENFUEGOS AIRFIELD CU 222931N 0795631W
177-D

OB -- 24 FAGOT/FRESCO AND 2 HOUND.

HOLGUIN AIRFIELD CU 204707N 0761854W
34-C

OB -- AT LEAST 6 PROBABLE JET FIGHTERS.

LOS CANOS AIRFIELD CU 200505N 0750931W
41-A

OB -- 1 COLT.

ANTONIO MACEO AIRFIELD CU 195809N 0755009W
9

OB -- 1 COOT; 2 CAB; 2 MORAVA L-200; AND 1 HOUND.

KAWAMA AIRFIELD CU 230733N 0811750W
201

OB --- NONE OBSERVED.

25X1

25X1

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JAI ME GONZALES AIRFIELD CU 220926N 08024
51-C
OB -- NONE OBSERVED IN CLOUD-FREE AREAS.

25X1
25X1
25X1

BAYAMO AIRFIELD EAST CU 202255N 0763701W
11-D
OB -- 17 PROBABLE COLT.

25X1
25X1

MATAGUA AIRFIELD CU 221542N 0800238W
0586 167-C
LOCATED 2.7 NM NW OF MATAGUA AT 221542N 0800238W @UTM 17QNG985621H.
FACILITY CONSISTS OF A SERVICEABLE 6,500 X 150 FT E/W GRADED-EARTH
RUNWAY.
NO SUPPORT FACILITIES NOTED.
CONSTRUCTION CONTINUES.
@MAP REF. AMS SERIES E-723, SHEET 4102-I, 2D ED. #

25X1

NAVAL ACTIVITY/PORTS
CIENFUEGOS PORT A NAVAL FACILITIES CU 220825N 0802720W
51-A

25X1
25X1

OB -- NONE OBSERVED.
OTHER VESSELS -- 1 LARGE FREIGHTER AND 1 COASTAL FREIGHTER.

SANTIAGO DE CUBA NAVAL BASE AND PORT CU 200120N 0754910W
76

25X1
25X1

OB -- NONE OBSERVED.
OTHER VESSELS -- 7 FREIGHTERS.

MANZANILLO PORT CU 202100N 0770707W
113-B
VESSELS -- 1 FREIGHTER.

25X1
25X1

LA ISABELA PORT FACILITIES CU 225638N 0800034W
99-A
VESSELS -- 2 FREIGHTERS AND 1 COASTAL FREIGHTER.

25X1
25X1

CARDENAS PORT CU 230254N 0811143W
31-C
VESSELS -- 1 FREIGHTER.

25X1
25X1

ELECTRONICS/COMMUNICATIONS

SANTA CLARA AW RADAR FACILITY CU 223016N 0795658W
177-E

25X1

OB -- 1 TOKEN RADAR AND 1 POSSIBLE VAN TRAILER.
NO APPARENT CHANGE IN FACILITIES.

CARDENAS RADAR FAC HICACOS PENINSULA CU 231147N 0810825W

25X1
25X1

CIENFUEGOS RADAR FACILITY NO 2 CU 220226N 0802523W
477-A

25X1

OB -- NONE OBSERVED IN CLOUD-FREE AREAS.

SANTIA60 LOW SIEVE RADAR FAC LA SOCAPA CU 195800N 0755209W

25X1
25X1

MILITARY ACTIVITY

DOS CAMINOS MILITARY CAMP CU 201428N 0754714W
317-A

25X1

OB -- 24 FA PIECES, 12 AAA PIECES, 29 TRACKED PRIME MOVERS, 43
CARGO TRUCKS, AND 17 OTHER VEHICLES/PIECES OF EQUIPMENT.
NO APPARENT CHANGE IN FACILITIES.

25X1

GUANTANAMO AREA CU 2818//N 07525//W 32-L 491 Approved For Release 2007/06/18 : CIA-RDP78B04549A000600030079-7

NO NEW MILITARY ACTIVITY OBSERVED IN CLOUD-FREE AREAS.
AREA 1 -- 10 PERCENT USABLE COVERAGE.
AREA 2 -- 5 PERCENT USABLE COVERAGE.
AREAS 3 AND 9 -- 40 PERCENT USABLE COVERAGE.
AREAS 4, 5, AND 6 -- 50 PERCENT USABLE COVERAGE.
AREAS 7 AND 8 -- 60 PERCENT USABLE COVERAGE.

CORRALILLO MILITARY TRAINING AREA CU 230159N 0803900W
491
OB -- NONE OBSERVED.
NO APPARENT CHANGE IN FACILITIES.

OFELIA MILITARY CAMP CU 200620N 0753040W
347
OB -- 17 TANKS/SP GUNS AND 30 CARGO TRUCKS.
NO APPARENT CHANGE IN FACILITIES.

SANTA CLARA ARTILLERY TRAINING AREA CU 222202N 0800011W
177-U
OB -- NONE OBSERVED.
NO APPARENT CHANGE IN FACILITIES.

SANTA CLARA STORAGE AREA UG CU 222012N 0795710W

SANTA CLARA MILITARY CAMP SOUTH CU 222210N 0795759W
177-F1
OB -- 30 CARGO TRUCKS, 6 VAN TRAILERS, 5 UTILITY TRUCKS AND 6 VEHICLES/PIECES OF EQUIPMENT.
NO APPARENT CHANGE IN FACILITIES.

SANTA CLARA MILITARY CAMP SANTA EULOGIA CU 222303N 0795720W
177-X3
OB -- NONE OBSERVED.
FACILITY APPEARS TO BE USED AS STORAGE AREA FOR CONSTRUCTION MATERIALS.

LAS MERCEDES VEHICLE PARK CU 222428N 0800108W
177-K1
OB -- 1 LUMBOY, 12 CARGO TRUCKS, 5 VAN TRUCKS, AND 18 VEHICLES/PIECES OF EQUIPMENT.
NO APPARENT CHANGE IN FACILITIES.

LA CHARCA MILITARY HQS CU 224608N 0803627W
585
OB -- 6 TANKS/SP GUNS, 2 FA PIECES, 10 AAA PIECES/MORTARS, 18 BTR-60P, 80 CARGO TRUCKS AND 10 VEHICLES/PIECES OF EQUIPMENT.
ACTIVITY -- 2 OCCUPIED 6-GUN AAA SITES.
CONSTRUCTION CONTINUES.

PURIAL DE JIBACOA MILITARY CAMP CU 200700N 0770000W
0586 301-D

SIBONEY LANDING BEACH CU 195731N 0754215W

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

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5802A LANDING BEACH CU 2505/N 08030/W
0586 502

PENINSULA DE HICACOS LANDING BEACH CU 2311/N 08130/W
0586 241-E

MATAGUA MILITARY CAMP CU 221504N 0800204W
167-A

OR 50 CARGO TRUCKS AND 02 OTHER VEHICLES/PIECES OF EQUIPMENT.

MATAGUA EXPLOSIVES STORAGE NNE CU 221528N 0795924W
0586 167-D

LOCATED 1.4 NM NNE OF MATAGUA AT 221528N 0795924W OUTM
180P0042616M.

STORAGE AREA CONTAINS 3 REVETTED STORAGE BUILDINGS ONE 55 X 20 FT
AND TWO 35 X 20 FT AND 1 SMALL SUPPORT BUILDING.

QMAP REF. AMS SERIES E-723, SHEET 4282-IV, 2D ED.M

OTHER ACTIVITY

RANCHUELO SUSPECT AREA CU 2224/N 08009/W
0586 154-D

25X1
25X1
25X1
25X1
25X1
25X1
25X1