

PHOTOGRAPHIC INTERPRETATION REPORT

IPIR
BRASS KNOB MISSION 3447
24 FEBRUARY 1963



ARMY



NAVY

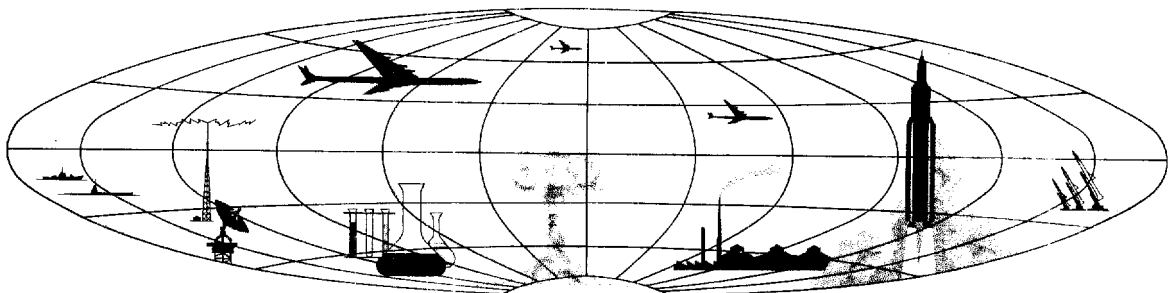


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NATIONAL PHOTOGRAPHIC INTERPRETATION CENTER

IMMEDIATE PHOTOGRAPHIC INTERPRETATION REPORT

THE FOLLOWING INFORMATION REPRESENTS A PRELIMINARY ANALYSIS OF AERIAL PHOTOGRAPHY FROM BRASS KNOB MISSION 3447, DATED 24 FEBRUARY 1963. THE NUMBER APPEARING AT THE END OF THE HEADER LINE IS THE COMOR TARGET NUMBER.

-ITEMS OF INTEREST-

SHIP SIGHTING 2812N 08212W

25X1D

3 NM NORTH OF TARARA.
3 SMALL COASTAL FREIGHTERS STEAMING EAST. ONE PROBABLE PC HEADING SW. ONE FREIGHTER WITH HATCHES OPEN HEADING EAST. ONE FREIGHTER HEADING WEST WITH UNIDENTIFIED DECK CARGO CONSISTING OF AT LEAST 10 RECTANGULAR CRATELIKE OBJECTS.



HAVANA AREA, TRUCK CONVOYS 2333N 08228W

25X1D

TWO TRUCK CONVOYS PARKED ALONG MEDIODIA BLVD ON SW OUTSKIRTS OF HAVANA. CONVOY HEADING SW CONTAINS 45 EMPTY, OPEN-BED TRACTOR TRAILERS AND 9 CARGO TRUCKS. CONVOY HEADING NE CONTAINS AT LEAST 17 EMPTY, OPEN-BED TRACTOR TRAILERS.



-MISSILES-

25X1A

SAGUA LA GRANDE MRBM SITE 1 2243N 08001W

25X1D

NO ACTIVITY OBSERVED. ARCHED-ROOF BUILDING REMAINS.



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25X1A

SAGUA LA GRANDE MRBM SITE 2 2239N 07951W

25X1D

NO ACTIVITY OR EQUIPMENT OBSERVED. CONCRETE ARCHES
REMAIN.

[REDACTED]

REMEDIOS IRBM SITE 2225N 07935W

25X1D

LARGE TENT IN FRONT OF ARCHED-ROOF BUILDING. NO
ACTIVITY OBSERVED.

[REDACTED]

TAPASTE AREA, STORAGE SITES 2303N 08207W

25X1D

NO APPARENT CHANGE IN CLOUD-FREE AREAS.

[REDACTED]

BARTOLOME, SUSPECT SSM ACTIVITY 2226N 07934W

25X1D

NO MISSILE-RELATED ACTIVITY OBSERVED.

[REDACTED]

BELLAMAR, SUSPECT SSM ACTIVITY 2302N 08133W

25X1D

NO MILITARY OR UNUSUAL ACTIVITY OBSERVED.

[REDACTED]

MATANZAS CITY, LA CUMBRE ALTA 2304N 08133W

25X1D

NO MISSILE OR MILITARY ACTIVITY OBSERVED.

[REDACTED]

PEPU (PEPUS), SUSPECT MISSILE ACTIVITY 2016N 07620W

NO UNUSUAL ACTIVITY OBSERVED IN CLOUD-FREE AREAS.

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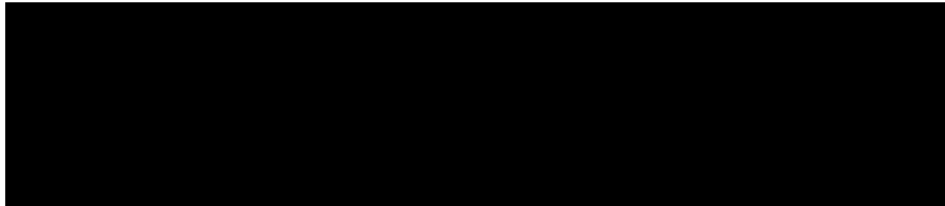
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25X1D



25X1D



25X1A



MATANZAS SAM SITE 2301N 08129W

25X1D SIX LAUNCH POSITIONS (AT LEAST 4 CANVAS-COVERED) AND SEVEN MISSILE TRANSPORTERS VISIBLE. GUIDANCE EQUIPMENT APPEARS CANVAS COVERED.



HAVANA SAM SITE 2309N 08213W

25X1D SIX CANVAS-COVERED LAUNCHERS, CANVAS-COVERED HOLD AREA, AND CANVAS-COVERED GUIDANCE EQUIPMENT.



SAGUA LA GRANDE SAM SITE 2251N 08005W

25X1D SIX REVETTED LAUNCHERS, CANVAS-COVERED GUIDANCE RADAR, AND ONE CANVAS-COVERED MISSILE TRANSPORTER OBSERVED. POOR IMAGE QUALITY PRECLUDES FURTHER INTERPRETATION.



CAIBARIEN SAM SITE 2228N 07929W

25X1D SITE CONTAINS 6 UNRETTED CANVAS-COVERED LAUNCHERS AND 6 CANVAS-COVERED MISSILE TRANSPORTERS. GUIDANCE RADAR IN PLACE, PARTIALLY CANVAS COVERED.



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25X1A

SANCTI SPIRITUS SAM SITE 2147N 07929W

25X1D

SIX LAUNCHERS, 6 MISSILE TRANSPORTERS, ONE MISSILE NOT ON TRANSPORTER, AND OCCUPIED GUIDANCE AREA OBSERVED.

MANZANILLO SAM SITE 2018N 07706W

25X1D

SIX LAUNCHERS IN REVETTED POSITIONS, 6 CANVAS-COVERED MISSILE TRANSPORTERS AND ONE UNCOVERED TRANSPORTER WITH MISSILE OBSERVED. GUIDANCE AREA IS OCCUPIED.

SANTIAGO DE CUBA SAM SITE 1959N 07550W

25X1D

SITE CONTAINS 6 CANVAS-COVERED LAUNCHERS, 6 COVERED TRANSPORTERS, ONE UNCOVERED TRANSPORTER, AND OCCUPIED GUIDANCE AREA.

DELEITE SAM SITE 2259N 08045W

25X1D

SIX LAUNCH POSITIONS AND 7 CANVAS-COVERED MISSILE TRANSPORTERS OBSERVED. CLOUD SHADOW PRECLUDES FURTHER INTERPRETATION.

CIEGO DE AVILA SAM SITE 2142N 07850W

25X1D

SITE CONTAINS 6 CANVAS-COVERED LAUNCHERS AND 7 COVERED TRANSPORTERS. GUIDANCE EQUIPMENT IS PARTIALLY CANVAS COVERED.

25X1A

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25X1A

DELEITE ALTERNATE SAM SITE 2301N 08044W

25X1D

SITE ABANDONED. NO ACTIVITY OBSERVED.

[REDACTED]

LOMA DE TIERRA, MILITARY CAMP 2301N 08213W

25X1D

150 TRUCKS OBSERVED IN CLOUD-FREE AREA.
SCATTERED CLOUDS PRECLUDE FURTHER INTERPRETATION.

[REDACTED]

MANAGUA SAM SITE 2259N 08215W

25X1D

NO LAUNCHERS IN REVETMENTS, HOLD POSITIONS EMPTY.
ONE PROBABLE VEHICLE IN GUIDANCE REVETMENT.
SIXTEEN VEHICLES IN SUPPORT AREA.

[REDACTED]

CAMPO FLORIDA CRUISE-MISSILE SITE 2306N 08211W

25X1D

TWO LAUNCHERS, 5 CANVAS-COVERED MISSILE TRANSPORTERS,
7 CRUISE-MISSILE CRATES AND AT LEAST 20 VEHICLES
OBSERVED IN CLOUD-FREE AREA.

[REDACTED]

-AIRFIELDS-

25X1A

ANTONIO MACEDO AIRFIELD 1958N 07550W

25X1D

AIRCRAFT -- 3 CRATE, 1 HOUND, 1 HARE AND 3 LIAISON.
NO APPARENT CHANGE IN FACILITIES.

[REDACTED]

CORONEL PASCUAL AIRFIELD 2307N 08117W

AIRCRAFT -- 5 SINGLE ENGINE.
THIRTEEN VEHICLES OBSERVED. CLOUDS PRECLUDE FURTHER
INTERPRETATION.

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25X1D



25X1A

SAN ANTONIO DE LOS BANOS AIRFIELD 2252N 08231W

25X1D

AIRCRAFT -- 3 FAGOT/FRESCO, 6 TWIN-ENGINE TRANSPORT.
OBLIQUITY AND CLOUDS PRECLUDE FURTHER INTERPRETATION.



JOSE MARTI INTERNATIONAL AIRFIELD 2300N 08224W

25X1D

AIRCRAFT -- 3 FOUR-ENGINE TRANSPORT AND 2 CRATE
OBSERVED.



CAMPO LIBERTAD AIRFIELD 2306N 08226W

25X1D

AIRCRAFT -- 8 ZLIN TRENER, 7 COLT, ONE PBV,
ONE SMALL TWIN-ENGINE, AND 28 LIAISON-TYPE OBSERVED.



MANAGUA AIRFIELD 2258N 08217W

25X1D

NO APPARENT CHANGE IN FACILITIES.
AIRCRAFT -- NONE OBSERVED.



BAYAMO EAST AIRFIELD 2023N 07638W

25X1D

AIRCRAFT -- 5 LIAISON-TYPE.



TRINIDAD AIRFIELD 2147N 07959W

25X1D

AIRCRAFT -- NONE OBSERVED.



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-PORTS-

25X1A

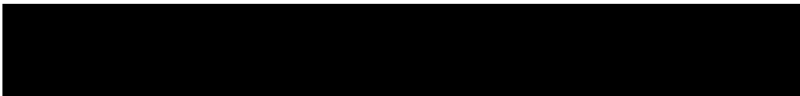
MANZANILLO PORT 2021N 07707W

25X1D VESSELS -- ONE FREIGHTER NEAR CAPE GRANDE,
4 BARGES ANCHORED OFF SHORE, 9 BARGES AT PIERS.



SANTIAGO DE CUBA PORT 2001N 07550W

25X1D VESSELS -- ONE FREIGHTER, ONE FUEL BARGE, 2 HULKS,
AND NUMEROUS SMALL CRAFT VISIBLE. NO MILITARY
EQUIPMENT OBSERVED.



LA ISABELA PORT 2256N 08001W

25X1D VESSELS -- ONE LARGE FREIGHTER.
NO MILITARY EQUIPMENT OBSERVED.



CAIBARIEN PORT 2232N 07928W

25X1D TWO POSSIBLE LABINSK-CLASS SHIPS ANCHORED 14 NM
NE OF CAIBARIEN AND JUST WEST OF CAYO FRANCES.
THERE ARE 3 LIGHTERS ALONGSIDE ONE SHIP AND 2
LIGHTERS ALONGSIDE THE OTHER.



CARDENAS PORT 2302N 08112W

25X1D INCOMPLETE COVERAGE. NUMEROUS SMALL CRAFT VISIBLE.
NO MILITARY EQUIPMENT OR UNUSUAL ACTIVITY OBSERVED.



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25X1A

CASILDA PORT 2145N 07959W

25X1D

NO LARGE VESSELS OR MILITARY EQUIPMENT OBSERVED.

[REDACTED]

MATANZAS PORT 2303N 08134W

25X1D

VESSELS -- 2 LARGE FREIGHTERS (INCLUDING ONE KRASNOGRAD CLASS), ONE SMALL FREIGHTER AND ONE TUGBOAT. KRASNOGRAD-CLASS FREIGHTER ON NORTH SIDE OF NEW WHARF. HATCHES ARE SECURED AND BOOMS STOWED. THREE BOXCARS ON WHARF ALONGSIDE SHIP. NO MILITARY EQUIPMENT OR ACTIVITY OBSERVED.

[REDACTED]

25X1A

HAVANA PORT 2308N 08221W

25X1D

25X1D

25X1D

VESSELS -- 7 PCS (ONE IN DRYDOCK), 8 PTS, 38 FREIGHTERS TIED-UP (3 WITH DECK CARGO) AND 41 FREIGHTERS ANCHORED (2 WITH DECK CARGO). THE [REDACTED] REMAINS DOCKED AT BURRUS WHARF, ALL HATCHES ARE OPEN AND BOOMS ACTIVE. THE PRESENCE OF THE [REDACTED] CANNOT BE CONFIRMED. SCATTERED CLOUDS PRECLUDE FURTHER INTERPRETATION.

[REDACTED]

JUCARO PORT 2137N 07851W

25X1D

25X1D

VESSELS -- ONE UNIDENTIFIED FREIGHTER ANCHORED 2.8 NM SSW OF PORT, NUMEROUS SMALL CRAFT, AND 5 BARGES IN PORT. THE [REDACTED] WAS NOT OBSERVED. NO MILITARY EQUIPMENT OBSERVED.

[REDACTED]

25X1D

25X1D

TUNAS DE ZAZA, PORT FACILITIES 2138N 07933W

THE [REDACTED] ANCHORED 1.5 NM SW OF PORT, HAS 4 HATCHES OPEN, BOOMS ARE ACTIVE AND 5 LIGHTERS ARE ALONGSIDE.

[REDACTED]

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-ELECTRONICS-

25X1A

HAVANA AREA, COMMUNICATIONS CENTER 2300N 08226W

NO APPARENT CHANGE IN FACILITIES.
VEHICLES -- 11 TRUCKS AND 7 PROBABLE VANS.

25X1D

-MILITARY ACTIVITY-

CARDENAS AREA, MILITARY CAMP 2302N 08119W

TWENTY TANKS/SP GUNS OBSERVED. NO CHANGE IN
FACILITIES.

25X1D

MANZANILLO AREA, MILITARY CAMP 2017N 07706W

NINETEEN TANKS/SP GUNS AND APPROXIMATELY 13 VEHICLES
OBSERVED.
NO APPARENT CHANGE IN FACILITIES.

25X1D

REMEDIOS AREA, MILITARY CAMP 2227N 07934W

NO APPARENT CHANGE IN VEHICLE/EQUIPMENT COUNT IN
CLOUD-FREE PORTION OF CAMP. INCOMPLETE COVERAGE.

25X1D

MINAS, AMMUNITION STORAGE AREA 2307N 08212W

NO APPARENT CHANGE IN FACILITIES.
CANVAS-COVERED OBJECTS APPEAR UNMOVED.

25X1D

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25X1A

SANTIAGO DE LAS VEGAS AREA, MILITARY CAMP 2258N 08220W

25X1D HAZE AND HEAVY CLOUDS PRECLUDE INTERPRETATION.

[REDACTED]

LIMONAR AREA, MILITARY CAMP 2256N 08124W

25X1D NO APPARENT CHANGE IN FACILITIES. AT LEAST 50 VEHICLES OBSERVED.

[REDACTED]

MANAGUA, MILITARY CAMP 2258N 08217W

25X1D NO APPARENT CHANGE. SMALL SCALE AND OBLIQUITY PRECLUDE VEHICLE COUNT.

[REDACTED]

EL CRISTO, MILITARY INSTALLATION 2007N 07546W

25X1D MILITARY TRAINING AREAS ARE LOCATED 2 AND 4 NM NW OF EL CRISTO (20-08N 075-46W, AND 20-09N 075-48W). THIRTEEN CARGO TRUCKS ARE VISIBLE AT AREA 4 NM NW OF EL CRISTO.

[REDACTED]

CASCAJAL, MILITARY AREA 2240N 08031W

25X1D NO MILITARY ACTIVITY OBSERVED.

[REDACTED]

LOMAS DE CRISTO, MILITARY AREA 2006N 07546W

25X1D NO MILITARY ACTIVITY OBSERVED.

[REDACTED]

25X1A

[REDACTED]

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25X1A

JOVELLANOS, MILITARY AREA 2248N 08112W

NO ACTIVITY OR VEHICLES NOTED IN AREA.

25X1D

NAZARENO, MILITARY AREA 2258N 08214W

FIVE TRUCKS AND 23 UNIDENTIFIED VEHICLES/PIECES OF
EQUIPMENT OBSERVED.
OBLIQUITY PRECLUDES FURTHER INTERPRETATION.

25X1D

GUANABO AREA, MILITARY AREA 2311N 08203W

NO APPARENT CHANGE IN FACILITIES IN EASTERNMOST AREA.
NINE VEHICLES OBSERVED. SCATTERED CLOUDS PRECLUDE
FURTHER INTERPRETATION.

25X1D

CAMPO FLORIDA, MILITARY CAMP 2307N 08206W

NO APPARENT CHANGE IN FACILITIES.
VEHICLES -- 15 CANVAS-COVERED PROBABLE TANKS AND 16
TRUCKS OBSERVED.

25X1D

BAJURAYABO AREA, MILITARY CAMP 2308N 08210W

NO APPARENT CHANGE IN FACILITIES.
SCATTERED CLOUDS AND HAZE PRECLUDE VEHICLE COUNT.

25X1D

GUANABACOA, MILITARY AREA 2307N 08215W

NO APPARENT CHANGE IN EASTERN AREA. AT LEAST 25
VEHICLES OBSERVED IN WESTERN AREA.

25X1D

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HAVANA AREA, MILITARY CAMP 2301N 08218W

25X1D NO APPARENT CHANGE IN FACILITIES.
CLOUDS PRECLUDE FURTHER INTERPRETATION.

[REDACTED]

25X1A

SPECIAL AREA ALPHA 2258N 08227W

25X1D NO APPARENT CHANGE IN CLEAR AREAS.

[REDACTED]

SIBONEY LANDING BEACH 1957N 07542W

25X1D NO NEW MILITARY ACTIVITY OBSERVED.

[REDACTED]

TARARA LANDING BEACH 2310N 08212W

25X1D NO APPARENT CHANGE.

[REDACTED]

MATANZAS LANDING BEACH 2301N 08126W

25X1D NO NEW MILITARY ACTIVITY OBSERVED.

[REDACTED]

VARADERO LANDING BEACH 2308N 08118W

25X1D NO NEW MILITARY ACTIVITY OBSERVED.

[REDACTED]

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25X1A

MAR VERDE LANDING BEACH 1957N 07557W

NO APPARENT CHANGE.

25X1D

-MISCELLANEOUS-

SAN FRANCISCO DE PAULA, MUNITIONS STGE SITE 2303N 08218W

NO APPARENT CHANGE IN FACILITIES. CONSTRUCTION CONTINUING ON 5 BUNKERS. VEHICLES/PIECES OF EQUIPMENT STILL LOCATED ALONG LOOP ROADS IN SECURED AREA.

25X1D

MANAGUA, MUNITIONS STORAGE SITE 2258N 08218W

NO APPARENT CHANGE IN FACILITIES. NO VEHICLES OBSERVED.

25X1D

BEJUCAL, MUNITIONS STORAGE SITES 2256N 08223W

NO APPARENT CHANGE IN HEADQUARTERS AREA. TEN TRUCKS AND 5 OTHER VEHICLES OBSERVED. STORAGE SITE IS CLOUD COVERED.

25X1D

25X1A

25X1D

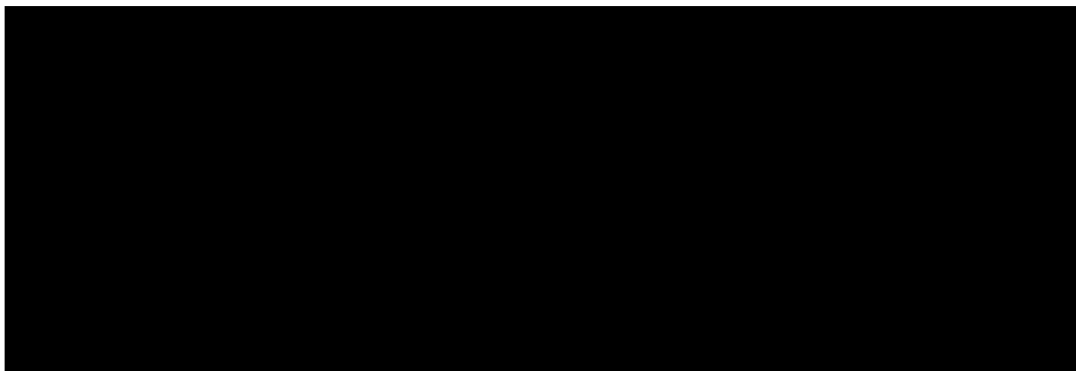
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25X1A

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25X1D

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25X1A



-STATUS OF OTHER TARGETS-

MISSION 3447 DID NOT COVER TARGETS EAST OF 75 DEGREES OR WEST OF 84 DEGREES WEST LONGITUDE.

THE FOLLOWING TARGETS COULD BE IDENTIFIED BUT NOT INTERPRETED --

25X1A

| | |
|---|--------------|
| GUANAJAY IRBM SITE 1 | 2257N 08239W |
| JIGUANI SAM SITE | 2021N 07620W |
| SANTIAGO DE CUBA SAM ASSEMBLY AREA | 2003N 07553W |
| SANTIAGO DE LAS VEGAS SAM ASSEMBLY AREA | 2257N 08221W |
| CIEGO DE AVILA SAM ASSEMBLY AREA | 2152N 07844W |
| MALDONADO SAM SITE | 2012N 07528W |
| CAMAGUEY AIRFIELD SAM SITE | 2122N 07750W |
| CERCA DE PIEDRA, SUSPECT SAM SUPP AREA | 2004N 07551W |
| SANTA CRUZ DEL NORTE CRUISE-MISSILE SITE | 2309N 08156W |
| CAMAGUEY INTERNATIONAL AIRFIELD | 2125N 07751W |
| PLAYA BARACOA AIRFIELD | 2302N 08235W |
| SURGIDERO DE BATABANO PORT | 2241N 08218W |
| LA FLORA AREA, MILITARY STORAGE | 2252N 08233W |
| CAMAGUEY AREA, MILITARY CAMP 1 | 2121N 07750W |
| SAN JOSE DE LAS LAJAS AREA, MILITARY CAMP | 2255N 08210W |
| TORRENS, MILITARY COMPLEX | 2259N 08228W |
| MADRUGA, POL STORAGE | 2256N 08149W |
| CAMAGUEY AREA, MILITARY CAMP | 2126N 07753W |
| EL CRISTO, MILITARY INSTALLATION | 2007N 07546W |
| LAGUNA SIGUA, MILITARY AREA | 1954N 07531W |
| SPECIAL AREA BRAVO BLUE | 2250N 08233W |
| SPECIAL AREA BRAVO RED | 2254N 08231W |
| SPECIAL AREA VICTOR | 2300N 08234W |

25X1D

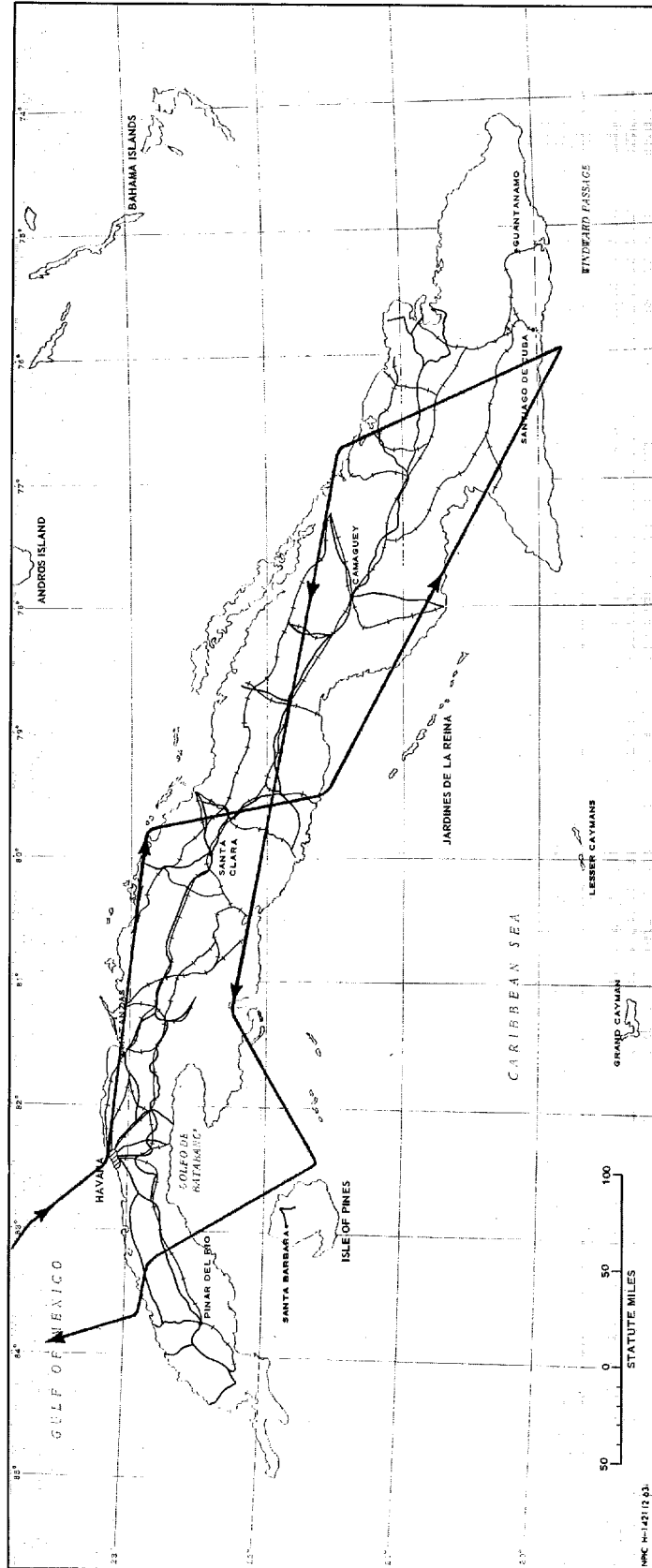


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APPROXIMATE TRACK OF BRASS KNOB MISSION 3447, 24 FEBRUARY 1963

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