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MISSION GL G-017

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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Approved For Release 2007/06/18: CIA-RDP78B04549A000600030079-7 MISSION GL G-017

PREFACE

OLT 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 @CLEARH, SC @SCATTERED CLOUD COVERP, HC @HEAVY CLOUD COVERP, H @HAZEP, CS @CLOUD SHADOWH, SD @SEMIDARKNESSH, GC @GROUND COVERP, CF @CAMOUFLAGEH, O @OBLIQUITYH, AND GR @GROUND RESOLUTIONH, INTERPRETABILITY OF THE PHOTOGRAPHY IS CATEGORIZED AS G @GOODH, F @FAIRH, OR P @POORH. THE EXTENT OF TARGET COVERAGE IS DENOTED BY THE SYMBOLS T @TOTALH OR PT @PARTIALH. THE MODE OF COVERAGE IS SIGNIFIED BY ST @STEREOH, NS @NONSTEREOH, OR PS @PARTIAL MISSION GL G-817 IS SIGNIFIED BY ST DSTEREOH, NS DNONSTEREOH, OR PS DPARTIAL STEREOM. 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 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. COVER CANNOT BE INTERPRETED.

THE HIGHLIGHT OF THIS MISSION IS THE IDENTIFICATION OF A NEW ARRIED 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 RANCHUELD 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 285232N 8762718W 25X1 SITE REMAINS OCCUPIED. ORI TOUTTY LIMITS INTERPRETATION. 25X1 HOLGUIN AIRFIELD SAM SITE CU 204650N 0761950W

25X1

25X1

25X1

25X1

34-C1 SITE REMAINS OCCUPIED.

0585 34-Z8 OB -- NONE OBSERVED. CONSTRUCTION CONTINUES.

UNOCCUPIED.

OBLIGUITY LIMITS INTERPRETATION.

HOLGUIN SAM SITE WEST CU 205100N 0762745W

RANCHUELO SAM SITE A33-2 CU 222350N 0801002W

154-B

THE LAUNCH POSITIONS, CENTRAL GUIDANCE REVETMENT DWITH THE EXCEPTION OF 2 SHEDSH, AND THE ACQUISITION RADAR REVETMENT ARE

OND -- 11 MISSILE TRANSPORTERS, 6 ZIL-157V TRUCK TRACTORS, 18

					25X1
	SANTA ISABEL DE LAS LAJAS SAM SITE A35~2 CU 222820N 0801847W	AND ADDRESS OF THE PARTY.			T.
	SANIA: ISABEL DE LAS LAVAS SAM SITE ASS-2 CU 222028N 8081047N			· · · ·	25X1
	OB 6 EMPLACED LAUNCHERS @2 WITH MISSILESH, 9 MISSILE				264
	TRANSPORTERS, A FAN SONG RADAR WITH 5 ASSOCIATED VAN TRAILERS, AN				1
	OCCUPIED ACQUISITION RADAR REVETMENT, 5 TRACKED PRIME MOVERS, AND	<u> </u>			!
	13 ZIL-157V. NO APPARENT CHANGE IN LAUNCH AND SUPPORT FACILITIES.				
	NO AFFARENT CHANGE IN LAUNCH AND SUPPORT FACILITIES.				25X1
	CONSTANCIA SAM SITE A18-2 CU 221400N 0893030W				
-	56−£	1 1 1 2 1 1 1		,	25X1
	// // //	4.8 GeV			- 11
	The same of the sa	4274			
4	LA MAYA SAM SITE A35-2 CU 201409N 0754046W	- 9 - 13 1, 1 - 8 - 1 - 1 - 15 - 15 - 2			25X1
	EN CHAIN SAM SILE ADD-2 CO ZEITERN BISTEROW	41 4	21.46		25X1
٠	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.	1.00			14
	ACTIVITY 1 OCCUPIED 6-GUN AAA SITE. NO APPARENT CHANGE IN LAUNCH AND SUPPORT FACILITIES.				11
	TO AFFARENT CHANGE IN ENOUGH AND SOFTONT PACIENTES.	10.400	in the significant		25X1
	LA ESPERANZA SAM ASSEMBLY AREA CU 222723N 0800840W				Part 1
		200 3 4 10 4	ter ja ling	1,15	3×1
		and the s		v.5	্টাৰ
-	TRANSPORTERS, 13 ZIL-157V, 2 CARGO TRUCKS, AND 10 MISSILE CANISTERS.		5 7 F		- 1 •
	NO APPARENT CHANGE IN FACILITIES.	The state of the state of			1
		10000 4			25X1
	SANTIAGO SAM TRAINING AREA CU 195849N 0755100W	3 p			
-		4 . 4			25X1
		2			
	AIR FACILITIES				
	CAMILO CIENFUEGOS AIRFIELD CU 222931N 0795631W				1
	177-D	5.40.3		•	25X1
	OB == 24 FAGOT/FRESCO AND 2 HOUND.	11,775			0514
			. 7		25X1€
	HOLGUIN AIRFIELD CU 284787N 8761854W				) )EV4
	OB AT LEAST 6 PROBABLE JET FIGHTERS.	Table March			25X1
	201101		413	4	25X1
	LOS CANOS AIRFIELD CU 200505N 0750931W	**************************************			÷.;
	41-A	4.719.94	2.00		25X1

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\$10.855 NY

25X1

25X1

SANIA CLARA SAM SITE A34-2 CU 222985N 86 Approved For Release 2007/06/18: CIA-RDP78B04549A000600030079-7

177-Q1

OB -- 6 EMPLACED LAUNCHERS @4 WITH MISSILES#, 18 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

KAWAMA AIRFIELD C 230733N 8811758W

ANTONIO MACEO AIRFIELD CU 195889N 8755889W

9
0B -- 1 COOT, 2 CAB, 2 MORAVA L-288, AND 1 HOUND.

OB -- 1 COLT.

OB -- NONE OBSERVED.

IME GONZALES AIRFIELD CU 228926N 88824 Approved For Release 2007/06/18 : CIA-RDP78B04549A000600030079-7		25) 25)
NONE OBSERVED IN CLOUD-FREE AREAS.		25)
YAMO AIRFIELD EAST CU 202255N 0763701W		
17 PROBABLE COLT.	2.3 224 234	25)
	Commission of the	25)
TAGUA AIRFIELD CU 221542N 8888238W		1
86 167-C CATED 2.7 NM NW OF MATAGUA AT 221542N 8888238W @UTM 179NQ985621mg	(s) 1921 g = sy -c	
CILITY CONSISTS OF A SERVICEABLE 6,500 X 150 FT E/W GRADED-EARTH	in all programmes and the second seco	
NWAY. SUPPORT FACILITIES NOTED.	\$ 90,500 pt 20 000 \$1500 pt	
NSTRUCTION CONTINUES.	48 - 2 - 3 - 46	
AP REF. AMS SERIES E-723, SHEET 4182-I, 2D ED, E	1 (00 (0.1 (0.1 (0.1 (0.1 (0.1 (0.1 (0.1	25
NAVAL ACTIVITY/PORTS	City of the second seco	20
ENFUEGOS PORT A NAVAL FACILITIES CU 220825N 0802720W	Mark 1	0.5
51-A 3 NONE OBSERVED.	V 4 5 2 7	25
HER VESSELS 1 LARGE FREIGHTER AND 1 COASTAL FREIGHTER	e Leave has his had a second of the second o	
ANTIAGO DE CUBA NAVAL BASE AND PORT CU 200120N 0754910W	\$ storay \$	25
TO	, 25 Au 24 July 18	25
S NONE OBSERVED.		
THER VESSELS 7 FREIGHTERS.	ANACH I	25
ANZANILLO PORT CU 202198N 0770797W	V (A SAST A 17	
113-B	1 - 19 40 - 1 - 12 - 4	25
	Angeles de la companya del companya del companya de la companya de	25
A ISABELA PORT FACILITIES CU 225638N 0800034W		25
SSELS 2 FREIGHTERS AND 1 COASTAL FREIGHTER.		25
	grander in the second	25
ARDENAS PORT CU 230254N 0811143W	The first of the second of the	25
ESSELS 1 FREIGHTER.	A CONTRACTOR OF THE CONTRACTOR	
ELECTRONICS/COMMUNICATIONS	with a triple of the	2
ANTA CLARA AW RADAR FACILITY EU 223016N 0795658W	y 20 00 1 5	
177-E 3 1 TOKEN RADAR AND 1 POSSIBLE VAN TRAILER.		2

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25X1

25X1

25X1

25X1

CIENFUEGOS RADAR FACILITY NO 2 CU 220226N 0802523W

SANTIAGO LOW SIEVE RADAR FAC LA SOCAPA CU 195800N 8755209W

MILITARY ACTIVITY

DOS CÂMINOS MILITARY CAMP CU 201428N 0754714W

317-A

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.

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08 -- NONE OBSERVED IN CLOUD-FREE AREAS.

1,	GUANTANAMO AREA CU 2818//N 87525//W 8585 32-L Approved For Release 2007/06/18 : CIA-RDP78B04549A000600030079-7	and the second of the second	
	NO NEW MILITARY ACTIVITY OBSERVED IN CLOUD-FREE AREAS. AREA 1 10 PERCENT USABLE COVERAGE.	The Property of	
	AREA 2 5 PERCENT USABLE COVERAGE.	The state of the s	
	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.		
			25X1
	CORRALILLO MILITARY TRAINING AREA CU 230159N 0803908W		051
	0B NONE OBSERVED.	( ) ( ) ( )	25X1
	NO APPARENT CHANGE IN FACILITIES.		- 1
	THE TAX AND ALL CARLORS OF TAX AND ALL CARLORS	and the second s	25X1
	OFELIA MILITARY CAMP CU 200620N 0753040W	and the second second	25X1
	08 17 TANKS/SP GUNS AND 38 CARGO TRUCKS.		
	NO APPARENT CHANGE IN FACILITIES.	The state of the s	25X1
			25/
	SANTA CLARA ARTILLERY TRAINING AREA CU 222282N 8888811W	, v. v	!
	177-U	. The second contract of the second contract	25X1
	OB NONE OBSERVED. NO APPARENT CHANGE IN FACILITIES.	184. \$1.40	
			25X1
	SANTA CLARA STORAGE AREA UG CU 222812N 8795718W	A STATE OF THE PARTY OF THE PAR	0514
			25X1
	00018H 970575DH		1,000
	SANTA CLARA MILITARY CAMP SOUTH CU 222218N 8795759W		25X1
	OB 36 CARGO TRUCKS, 6 VAN TRAILERS, 5 UTILITY TRUCKS AND 6		237
	VEHICLES/PIECES OF EQUIPMENT.	10 mm 2 mm	. 4.a
	NO AFFACENT CHARGE IN THE SECTION OF	5 (m) - 1 (m) 7 (m) 6 (m)	OFV
	SANTA CLARA MILITARY CAMP SANTA EULOGIA CU 222303N 0795720W		- 177
	08 == NONE OBSERVED.	Sold and the	
F	FACILITY APPEARS TO BE USED AS STORAGE AREA FOR CONSTRUCTION	1	i
	MATERIALS.	7	1
1	LAS MERCEDES VEHICLE PARK CU 222428N 8888188W		25X1
	177-K1		25X1
FĴ,	OB 1 LUMBOY, 12 CARGO TRUCKS, 5 VAN TRUCKS, AND 18		1 1
	VEHICLES/PIECES OF EQUIPMENT. NO APPARENT CHANGE IN FACILITIES.		
)		4.0 L	25X1
	LA CHARCA MILITARY HOS CU 224608N 0803627W	Carried Committee Co	25X1
	OB 6 TANKS/SP GUNS, 2 FA PIECES, 10 AAA PIECES/MORTARS, 18		207
	BTR-6MP. BB CARGO TRUCKS AND 10 VEHICLES/PIECES OF EQUIPMENT.		
	ACTIVITY 2 OCCUPIED 6-GUN AAA SITES.		
	CONSTRUCTION CONTINUES.	gatherin and the second	25X1

25X1

25X1

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

SIBONEY LANDING BEACH CU 195731N 0754215W

CIEMETIEGOS LANDING BEACH CU 2282//N 88836//W

ENINSULA DE HICACOS LANDING BEACH CU 23	511//N Ø813Ø//W		
586 261=6	The same and the s		
			The second secon
ATAGUA MTI ITARY CAMP CU 221584N 8888284			
167-A	· W		the state of the s
OTHER VEHICL	ECOTECCE OF FOUTBUILD		
OTHER VEHICL	ESTRIECES OF ENGIPMENT.		al de la significación de la companya de la compan
MAGUA EXPLOSIVES STORAGE NNE CU 221528	N 470503/IW	And the second s	the state of the s
THE CO ELIGI	N 0173767H		and the second of the second o
586 167-D			
	9795924W GIITM		4
586 167-D DCATED 1.4 NM NNE OF MATAGUA AT 221528N BAPQ#42616#.	0795924W @UTM		- 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1
CATED 1.4 NM NNE OF MATAGUA AT 221528N BAPOB42616#.			
CATED 1.4 NM NNE OF MATAGUA AT 221528N 19P0&426164. ORAGE AREA CONTAINS 3 REVETTED STORAGE 10 TWO 35 X 20 FTM AND 1 SMALL SUPPORT B	BUILDINGS DONE 55 X 20 FT		14 / 1 / 1 / 1 / 1 / 1 / 1 / 1 / 1 / 1 /
CATED 1.4 NM NNE OF MATAGUA AT 221528N 19P0&426164. ORAGE AREA CONTAINS 3 REVETTED STORAGE 10 TWO 35 X 20 FTM AND 1 SMALL SUPPORT B	BUILDINGS DONE 55 X 20 FT		the state of the s
CATED 1.4 NM NNE OF MATAGUA AT 221528N 19PG#H2616#. TORAGE AREA CONTAINS 3 REVETTED STORAGE 1D TWO 35 X 20 FT# AND 1 SMALL SUPPORT B MAP REF. AMS SERIES E-723, SHEET 4282-IV	BUILDINGS DONE 55 X 20 FT UILDING. (, 2D ED. #		
CATED 1.4 NM NNE OF MATAGUA AT 221528N GPG0426164. ORAGE AREA CONTAINS 3 REVETTED STORAGE ID TWO 35 X 20 FT# AND 1 SMALL SUPPORT B HAP REE. AMS SERIES E-723, SHEET 4282-IV	BUILDINGS DONE 55 X 20 FT UILDING. 7 2D ED.¤		the state of the s
CATED 1.4 NM NNE OF MATAGUA AT 221528N 10P0642616#.  ORAGE AREA CONTAINS 3 REVETTED STORAGE 10 TWO 35 X 20 FT# AND 1 SMALL SUPPORT 8 1AP REF. AMS SERIES E-723, SHEET 4282-IV  OTHER ACTIVITY INCHUELO SUSPECT AREA CU 2224//N 08009/	BUILDINGS DONE 55 X 20 FT UILDING. 7 2D ED.¤		10 1 V 10 20 20 20 20 20 20 20 20 20 20 20 20 20
CATED 1.4 NM NNE OF MATAGUA AT 221528N @P@42616#.  @P@42616#.  D TWO 35 X 20 FT# AND 1 SMALL SUPPORT B AP REF. AMS SERIES E-723, SHEET 4282-IV  OTHER ACTIVITY NCHUELO SUSPECT AREA CU 2224//N 08009/	BUILDINGS DONE 55 X 20 FT UILDING. 7 2D ED.¤		10 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
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CATED 1.4 NM NNE OF MATAGUA AT 221528N QPQ&42616M.  ORAGE AREA CONTAINS 3 REVETTED STORAGE ID TWO 35 X 20 FTM AND 1 SMALL SUPPORT B AP REE. AMS SERIES E-723, SHEET 4282-IV OTHER ACTIVITY NCHUELO SUSPECT AREA CU 2224//N 08009/	BUILDINGS DONE 55 X 20 FT UILDING. 7 2D ED.¤		
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