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1967 FEB 18 04 02Z

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FM NPIC WASHDC

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BT

SECRET CITE NPIC 9910

THE FOLLOWING INFORMATION REPRESENTS A PRELIMINARY ANALYSIS OF
AERIAL PHOTOGRAPHY FROM GLASS LAMP [REDACTED]

(TEXT AS FOLLOWS IDENTICAL TO OUT 61246)

SECRET

END OF MESSAGE

20 FEB 1967

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S/C NOTE: ALSO PASSED [REDACTED]

NGA review(s) completed.

PREFACE

THE FOLLOWING INFORMATION REPRESENTS A PRELIMINARY ANALYSIS OF
AERIAL PHOTOGRAPHY FROM GLASS LAMP MISSION

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
OR @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 FOUR BASIC CATEGORIES -- LIGHT
@21-75 MM, MEDIUM @76-100 MM, HEAVY @OVER 100 MM, AND AUTOMATIC
WEAPONS @ZPU-1, ZPU-2, AND ZPU-4. IF THE 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.

MISSILES

SANTIAGO DE CUBA SAM SITE A23-2 CU 1959N @7550W
OB -- 6 EMPLACED LAUNCHERS @AT LEAST 5 WITH MISSILES,
10 MISSILE TRANSPORTERS, A GUIDANCE AREA WITH FAN SONG
RADAR AND SHED-COVERED EQUIPMENT, 8 PROBABLE TRACKED
PRIME MOVERS, 8 ZIL-157V TRUCK-TRACTORS, AND 2 CARGO
TRUCKS.

NO APPARENT CHANGE IN LAUNCH AND SUPPORT FACILITIES.

SANTIAGO SAM TRAINING AREA CU 1958N @7551W
OB -- 10 CARGO TRUCKS AND 10 VAN TRUCKS.
NO APPARENT CHANGE IN FACILITIES.

SAN PEDRO DE CACOCUM SAM SITE 2 CU 2045N @7615W
OB -- 5 EMPLACED LAUNCHERS @2 WITH MISSILES, 11
MISSILE TRANSPORTERS, AND CENTRAL GUIDANCE AREA WITH
RADAR AND 6 ASSOCIATED VAN TRAILERS.
NO APPARENT CHANGE IN LAUNCH AND SUPPORT FACILITIES.
SCATTERED CLOUDS AND OBLIQUITY LIMIT INTERPRETATION.

LA MAYA SAM SITE CU 2014N @7540W
OB -- 6 EMPLACED LAUNCHERS @5 WITH MISSILES, 6 MISSILE
TRANSPORTERS @1 WITH MISSILE, 1 FAN SONG RADAR WITH 6
ASSOCIATED VAN TRAILERS, 1 ACQUISITION RADAR WITH
GENERATOR VAN, 2 ZIL-157V TRUCK-TRACTORS, AND 3 CARGO
TRAILERS.
NO APPARENT CHANGE IN LAUNCH AND SUPPORT FACILITIES.

AIR FACILITIES

CAMILO CIENFUEGOS AIRFIELD CU 2229N @7956W
OB -- AT LEAST 3 PROBABLE FAGOT/FRESCO OBSERVED IN
CLOUD-FREE AREAS.

CAMAGUEY INTERNATIONAL AIRFIELD CU 2125N @7750W
OB -- 1 C-47, 1 C-46, 4 COLT, AND 9 HOUND.

LOS CANOS AIRFIELD CU 2005N @7509W
OB -- 1 C-47.

ANTONIO MACEO AIRFIELD CU 1958N @7550W
OB -- 16 FAGOT/FRESCO, 1 C-47, AND 1 HOUND.

BAYAMO AIRFIELD EAST CU 2022N @7637W

T-25K
OUT

P-2

P-3

P-4

OB -- 4 COLT.

Approved For Release 2006/03/16 : CIA-RDP78B03817A000400010089-3
BAYAMO AIRFIELD CU 2023N 07637W

OB -- NONE OBSERVED.

NAVAL ACTIVITY/PORTS

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

OB -- NONE OBSERVED.

VESSELS -- 1 FREIGHTER OBSERVED IN CLOUD-FREE AREAS.

MANZANILLO PORT CU 2021N 07707W

VESSELS -- 1 FREIGHTER.

NUEVITAS PORT CU 2132N 07715W

VESSELS -- 4 LARGE FREIGHTERS OBSERVED IN CLOUD-FREE AREAS.

CAIBARIEN PORT CU 2231N 07928W

VESSELS -- 2 LARGE FREIGHTERS WITH LIGHTERS ALONGSIDE
ANCHORED OFF CAYO FRANCIS. SCATTERED CLOUDS LIMIT
INTERPRETATION.

ELECTRONICS/COMMUNICATIONS

SANTIAGO DE CUBA EW/6CI RADAR SITE CU 1959N 07551W

OB -- NONE OBSERVED.

ACTIVITY -- 21 AT-S TRACKED PRIME MOVERS, 5 ZIL-157V
TRUCK-TRACTORS, 13 CARGO TRUCKS, 7 VAN TRUCKS, AND 1

OCCUPIED 6-GUN AAA SITE.

NO APPARENT CHANGE IN FACILITIES.

LA SOCAPA LOW SIEVE RADAR SITE CU 1958N 07552W

OB -- 1 LOW SIEVE RADAR.

MILITARY ACTIVITY

ALTO CEDRO MILITARY CAMP CU 2029N 07600W

OB -- 13 BTR 60-P, 6 PROBABLE AAA PIECES, 6 PROBABLE
MORTARS, 59 CARGO TRUCKS, AND 2 VAN TRUCKS OBSERVED IN
CLOUD-FREE AREAS.

NO APPARENT CHANGE IN FACILITIES.

GUANTANAMO AREA CU 2018N 07525W

NO NEW MILITARY ACTIVITY OBSERVED IN CLOUD-FREE AREAS.

AREA 1 -- NO USEABLE COVERAGE.

AREAS 2,3,4 -- 10 PERCENT USEABLE COVERAGE.

AREAS 5,7,8 -- 20 PERCENT USEABLE COVERAGE.

AREA 6 -- 30 PERCENT USEABLE COVERAGE.

AREA 9 -- 40 PERCENT USEABLE COVERAGE.

REMEDIOS MILITARY AREA CU 2227N 07935W

OB -- AT LEAST 35 CARGO TRUCKS OBSERVED IN CLOUD-FREE
AREAS.

NO APPARENT CHANGE IN FACILITIES.

MINAS MILITARY CAMP CU 2127N 07734W

OB -- 7 TANKS/SP GUNS, 10 CARGO TRUCKS, AND 6 OTHER
VEHICLES.

NO APPARENT CHANGE IN FACILITIES.

PUERTO PADRE MILITARY AREA CU 2111N 07639W

OB -- 4 FA PIECES AND 24 PROBABLE CARGO TRUCKS OBSERVED
IN CLOUD-FREE AREAS.

NO APPARENT CHANGE IN FACILITIES.

MAR VERDE LANDING BEACH CU 1957N 07556W

NO NEW MILITARY ACTIVITY OBSERVED. CIA-RDP78B03817A000400010089-3

25X1
A2
CAYO DE SABINAL LANDING BEACH CU 2144N 07728W
NO NEW MILITARY ACTIVITY OBSERVED.

-STATUS OF OTHER TARGETS-

THE FOLLOWING TARGETS COULD BE IDENTIFIED BUT NOT INTERPRETED--

PALMA SORIANO SAM SITE A82-2 2015N 07559W

HOLGUIN AIRFIELD 2047N 07618W

DOS CAMINOS MILITARY CAMP 2014N 07547W

HOLGUIN MILITARY CAMP 2053N 07613W

HOLGUIN MILITARY CAMP NW 2057N 07616W

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

PUNTA MULAS SUSPECT LOW SIEVE RADAR SITE 2101N 07535W

PLAYA YATERITAS LANDING BEACH 1958N 07457W