

OUT 65574

17 JUL 68 23 04Z

P 172213Z JUL 68  
FM NPIC WASHDC  
TO AIG NINE SEVEN FIVE  
BT  
SECRET CITE NPIC 4223  
MISSION GL G-232 13 JULY 68

17 JUL 68

PREFACE

(NOTE: FOLLOWING TEXT IDENTICAL WITH MSN GL G-232.)  
SECRET

END OF MESSAGE

SIG CEN NOTE: ABOVE MSG ALSO



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1	FILE	
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	AID	
	IEG	
3	PROD	
	SCIEN	25X1
4	WEST	
	EAST	
	N&S	
	PGM	
5	I&S	
	DIA-XX4	
6	SPAD	
	DIA-AP	25X
	[Redacted]	

ADVANCE CY  
SANITIZED  
WITH TEXT

PREFACE

THE FOLLOWING INFORMATION REPRESENTS A PRELIMINARY ANALYSIS OF AERIAL PHOTOGRAPHY FROM GLASS LAMP MISSION G-032, 13 JULY 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 @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@.

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-032, 13 JULY 1968, REVEALS A SHEET BEND RADAR @.78 NM NE OF SANTA LUCIA. MAJANA SAM SITE 2 A27-A2 HAS BEEN ABANDONED AND THE AREA IS BEING RETURNED TO CULTIVATION. AIR, NAVAL, AND GROUND FORCE ACTIVITY APPEARS NORMAL THROUGHOUT THE AREA OF COVERAGE.

MISSILES

ALQUIZAR SAM SITE A30-2 CU 224911N @823836W

[REDACTED]

25X1

OB -- THE SITE APPEARS TO BE OCCUPIED.

[REDACTED]

25X1

EL CANO SAM SITE CU 23@327N @8229@W

[REDACTED]

25X1

GUANABACOA SAM SITE A14-2 CU 23@536N @821557W

[REDACTED]

25X1

OB -- 6 EMPLACED LAUNCHERS, 11 TRANSPORTERS @1 WITH EXPOSED MISSILES@, A FAN SONG RADAR WITH 4 ASSOCIATED VANS, AN OCCUPIED ACQUISITION RADAR REVETMENT, AND 9 VEHICLES/PIECES OF EQUIPMENT.

[REDACTED]

25X1

GUARA SAM SITE A29-2 CU 224842N @821339W

[REDACTED]

25X1

OB -- 6 LAUNCHERS @1 WITH MISSILES@, 1@ TRANSPORTERS, AN OCCUPIED GUIDANCE AREA, AN OCCUPIED ACQUISITION RADAR REVETMENT, AND 17 VEHICLES/PIECES OF EQUIPMENT.

[REDACTED]

25X1

LA SALUD SAM SITE A@4-2 CU 2253@5N @822441W

[REDACTED]

25X1

OB -- 6 LAUNCHERS @2 WITH MISSILES@, 8 TRANSPORTERS @1 WITH EXPOSED MISSILES@, OCCUPIED GUIDANCE AND ACQUISITION RADAR REVETMENTS, 1@ AT-S TRACKED PRIME MOVERS, 9 ZIL-157 PRIME MOVERS, AND 5 VEHICLES/PIECES OF EQUIPMENT.

[REDACTED]

25X1

MAJANA SAM SITE 2 A27-A2 CU 224116N @825@@2W

[REDACTED]

25X1

THE SITE IS ABANDONED AND THE AREA IS BEING RETURNED TO CULTIVATION.

[REDACTED]

25X1

MANAGUA SAM SITE A@5-2 CU 225942N @82155@W

[REDACTED]

25X1

OB -- 6 LAUNCHERS @3 WITH MISSILES@, 7 TRANSPORTERS, A FAN SONG RADAR WITH 4 VANS, AN ACQUISITION RADAR, 9 PROBABLE AT-S TRACKED PRIME MOVERS, 11 POSSIBLE ZIL-157 PRIME MOVERS, AND 4 VEHICLES/PIECES OF EQUIPMENT.

[REDACTED]

25X1

OB -- 6 LAUNCHERS 02 WITH MISSILES, 5 TRANSPORTERS 01 WITH EXPOSED MISSILES, A FAN SONG RADAR AND 4 ASSOCIATED VANS, AN OCCUPIED ACQUISITION RADAR AREA, 9 ZIL-157V PRIME MOVERS AND 9 VEHICLES/PIECES OF EQUIPMENT.

25X1

PUNTA BRAVA SAM SITE A29-2 CU 230130N 0823148W

25X1

OB -- 5 LAUNCHERS 02 WITH MISSILES, 1 WITH PROBABLE MISSILES, 6 TRANSPORTERS 02 WITH EXPOSED MISSILES, A FAN SONG RADAR WITH 4 ASSOCIATED VANS, AND 14 VEHICLES/PIECES OF EQUIPMENT.

25X1

RANCHO EL SAM SITE A33-2 CU 222350N 0801002W

25X1

OB -- 5 LAUNCHERS AND 14 TRANSPORTERS 06 WITH MISSILES.

25X1

TORRENS SAM ASSEMBLY AREA CU 225748N 0822753W

25X1

OB -- NUMEROUS MISSILE CANISTERS.

25X1

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

25X1

OB -- 6 MISSILE TRANSPORTERS 05 WITH EXPOSED MISSILES, 1 CANVAS COVERED, 13 CARGO TRUCKS, AND 6 VEHICLES/PIECES OF EQUIPMENT.

25X1

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

25X1

OB -- 9 TRANSPORTERS 04 WITH EXPOSED MISSILES, 14 VEHICLES/PIECES OF EQUIPMENT, AND NUMEROUS MISSILE CANISTERS.

25X1

CONSTANCIA SAM SITE A10-2 CU 221400N 0803030W

25X1

OB -- 4 LAUNCHERS WITH MISSILES, 1 LAUNCHER WITHOUT MISSILE, 1 LAUNCHER WITH MISSILE OUTSIDE REVETMENT, 1 MISSILE ON TRANSPORTER, A FAN SONG RADAR WITH 1 VAN, 8 TRANSPORTERS 07 CANVAS COVERED, 1 CRANE, AND 36 VEHICLES/PIECES OF EQUIPMENT.

25X1

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

25X1

OB -- 6 LAUNCHERS 01 WITH MISSILES, 1 ADDITIONAL LAUNCHER, AN OCCUPIED GUIDANCE AREA, AND 4 MISSILE TRANSPORTERS.

25X1

PUNTA BALLENAOS SAM SITE CU 230440N 0822945W

25X1

OB -- 3 LAUNCHERS REMAIN NEAR THE OCCUPIED ACQUISITION RADAR REVETMENT.

25X1

LA HABANA SAM SITE FORT DE LA CABANA CU 230055N 0822025W

25X1

THE SITE APPEARS TO BE OCCUPIED.

25X1

COJIMAR PROBABLE SAM SITE U/C CU 230900N 0821718W

25X1

SAN JOSE DE LAS LAJAS CRUISE-MSL STORAGE CU 225510N 0821007W

25X1

OB -- MAIN CAMP -- 3 SAMLET LAUNCHERS, 6 SAMLET TRANSPORTERS, AND 75 VEHICLES/PIECES OF EQUIPMENT. CAMP 0.8 NM WSW -- AT LEAST 13 VEHICLES/PIECES OF EQUIPMENT.

25X1

EL CANO SAM TRAINING AREA CU 230330N 0822906W

0586

86-K3

OB -- 2 LAUNCHERS, 3 TRANSPORTERS, 2 FAN SONG RADARS WITH 11

ASSOCIATED VANS, 2 TOKEN-TYPE RADARS, 2 POSSIBLE ROCK CAKE/STONE  
CAKE RADARS, 1 TRUCK-MOUNTED CRANE, AT LEAST 6 MISSILE CANISTERS,  
AND AT LEAST 37 VEHICLES/PIECES OF EQUIPMENT.

[REDACTED] 25X1

**AIR FACILITIES**

**SIGUANEA AIRFIELD CU 213834N 8825728W**

[REDACTED] 25X1

CONSTRUCTION CONTINUES.  
FIVE PROBABLE VEHICLES/PIECES OF EQUIPMENT ARE OBSERVED.

[REDACTED] 25X1

**SAN ANTONIO DE LOS BANOS AIRFIELD CU 225216N 8823034W**

[REDACTED] 25X1

OB -- 17 FISHBED, 1 POSSIBLE FISHBED, 3 PROBABLE FARMER, 10  
FAGOT/FRESCO, AND 1 HOUND.

[REDACTED] 25X1

**SAN JULIAN AIRFIELD CU 220542N 8840907W**

[REDACTED] 25X1

OB -- 11 PROBABLE COLT, 8 POSSIBLE ZLIN TRENER, AND 1 HOUND.

[REDACTED] 25X1

**JOSE MARTI INTERNATIONAL AIRFIELD CU 225922N 8822427W**

[REDACTED] 25X1

OB -- 2 POSSIBLE FISHBED, 3 BRITANNIA, 1 COOT, 2 COKE, 1 C-54, 9  
CRATE, 2 C-46, 1 C-47, AND 2 SMALL STRAIGHT-WING.

[REDACTED] 25X1

**CAMPO LIBERTAD AIRFIELD CU 230541N 8822555W**

[REDACTED] 25X1

OB -- 2 FISHBED, 1 FARMER, 5 FAGOT/FRESCO, 3 CRATE, 1 CAB, 16 COLT,  
38 HOUND 08 WITHOUT ROTORS, 1 MORAVA L-200, 2 SMALL STRAIGHT-WING,  
2 PROBABLE CAB FUSELAGES, AND AT LEAST 12 PROBABLE FRESCO SHIPPING  
CRATES.

[REDACTED] 25X1

**PLAYA BARACOA AIRFIELD CU 230205N 8823442W**

[REDACTED] 25X1

A NEW MAINTENANCE/STORAGE BUILDING IS UNDER CONSTRUCTION.  
OB -- 1 COKE, 1 CRATE, AND 1 HOUND.

[REDACTED] 25X1

**NUEVA GERONA AIRFIELD CU 215015N 8824648W**

[REDACTED] 25X1

CONSTRUCTION CONTINUES.  
OB -- 1 COLT AND 2 SMALL STRAIGHT-WING.

[REDACTED] 25X1

**JAIME GONZALES AIRFIELD CU 220926N 8802444W**

[REDACTED] 25X1

**NAVAL ACTIVITY/PORTS**

**MARIEL NAVAL BASE AND NAVAL AIR STATION CU 225940N 8824459W**

[REDACTED] 25X1

OB -- 1 POSSIBLE PCE, 2 KRONSHADT PC, 5 SO-1 SC, AND 2 COLT.  
VESSELS -- 1 FREIGHTER AND 1 COASTAL FREIGHTER.

[REDACTED] 25X1

**CABANAS NAVAL BASE CU 225835N 8825836W**

[REDACTED] 25X1

OB -- 14 KOMAR PTG, 1 SMALL COMBATANT, 35 STYX MISSILE CRATES, AND  
13 FA PIECES.

[REDACTED] 25X1

**SIGUANEA NAVAL BASE CU 213658N 8825846W**

[REDACTED] 25X1

**CIENFUEGOS PORT A NAVAL FACILITIES CU 220825N 8802728W**

[REDACTED] 25X1

OB -- 2 KRONSHADT PC, 7 P-6 PT, AND 1 SMALL COMBATANT.  
VESSELS -- 3 LARGE FREIGHTERS, 3 COASTAL FREIGHTERS, AND 1 LARGE  
TANKER.

LA HABANA PORT FACILITIES CU 230750N 0822050W

25X1

OB -- 2 PROBABLE PF 01 WITH ARMAMENT REMOVED, 4 SO-1 SC, 5 POSSIBLE SO-1 SC 04 IN FLOATING DRYDOCK, 3 KOMAR PTG, 1 P-6 PT, 6 P-4 PT, AND 1 SMALL COMBATANT.

VESSELS -- 19 FREIGHTERS AND 12 COASTAL FREIGHTERS 01 IN DRYDOCK.

PUNTA BALLEMATOS NAVAL FACILITY CU 230515N 0822945W

25X1

OB -- 3 POSSIBLE P-4 PT AND 1 SMALL COMBATANT.

25X1

ELECTRONICS/COMMUNICATIONS

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

25X1

OB -- 1 PROBABLE TOKEN-TYPE RADAR WITH 3 ASSOCIATED VANS.

25X1

BAHIA HONDA AW RADAR FACILITY CU 225829N 0831128W

25X1

BAHIA HONDA AW RADAR FACILITY 2 CU 225512N 0831214W

25X1

SANTA FE AW RADAR FACILITY CU 213933N 0824548W

25X1

OB -- 5 VEHICLES/PIECES OF EQUIPMENT IN 3 REVETTED AREAS.

25X1

CABANAS RADAR FACILITY CAYO TOMAS CU 225912N 0825850W

25X1

OB -- 1 LOW SIEVE RADAR.

25X1

CABO SAN ANTONIO LOW SIEVE RADAR FAC CU 215211N 0845704W

25X1

CIENFUEGOS RADAR FACILITY NO 2 CU 220226N 0802523W

25X1

FOUR VAN TRUCKS AND ONE UTILITY TRUCK ARE OBSERVED.

25X1

SANTA LUCIA RADAR SITE CU 224027N 0835726W

25X1

0.75 NM NE OF SANTA LUCIA AT UTM 17QJR962103. THE NEW RADAR SITE CONTAINS ONE SHEET BEND RADAR, ONE POSSIBLE RADAR, TWO PROBABLE GENERATORS, AND 1 VAN TRUCK. SUPPORT FACILITIES INCLUDE ONE SMALL BUILDING AND ONE MEDIUM TENT.

25X1

GROUND FORCE ACTIVITY

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

25X1

OB -- AT LEAST 40 VEHICLES/PIECES OF EQUIPMENT.

25X1

SANTIAGO DE LAS VEGAS MILITARY CAMP CU 225800N 0822020W

25X1

OB -- NUMEROUS VEHICLES/PIECES OF EQUIPMENT.

25X1

SANTIAGO DE LAS VEGAS MIL CAMP CU 225730N 0822320W

25X1

LOURDES MILITARY CAMP TORRENS CU 225919N 082119W

25X1

OB -- AT LEAST 50 VEHICLES/PIECES OF EQUIPMENT

BEJUCAL UG STORAGE AREA SE CU 225436N 0822142W

25X1

OB -- AT LEAST 30 VEHICLES/PIECES OF EQUIPMENT.

25X1

CAMPO FLORIDO MILITARY CAMP WSW CU 238617N 0821110W

25X1

OB -- NUMEROUS VEHICLES/PIECES OF EQUIPMENT.

25X1

LARGO ISLAND MILITARY CAMP CU 213735N 0813351W

25X1

OB -- 15 VEHICLES/PIECES OF EQUIPMENT.  
ACTIVITY -- 10 PROBABLE AND 2 POSSIBLE OCCUPIED AAA POSITIONS.

25X1

LA HABANA ARMY BARRACKS GUANABACOA CU 230716N 0821553W

25X1

OB -- 19 VEHICLES/PIECES OF EQUIPMENT.

25X1

GUANAJAY MILITARY CAMP MARTIN MESA CU 225720N 0824332W

25X1

OB -- AT LEAST 55 VEHICLES/PIECES OF EQUIPMENT.

25X1

GUANAJAY DRIVE THROUGH BUNKER CU 225655N 0823900W

25X1

LA FLORA MILITARY CAMP CU 225243N 0823350W

25X1

OB -- 18 TANKS/ASSAULT GUNS, 36 BTR-60P APC, AT LEAST 52 FA PIECES,  
16 AAA PIECES, 9 MORTARS, AND NUMEROUS CARGO TRUCKS AND  
VEHICLES/PIECES OF EQUIPMENT.

25X1

MANAGUA TANK PARK LOMAS DE TETAS CU 225805N 0821910W

25X1

OB -- AT LEAST 26 VEHICLES/PIECES OF EQUIPMENT.

25X1

MANAGUA MILITARY CAMP CU 225805N 0821710W

25X1

OB -- NUMEROUS VEHICLES/PIECES OF EQUIPMENT AND 3 COLT.

25X1

MANICARAGUA STORAGE AREA CU 220624N 0795848W

25X1

MARIEL MILITARY CAMP LOMA GOBERNADORA CU 225605N 0825104W

25X1

MINAS MILITARY CAMP JESUS MARIA FINCA CU 230635N 0821151W

25X1

NAZARENO MILITARY CAMP CU 225750N 0821355W

25X1

OB -- 20 PROBABLE TANKS/ASSAULT GUNS, 13 BTR-60P APC, AND AT LEAST  
7 VEHICLES/PIECES OF EQUIPMENT.

25X1

SAN DIEGO DE NUNEZ MILITARY CAMP CU 225450N 0830533W

25X1

OB -- 3 POSSIBLE VEHICLES/PIECES OF EQUIPMENT.

25X1

SAN JOSE DE LAS LAJAS VEHICLE PARK NW CU 225842N 0821227W

25X1

THREE BUILDINGS ARE UNDER CONSTRUCTION.  
OB -- AT LEAST 4 LAUNCHERS, 13 ELECTRONICS VANS, AND AT LEAST 12  
VEHICLES/PIECES OF EQUIPMENT.

25X1

SANTA CLARA ARTILLERY TRAINING AREA CU 222202N 0800011W

SANTA FE MILITARY CAMP LA CLARITA CU 214351N 0824638W

OB -- MAIN CAMP -- 4 VEHICLES/PIECES OF EQUIPMENT.  
CAMP 1.5 NM WNW -- 4 PROBABLE TANKS/ASSAULT GUNS AND 11  
VEHICLES/PIECES OF EQUIPMENT.  
CONSTRUCTION CONTINUES ON DRIVE-THROUGH BUNKERS.

25X1

SANTA FE MILITARY CAMP LUMUMBA CU 214200N 0824930W

OB -- 14 VEHICLES/PIECES OF EQUIPMENT.

25X1

25X1

25X1

SANTA FE MILITARY CAMP EAST CU 214430N 0824402W

OB -- 3 VEHICLES/PIECES OF EQUIPMENT.

25X1

SAN ANTONIO DE LOS BANOS MILITARY CAMP NE CU 225400N 0822948W

OB -- AT LEAST 69 CARGO TRUCKS.

25X1

25X1

CHORRERA DE MANAGUA MILITARY CAMP W CU 230216N 0821951W

OB -- 22 TANKS/ASSAULT GUNS, 1 PROBABLE BTR-60P APC, AND 7 CARGO  
TRUCKS.

25X1

25X1

LA CHARCA MILITARY HQS CU 224600N 0803627W

OB -- 25 PROBABLE FA PIECES, 18 PROBABLE BTR-60P APC, AND AT LEAST  
100 VEHICLES/PIECES OF EQUIPMENT.

25X1

25X1

SIGUANEA MILITARY BARRACKS CU 213710N 0825725W

OB -- 2 CARGO TRUCKS.

25X1

25X1

25X1

OBOURKE MILITARY CAMP CU 220940N 0802722W

OB -- 17 PROBABLE FA PIECES AND 14 CARGO TRUCKS.

25X1

25X1

ALQUIZAR MILITARY CAMP N CU 225124N 0823406W

OB -- 2 VEHICLES/PIECES OF EQUIPMENT.

25X1

FONTANAR UNDERGROUND STORAGE AREA CU 230154N 0822442W

CONSTRUCTION CONTINUES ON THE FIVE BUILDINGS.

25X1

25X1

CAMPO LIBERTAD VEHICLE PARK CU 230324N 0822724W

OB -- NUMEROUS VEHICLES/PIECES OF EQUIPMENT.

25X1

25X1

ALTURAS DE BELEN VEHICLE PARK CU 230536N 0822452W

OB -- NUMEROUS VEHICLES/PIECES OF EQUIPMENT.

25X1

25X1

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

25X1

25X1