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NPIC/R-1551/63
November 1963

PHOTOGRAPHIC INTERPRETATION REPORT

IPIR
BRASS KNOB MISSION 3770
8 NOVEMBER 1963

Declass review-NIMA/DOD

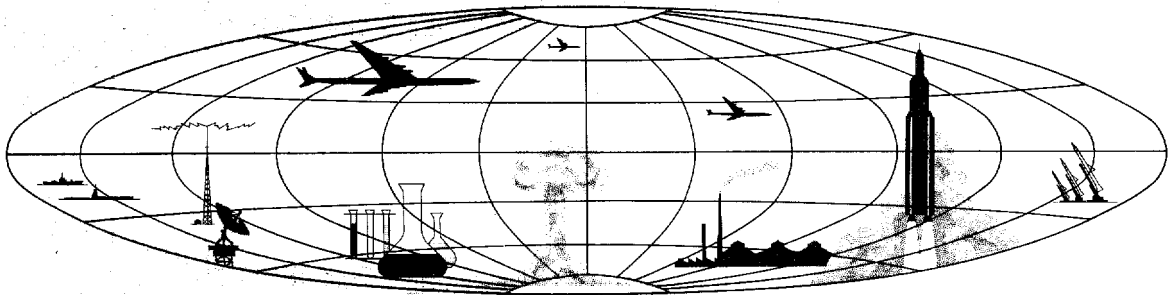


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IMMEDIATE PHOTOGRAPHIC INTERPRETATION REPORT

THE FOLLOWING INFORMATION REPRESENTS A PRELIMINARY ANALYSIS OF AERIAL PHOTOGRAPHY FROM BRASS KNOB MISSION 3770, DATED 8 NOV 1963. THE NUMBER APPEARING AT THE END OF THE HEADER LINE IS THE COMOR TARGET NUMBER.

SYMBOLS USED TO INDICATE CONDITIONS WHICH AFFECT THE APPEARANCE OF THE TARGET ON THE PHOTOGRAPHY ARE AS FOLLOWS -- C (CLEAR), SC (SCATTERED CLOUDS), HC (HEAVY CLOUDS), H (HAZE), CS (CLOUD SHADOW), SD (SEMIDARKNESS), O (OBLIQUITY), PQ (POOR IMAGE QUALITY).

PHOTOGRAPHIC COVERAGE AND INTERPRETATION OF SOME TARGETS IS INCOMPLETE DUE TO A CAMERA MALFUNCTION.

-MISSILES-

25X1A

SAGUA LA GRANDE MRBM SITE 1 2243N 08001W

SITE ABANDONED.
NO ACTIVITY OBSERVED.

25X1D

SAGUA LA GRANDE MRBM SITE 2 2239N 07951W

SITE ABANDONED.
NO ACTIVITY OBSERVED.

25X1D

SAGUA LA GRANDE SAM SITE 2251N 08005W

SIX CANVAS-COVERED REVETTED LAUNCHERS, ONE CANVAS-COVERED MISSILE HOLD AREA, A CANVAS-COVERED VEHICLE PARKING AREA, AND A CANVAS-COVERED GUIDANCE REVETMENT OBSERVED.

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25X1D



25X1A



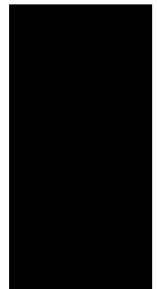
CAIBARIEN SAM SITE 2228N 07929W

SIX UNREVIEWED CANVAS-COVERED LAUNCHERS, ONE CANVAS-COVERED MISSILE TRANSPORTER, ONE CANVAS-COVERED HOLD AREA, 2 UNIDENTIFIED VEHICLES, AND AN OCCUPIED GUIDANCE AREA OBSERVED.

25X1D



25X1A



SANCTI SPIRITUS SAM SITE 2147N 07929W

SITE ABANDONED.

25X1D



LOS ANGELES SAM SITE 2100N 07541W

SIX UNREVIEWED LAUNCHERS (3 WITH MISSILES), 7 MISSILE TRANSPORTERS (4 CANVAS-COVERED), 13 CANVAS-COVERED TRACKED PRIME MOVERS, ONE PROBABLE TRACKED PRIME MOVER, 2 CARGO TRUCKS, 7 PROBABLE VAN TRAILERS, 2 UNIDENTIFIED VEHICLES OR PIECES OF EQUIPMENT, AND AN OCCUPIED GUIDANCE AREA WITH RADAR AND CANVAS-COVERED EQUIPMENT OBSERVED IN CLOUD-FREE AREAS. AN OCCUPIED 3-GUN AAA SITE OBSERVED AT UTM 18Q VU 272236 (AMS SERIES E723, SHEET 5079 II, 1ST ED).

25X1D



25X1A



SANTIAGO DE CUBA SAM ASSEMBLY AREA 2003N 07553W

TWENTY-NINE MISSILE TRANSPORTERS (2 CANVAS-COVERED), AT LEAST 25 CARGO TRUCKS, 8 CANVAS-COVERED TRACKED PRIME MOVERS AND SEVERAL OTHER VEHICLES OBSERVED.

25X1D



25X1A



CIFUENTES SAM ASSEMBLY AREA 2236N 08005W

TWO VEHICLES AND 8 VEHICLES OR PIECES OF EQUIPMENT OBSERVED.

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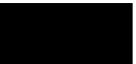
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25X1D



25X1A

VICTORIA DE LAS TUNAS SAM ASSEMBLY AREA 2104N 07700W



TWENTY-TWO MISSILE TRANSPORTERS, 5 FLATBED TRACTOR-TRAILER TRUCKS, AT LEAST 25 CARGO TRUCKS, 17 VAN TRUCKS, 6 VAN TRAILERS, 4 UTILITY TRUCKS, 3 TRACKED PRIME MOVERS, 3 TRUCK-MOUNTED CRANES, 5 UNIDENTIFIED VEHICLES, 5 PROBABLE MISSILES ON DOLLIES (4 IN STAGES OF ASSEMBLY) AND AT LEAST 100 MISSILE CANISTERS.

25X1D



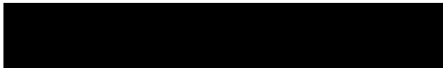
25X1A

HOLGUIN SAM SITE 2052N 07627W



SIX SEMI-REVVETTED CANVAS-COVERED LAUNCHERS, 7 MISSILE TRANSPORTERS (4 CANVAS-COVERED), 11 TRACKED PRIME MOVERS, 8 VAN TRAILERS, 8 CARGO TRUCKS, AND AN OCCUPIED GUIDANCE AREA WITH RADAR AND CANVAS-COVERED EQUIPMENT OBSERVED.

25X1D



25X1A

SANTA CLARA SAM SITE 2229N 08000W



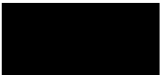
SIX UNREVVETTED LAUNCHERS (3 CANVAS-COVERED), ONE PROBABLE MISSILE TRANSPORTER, 3 CANVAS-COVERED HOLD AREAS, 7 CARGO TRUCKS, 3 UNIDENTIFIED VEHICLES, AND AN OCCUPIED GUIDANCE AREA OBSERVED. OBLIQUITY LIMITS INTERPRETATION.

25X1D



25X1A

NUEVITAS SAM SITE 2128N 07720W



SITE ABANDONED.

25X1D



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25X1A

NUEVITAS SAM SITE 2 2132N 07717W

SITE CONTAINS 6 UNREVIEWED LAUNCHERS, 6 MISSILE TRANSPORTERS, 5 CARGO TRUCKS, ONE VAN TRUCK, ONE UNIDENTIFIED VEHICLE AND AN OCCUPIED GUIDANCE AREA WITH RADAR AND 6 VANS. FACILITIES INCLUDE 8 LARGE, ONE MEDIUM AND 2 SMALL TENTS.

25X1D

25X1A

BANES CRUISE-MISSILE SITE 2058N 07538W

TWO REVIEWED LAUNCHERS, 3 CANVAS-COVERED MISSILE TRANSPORTERS, ONE PROBABLE CANVAS-COVERED MISSILE TRANSPORTER, 5 UNIDENTIFIED VEHICLES, 3 CANVAS-COVERED VEHICLE AND EQUIPMENT AREAS, AND AN OCCUPIED CANVAS-COVERED GUIDANCE AREA OBSERVED. THE 3-GUN AAA SITE REMAINS OCCUPIED.

25X1D

25X1A

-AIRFIELDS-

CAMILO CIENFUEGOS AIRFIELD 2229N 07955W

AIRCRAFT -- 11 FAGOT/FRESCO, 10 HOUND, AND ONE HARE.

25X1D

25X1A

CAMAGUEY INTERNATIONAL AIRFIELD 2125N 07751W

AIRCRAFT -- 2 CRATE AND ONE LIAISON.

25X1D

HOLGUIN AIRFIELD 2048N 07618W

AIRCRAFT -- 15 FAGOT, 7 HOUND, AND ONE PROBABLE HARE.

25X1D

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25X1A

LOS CANOS AIRFIELD 2004N 07509W

NO AIRCRAFT OBSERVED.
INCOMPLETE PHOTOGRAPHIC COVERAGE.

25X1D



ANTONIO MACEDO AIRFIELD 1958N 07550W

AIRCRAFT -- ONE COOT AND 5 LIAISON.

25X1D



JAIME GONZALES AIRFIELD 2209N 08025W

NO AIRCRAFT OBSERVED.

25X1D



25X1A

BAYAMO EAST AIRFIELD 2023N 07638W

AIRCRAFT -- 4 LIAISON.

25X1D



TRINIDAD AIRFIELD 2147N 07959W

NO AIRCRAFT OBSERVED.
INCOMPLETE PHOTOGRAPHIC COVERAGE.

25X1D



25X1A

-PORTS-

BANES NAVAL BASE 2055N 07542W

VESSELS -- ONE KRONSHADT-CLASS PC AND ONE OTHER PC.
THE 11 UNIDENTIFIED CRATES REMAIN.

25X1D



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25X1A

BARACOA PORT 2021N 07430W

NO LARGE VESSELS OBSERVED.
INCOMPLETE PHOTOGRAPHIC COVERAGE.

25X1D

CIENFUEGOS PORT 2209N 08027W

VESSELS -- ONE PF, ONE KRONSTADT-CLASS PC, 2 LARGE
FREIGHTERS AND 3 UNIDENTIFIED VESSELS.
OBLIQUITY LIMITS INTERPRETATION.

25X1D

MOA PORT 2039N 07454W

NO LARGE VESSELS OBSERVED.

25X1D

SANTIAGO DE CUBA PORT 2001N 07550W

ONE LARGE FREIGHTER OBSERVED IN CLOUD-FREE AREAS.

25X1D

NUEVITAS PORT 2132N 07716W

VESSELS -- 4 LARGE FREIGHTERS (ONE ENTERING PORT) AND
ONE COASTAL FREIGHTER ENTERING PORT.
INCOMPLETE PHOTOGRAPHIC COVERAGE.

25X1D

LA ISABELA PORT 2256N 08001W

NO LARGE VESSELS OR MILITARY EQUIPMENT OBSERVED.

25X1D

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25X1A

CAIBARIEN PORT 2232N 07928W

NO LARGE VESSELS OBSERVED.

25X1D

CASILDA PORT 2145N 07959W

NO LARGE VESSELS OBSERVED.

25X1D

JUCARO PORT 2137N 07851W

NO VESSELS OBSERVED IN CLOUD-FREE AREAS.

25X1D

PUERTO PADRE PORT 2113N 07632W

NO LARGE VESSELS OBSERVED.

25X1D

-MILITARY ACTIVITY-

25X1A

GUANTANAMO AREA 1 2005N 07523W

NO NEW MILITARY ACTIVITY OBSERVED.

25X1D

HOLGUIN MILITARY CAMP 2053N 07614W

MAIN CAMP -- 63 LARGE (13 NOT OF A KNOWN SOVIET TYPE), 23 MEDIUM (4 NOT OF A KNOWN SOVIET TYPE), AND 13 SMALL TENTS, 38 TANKS/SP GUNS, ONE BTR-50P, 2 UNIDENTIFIED TRACKED VEHICLES, 8 PROBABLE BRDM APC, AT LEAST 114 CARGO TRUCKS, 3 VAN TRUCKS, 8 UTILITY TRUCKS, 15 UNIDENTIFIED VEHICLES, 6 AAA PIECES, AND 3 PROBABLE FA PIECES. THE 9-GUN AAA SITE IS UNOCCUPIED AND 3 POSITIONS OF THE 6-GUN AAA SITE ARE OCCUPIED. ENCAMPMENT .6 NM SE -- NO APPARENT CHANGE IN PERMANENT FACILITIES. NINETEEN LARGE (11 NOT OF A KNOWN SOVIET

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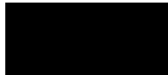
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TYPE) AND 3 MEDIUM TENTS (ONE NOT OF A KNOWN SOVIET TYPE), ONE CARGO TRUCK, AND 6 PROBABLE AAA PIECES OBSERVED. (INCOMPLETE PHOTOGRAPHIC COVERAGE). ENCAMPMENT 2.3 NM SE -- NO EQUIPMENT OR ACTIVITY OBSERVED. (INCOMPLETE PHOTOGRAPHIC COVERAGE).

25X1D



25X1A



CAMAGUEY MILITARY CAMP 1 2121N 07751W

NO APPARENT CHANGE IN PERMANENT FACILITIES. THIRTY-TWO LARGE (10 NOT OF A KNOWN SOVIET TYPE), 20 MEDIUM (ONE NOT OF A KNOWN SOVIET TYPE), AND 23 SMALL TENTS, 20 CARGO TRUCKS, 31 VAN TRUCKS, 5 UTILITY TRUCKS, 2 VAN TRAILERS, 2 CARGO TRAILERS, AND 2 VEHICLE REVETMENTS WITH CANVAS-COVERED EQUIPMENT OR VEHICLES OBSERVED.

25X1D



25X1A



OFELIA, MILITARY CAMP 2006N 07530W

TWELVE TANKS/SP GUNS, 54 CARGO TRUCKS, 15 FA PIECES, AND 4 AAA PIECES OBSERVED IN CLOUD-FREE AREAS.

25X1D



25X1A



REMEDIOS MILITARY CAMP 2226N 07934W

25X1D

NO APPARENT CHANGE SINCE



25X1D



ALTO CEDRO, MILITARY CAMP 2029N 07600W

- AREA 1 -- 29 CARGO TRUCKS.
- AREA 2 -- 4 CARGO TRUCKS AND 9 FA PIECES.
- AREA 3 -- 31 CARGO TRUCKS AND 4 FA PIECES.
- AREA 4 -- 18 CARGO TRUCKS.
- AREA 5 -- IDENTIFICATION ONLY.
- AREA 6 -- 16 CARGO TRUCKS AND 12 FA PIECES.
- AREA 7 -- 19 CARGO TRUCKS AND 4 FA PIECES.
- AREA 8 -- 90 CARGO TRUCKS AND 7 PROBABLE FA PIECES.
- AREA 9 -- 19 TANKS/SP GUNS AND 13 CARGO TRUCKS.
- AREA 10 -- 9 CARGO TRUCKS.

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25X1D



CAMAGUEY MILITARY CAMP 2126N 07753W

NO APPARENT CHANGE IN FACILITIES.
FORTY-TWO CARGO TRUCKS, 6 UTILITY TRUCKS, AND 44 FA
PIECES OBSERVED.

25X1A



25X1D



EL CRISTO, MILITARY INSTALLATION 2007N 07546W

SIX LARGE TENTS (NONE OF A KNOWN SOVIET TYPE),
38 CARGO TRUCKS AND 7 FA PIECES OBSERVED.

25X1D



HOLGUIN MILITARY CAMP NW 2057N 07616W

FACILITIES INCLUDE 7 LARGE BARRACKS/STORAGE BUILDINGS,
3 OTHER BUILDINGS, 2 BUILDINGS UNDER CONSTRUCTION, AND
2 LARGE TENTS (NONE OF A KNOWN SOVIET TYPE),
TWENTY-ONE TANKS/SP GUNS, 13 CARGO TRUCKS, AND 6
FA/AAA PIECES OBSERVED.

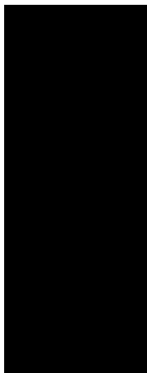
25X1D



TRINIDAD AREA, POSS MIL HEADQUARTERS 2150N 07953W

NO APPARENT CHANGE IN FACILITIES.
NINETEEN CARGO TRUCKS AND AT LEAST 10 FA PIECES
OBSERVED.

25X1A



25X1D



MINAS, MILITARY CAMP 2127N 07734W

APPROXIMATELY 12 VEHICLES OBSERVED.
OBLIQUITY LIMITS INTERPRETATION.

25X1D



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25X1A

SANTA CLARA AREA, ARTILLERY TRAINING AREA 2224N 08000W

AREA 1 -- 3 CARGO TRUCKS, AND 7 FA PIECES.
AREA 2 -- 6 CARGO TRUCKS. THE 6-GUN AAA SITE IS OCCUPIED.
AREA 3 -- 4 CARGO TRUCKS, AND ONE UNIDENTIFIED VEHICLE. THE 3-GUN AAA SITE APPEARS UNOCCUPIED.
AREA 4 -- 14 CARGO TRUCKS.
AREA 5 -- 14 TANKS/SP GUNS, AND 11 CARGO TRUCKS. THE TWO 3-GUN AAA SITES APPEAR OCCUPIED.

25X1D

25X1A

LA VEGUITA MILITARY CAMP 2049N 07615W

NO APPARENT CHANGE IN FACILITIES.
SIX CARGO TRUCKS AND 12 FA PIECES OBSERVED.

25X1D

TUMBADERO TANK TRAINING AREA 2104N 07558W

NO MILITARY EQUIPMENT OR ACTIVITY OBSERVED.

25X1D

CHARCO DEL JOBO MILITARY AREA 2047N 07615W

NO EQUIPMENT OR ACTIVITY OBSERVED.

25X1D

NICARO LANDING BEACH 2042N 07533W

NO NEW MILITARY ACTIVITY OBSERVED.
INCOMPLETE PHOTOGRAPHIC COVERAGE.

25X1D

-MISCELLANEOUS ACTIVITY-

25X1A

SANTA CLARA MILITARY INSTALLATION CUBANACAN 2224N 07953W

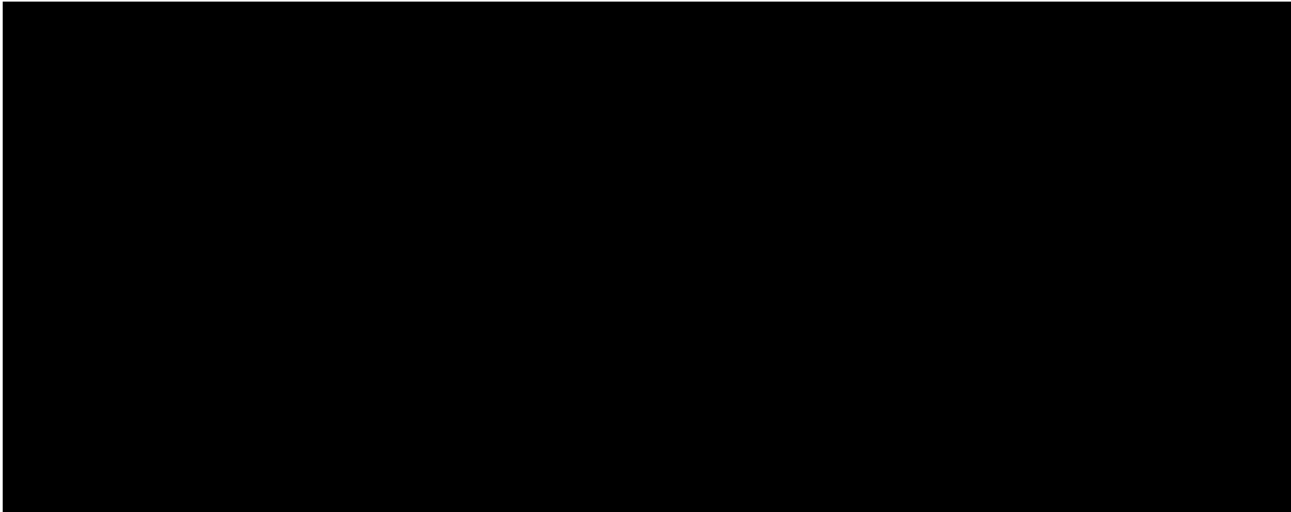
CLUB CUBANACAN -- AT LEAST 40 VEHICLES OBSERVED.

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STORAGE AREA NORTH -- IDENTIFICATION ONLY.



25X1D

-STATUS OF OTHER TARGETS-

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

25X1A

25X1D

PRESTON AIRFIELD	2044N	07539W
HOLGUIN MILITARY CAMP SOUTHWEST	2051N	07617W
PERSEVERANCIA MILITARY CAMP	2006N	07533W
SANTA ISABEL FINCA MILITARY CAMP	2005N	07528W
SIBONEY LANDING BEACH	1957N	07542W
PLAYA YATERITAS LANDING BEACH	1958N	07457W
MAR VERDE LANDING BEACH	1957N	07557W

25X1D

THE FOLLOWING TARGETS COULD BE IDENTIFIED BUT NOT INTERPRETED --

CIENFUEGOS SAM SITE	2202N	08024W
SANTIAGO DE CUBA SAM SITE	1959N	07550W
DELEITE SAM SITE	2259N	08045W
MALDONADO SAM SITE	2012N	07528W
CAMAGUEY AIRFIELD SAM SITE	2122N	07750W
NICARO SAM SITE	2042N	07535W
MATANZAS PORT	2303N	08134W
ANTON RECIO, MILITARY INSTALLATION	2211N	08036W
TI ARRIBA MILITARY CAMP	2006N	07535W
TACAJO, MILITARY CAMP	2051N	07558W

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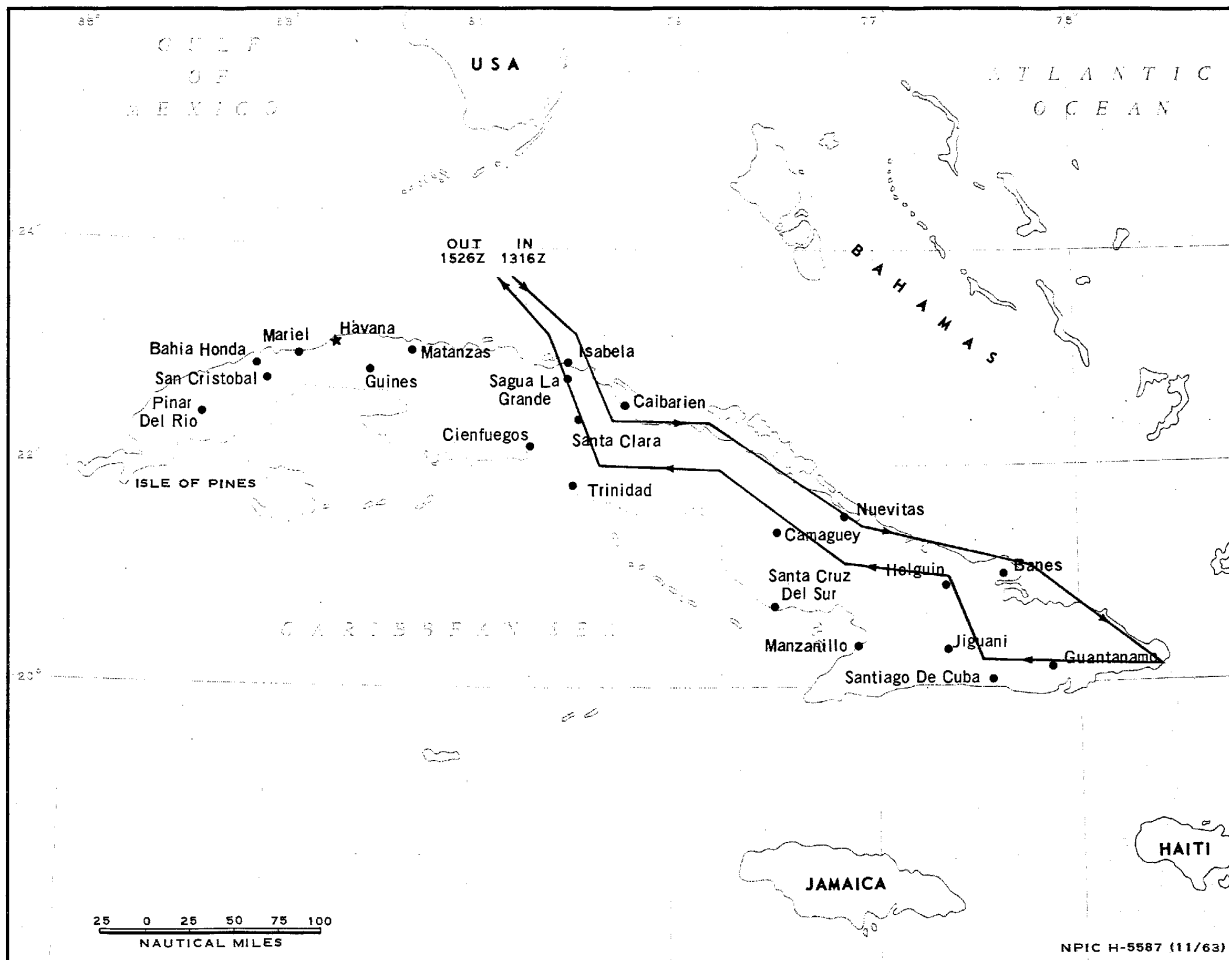
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JAGUA, MILITARY AREA	2205N 08029W
SANTIAGO DE CUBA, MILITARY TRAINING AREA	2002N 07550W
CAMAGUEY MILITARY INSTALLATION SW	2117N 07801W
CIENFUEGOS LANDING BEACH	2202N 08036W
ENSENADA COLORADO LANDING BEACH	2202N 08025W
CAYO FRANCES ENGINEERING SITE	2238N 07914W
MAYARI ARRIBA, MILITARY INSTALLATION	2027N 07531W
LA ROSITA STORAGE DEPOT BARAJAGUA	2208N 08004W

25X1D

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APPROXIMATE TRACK OF BRASS KNOB MISSION 3770, 8 NOVEMBER 1963.

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