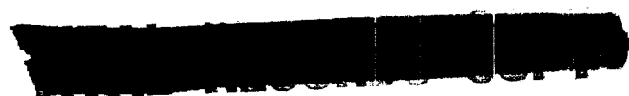


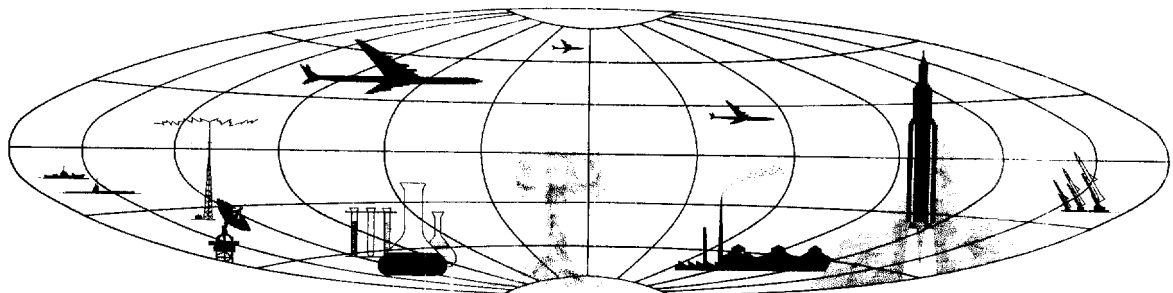
NPIC/R-1117/63  
February 1963

PHOTOGRAPHIC INTERPRETATION REPORT

IPIR  
BRASS KNOB MISSION 3448  
24 FEBRUARY 1963



NATIONAL PHOTOGRAPHIC INTERPRETATION CENTER





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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 3448, DATED 24 FEBRUARY 1963. THE NUMBER APPEARING AT THE END OF THE HEADER LINE IS THE COMOR TARGET NUMBER.

-ITEMS OF INTEREST-

SHIP SIGHTING 2145N 07630W

25X1D ONE FREIGHTER (SPLIT SUPERSTRUCTURE, 2 BOOMS FORWARD, ONE BOOM AFT) OBSERVED NORTH OF PUERTO PADRE HEADING EAST.



SHIP SIGHTING 2315N 08142W

25X1D ONE FREIGHTER STEAMING NE OBSERVED 14 NM NW OF MATANZAS.



-MISSILES-

25X1D SAGUA LA GRANDE MRBM SITE 1 2243N 08001W  
ARCHED-ROOF BUILDING REMAINS. NO ACTIVITY OBSERVED.

25X1A



25X1D SAGUA LA GRANDE MRBM SITE 2 2239N 07951W  
NO EVIDENCE OF ACTIVITY OR EQUIPMENT.

25X1A



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25X1A

TAPASTE AREA, STORAGE SITES 2303N 08207W

25X1D NO APPARENT CHANGE.

BELLAMAR, SUSPECT SSM ACTIVITY 2302N 08133W

25X1D NO MISSILE-RELATED ACTIVITY OBSERVED IN CLOUD-FREE AREAS.

MATANZAS CITY, LA CUMBRE ALTA 2304N 08133W

25X1D NO MISSILE ACTIVITY OBSERVED.

25X1D

MATANZAS SAM SITE 2301N 08129W

25X1D SITE INCLUDES 5 CANVAS-COVERED LAUNCH POSITIONS AND 4 MISSILE TRANSPORTERS IN HOLD POSITION. CLOUD COVER PRECLUDES FURTHER INTERPRETATION.

CIENFUEGOS SAM SITE 2202N 08024W

25X1D SITE CONTAINS 6 LAUNCHERS, 5 WITH MISSILES AND ONE CANVAS-COVERED, AND 3 TRANSPORTERS, 2 OF WHICH ARE CANVAS COVERED. GUIDANCE EQUIPMENT IS CANVAS COVERED EXCEPT FOR RADAR. AT LEAST 15 VEHICLES IN SUPPORT AREA.

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25X1A

SAGUA LA GRANDE SAM SITE 2251N 08005W

25X1D SIX LAUNCH REVETMENTS AND GUIDANCE AREA APPEAR OCCUPIED. POOR IMAGE QUALITY PRECLUDES FURTHER INTERPRETATION.

SANCTI SPIRITUS SAM SITE 2147N 07929W

25X1D SITE CONTAINS 6 UNRETTED LAUNCHERS. SIX CANVAS-COVERED MISSILE TRANSPORTERS, ONE UNCOVERED MISSILE TRANSPORTER WITH MISSILE. UNRETTED GUIDANCE AREA IS OCCUPIED. POOR IMAGE QUALITY PRECLUDES FURTHER INTERPRETATION.

CHAPARRA SAM SITE 2107N 07626W

25X1D SITE ABANDONED. NO ACTIVITY OBSERVED.

MANATI SAM SITE 2113N 07702W

25X1D SITE INCLUDES 6 UNRETTED LAUNCHERS, 7 CANVAS-COVERED MISSILE TRANSPORTERS, AND AN OCCUPIED AND RETTTED GUIDANCE AREA. POOR IMAGE QUALITY PRECLUDES FURTHER INTERPRETATION.

SENADO SAM SITE 2136N 07733W

25X1D SITE ABANDONED. NO ACTIVITY OBSERVED.

25X1A

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25X1A

SANTIAGO DE CUBA SAM SITE 1959N 07550W

25X1D

SITE CONTAINS 6 LAUNCHERS (AT LEAST 5 WITH MISSILES) AND 6 CANVAS-COVERED MISSILE TRANSPORTERS. GUIDANCE AREA CONTAINS 5 VANS.

25X1A

SANTIAGO DE CUBA SAM ASSEMBLY AREA 2003N 07553W

25X1D

SITE CONTAINS 25 MISSILE TRANSPORTERS, 4 LARGE OPEN-BED TRUCKS, APPROXIMATELY 40 UNIDENTIFIED TRUCKS, AND NUMEROUS MISSILE CANISTERS. SCATTERED CLOUDS PRECLUDE FURTHER INTERPRETATION.

25X1A

SANTIAGO DE LAS VEGAS SAM ASSEMBLY AREA 2257N 08221W

25X1D

TWENTY MISSILE TRANSPORTERS WITH PRIME MOVERS, ONE TRANSPORTER WITHOUT PRIME MOVER, AND 6 POSSIBLE LOWBOY TRAILERS OBSERVED IN CLOUD-FREE AREAS.

CIEGO DE AVILA SAM SITE 2142N 07850W

25X1D

SITE CONTAINS 6 UNREVIEWED LAUNCHERS WITH CANVAS-COVERED MISSILES, 7 CANVAS-COVERED MISSILE TRANSPORTERS, AND AN UNREVIEWED AND OCCUPIED GUIDANCE AREA.

25X1A

LOMA DE TIERRA, MILITARY CAMP 2301N 08213W

25X1D

EIGHT LOWBOY TRAILERS (6 OF WHICH ARE CANVAS COVERED) OBSERVED IN CLOUD-FREE AREA.

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25X1A

MANAGUA SAM SITE 2259N 08215W

25X1D

SITE CONTAINS 6 REVETTED LAUNCH POSITIONS, 2 OF WHICH ARE SURFACED, AND A SURFACED FOUNDATION FOR GUIDANCE EQUIPMENT. NO LAUNCHERS OR MISSILES IN AREA.

[REDACTED]

25X1A

CERCA DE PIEDRA, SUSPECT SAM SUPPORT AREA 2004N 07551W

25X1D

SEE SANTIAGO DE CUBA SAM ASSEMBLY AREA.

[REDACTED]

SANTA CRUZ DEL NORTE CRUISE-MISSILE SITE 2309N 08156W

25X1D

SEVENTEEN VEHICLES AND/OR PIECES OF EQUIPMENT OBSERVED. HAZE AND POOR IMAGE QUALITY PRECLUDE DETAILED INTERPRETATION.

[REDACTED]

LA SIERRA CRUISE-MISSILE SITE 2156N 08019W

25X1D

SITE IS ABANDONED. NO MISSILE EQUIPMENT OR MILITARY ACTIVITY OBSERVED.

[REDACTED]

25X1A

CAMPO FLORIDA CRUISE-MISSILE SITE 2306N 08211W

25X1D

SITE CONTAINS 2 LAUNCH POSITIONS, ONE OF WHICH IS OCCUPIED AND ONE APPEARS UNOCCUPIED, AND 10 CRUISE-MISSILE SHIPPING CRATES. CLOUD SHADOW PRECLUDES COUNT OF VEHICLES AND EQUIPMENT.

[REDACTED]

-AIRFIELDS-

ANTONIO MACED AIRFIELD 1958N 07550W

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25X1D AIRCRAFT -- 2 CRATE, ONE HOUND, ONE POSSIBLE HARE,  
AND ONE LIAISON-TYPE.  
NO APPARENT CHANGE IN FACILITIES.

[REDACTED]

25X1A

CORONEL PASCUAL AIRFIELD 2307N 08117W

25X1D AIRCRAFT -- 5 PROBABLE FAGOT/FRESCO.

[REDACTED]

SAN ANTONIO DE LOS BANOS AIRFIELD 2252N 08231W

25X1D AIRCRAFT -- 6 FAGOT/FRESCO, 2 FARMER, 2 COLT, 3 CRATE,  
ONE T-6 AND ONE B-26. HEAVY CLOUDS, HAZE PRECLUDE  
TOTAL COUNT.

[REDACTED]

25X1A

JOSE MARTI INTERNATIONAL AIRFIELD 2300N 08224W

25X1D AIRCRAFT -- 3 CONSTELLATION, 2 C-54, 3 C-47,  
AND ONE LIAISON-TYPE OBSERVED.

[REDACTED]

CAMPO LIBERTAD AIRFIELD 2306N 08226W

25X1D AIRCRAFT -- 4 UNIDENTIFIED SINGLE-ENGINE AIRCRAFT  
OBSERVED.

[REDACTED]

PLAYA BARACOA AIRFIELD 2302N 08235W

25X1D AIRCRAFT -- 38 HOUND, 2 HARE, AND ONE C-47.  
NUMEROUS VEHICLES, TENTS, AND AIRCRAFT CRATES  
OBSERVED. INCOMPLETE COVERAGE.

[REDACTED]

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25X1A

JAIME GONZALES AIRFIELD 2209N 08025W

AIRCRAFT -- NONE OBSERVED.

25X1D

TRINIDAD AIRFIELD 2147N 07959W

AIRCRAFT -- NONE.

25X1D

-PORTS-

CIENFUEGOS PORT 2209N 08027W

VESSELS -- 3 LARGE FREIGHTERS OBSERVED IN CLOUD-FREE AREAS.

25X1D

THE [REDACTED] PREVIOUSLY REPORTED, WAS NOT OBSERVED DUE TO CLOUD COVER. THE PRESENCE OF THE [REDACTED] COULD NOT BE CONFIRMED.

25X1D

25X1D

25X1A

SANTIAGO DE CUBA PORT 2001N 07550W

VESSELS -- 2 ORE CARRIERS AND ONE SPLIT SUPERSTRUCTURE FREIGHTER (WITH HATCHES OPEN) IN PORT. SCATTERED CLOUDS PRECLUDE FURTHER INTERPRETATION.

25X1D

25X1A

NUEVITAS PORT 2132N 07716W

VESSELS -- 4 OCEAN-GOING FREIGHTERS (INCLUDING THE [REDACTED], ALL WITH CLOSED HATCHES, IN PORT. STILL AT NORTH SIDE OF PASTELILLO PIER 4 (ALL HATCHES SECURED, BOOMS ARE NOT STOWED, BUT ARE APPARENTLY INACTIVE). NO MILITARY EQUIPMENT OBSERVED.

25X1D

25X1D

SECRET

LA ISABELA PORT 2256N 08001W

25X1D ONE FREIGHTER IN PORT. NO MILITARY EQUIPMENT OBSERVED.

[REDACTED]

CASILDA PORT 2145N 07959W

25X1D NO LARGE VESSELS OR MILITARY ACTIVITY OBSERVED.

[REDACTED]

MATANZAS PORT 2303N 08134W

25X1D VESSELS -- 2 FREIGHTERS (ONE KRASNOGRAD-CLASS AND ONE MEDIUM SIZE) OBSERVED IN CLOUD FREE AREAS. THE KRASNOGRAD-CLASS FREIGHTER, WITH HATCHES SECURED AND BOOMS STOWED, OBSERVED ON NORTH SIDE OF NEW WHARF.

[REDACTED]

SURGIDERO DE BATABANO PORT 2241N 08218W

25X1D NO LARGE VESSELS OBSERVED.

[REDACTED]

HAVANA PORT 2308N 08221W

25X1D VESSELS -- 28 FREIGHTERS INCLUDING ONE LARGE FREIGHTER HEADED FOR PORT, ONE MEDIUM FREIGHTER HEADED OUT TO SEA, 19 LARGE FREIGHTERS, 7 MEDIUM FREIGHTERS, 5 PT, 3 PC (ONE IN DRYDOCK), ONE COASTAL TANKER AND 2 COASTAL FREIGHTERS. NUMEROUS PATROL CRAFT AND SMALL VESSELS. THE [REDACTED] PREVIOUSLY REPORTED DOCKED AT BURRUS WHARF, WAS NOT OBSERVED BECAUSE OF HEAVY CLOUDS. THE PRESENCE OF THE [REDACTED] CANNOT BE CONFIRMED.

[REDACTED]

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25X1A

PUERTO PADRE PORT 2113N 07632W

25X1D

ONE SMALL MERCHANT SHIP TIED UP TO PIER NEAR LARGE STORAGE TANKS.

TUNAS DE ZAZA, PORT FACILITIES 2138N 07933W

25X1D

VESSELS -- THE [REDACTED] (4 HATCHES OPEN, BOOMS ACTIVE) REMAINS ANCHORED APPROXIMATELY 1.5 NM SW OF PORT.

25X1D

THREE LIGHTERS AND ONE POSSIBLE LIGHTER ARE ALONGSIDE THE [REDACTED] 3 LIGHTERS ARE UNDER TOW APPROACHING PIER, AND 9 LIGHTERS ARE TIED IN RIVER BEHIND PORT.

25X1D

TWELVE RAILROAD BOXCARS ON PIER AND 19 BOXCARS AND ENGINE ON RAIL SIDING IN PORT AREA. NO LARGE EQUIPMENT OBSERVED.

JUCARO PORT 2137N 07851W

25X1D

14 NM SSW OF CIEGO DE AVILA. VESSELS -- ONE SPLIT-SUPERSTRUCTURE FREIGHTER ANCHORED 2.8 NM SSW OF PORT, 5 LIGHTERS AND ONE POWER BOAT OR TUG AT MAIN PIER, AND 3 SMALL POWER BOATS OR TUGS AT OTHER SMALL PIERS. THE [REDACTED] WAS NOT OBSERVED. NO EQUIPMENT OR RAIL CARS OBSERVED.

25X1D

-ELECTRONICS-

25X1A

HAVANA AREA, COMMUNICATIONS CENTER 2300N 08226W

25X1D

NINE VEHICLES OBSERVED. NO APPARENT CHANGE IN FACILITIES.

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-MILITARY ACTIVITY-

25X1A

HAVANA, AMMUNITION STORAGE AREA 2301N 08226W

25X1D

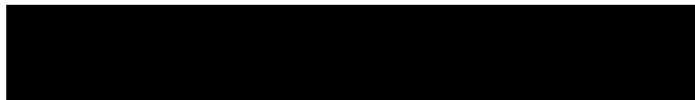
NO APPARENT CHANGE.



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

25X1D

IDENTIFICATION ONLY.  
HEAVY CLOUDS AND HAZE PRECLUDE INTERPRETATION.



TORRENS, MILITARY COMPLEX 2259N 08228W

25X1D

NO APPARENT CHANGE IN VEHICLE OR EQUIPMENT COUNT.  
SCATTERED CLOUDS AND HAZE PRECLUDE FURTHER  
INTERPRETATION.



MADRUGA POL STORAGE 2256N 08149W

25X1D

NO APPARENT CHANGE IN CLOUD-FREE AREAS.



MANAGUA, MILITARY CAMP 2258N 08217W

25X1D NUMEROUS VEHICLES OBSERVED IN CLOUD-FREE AREAS.



NAZARENO, MILITARY AREA 2258N 08214W

25X1D

SIXTEEN PROBABLE TANKS/SP GUNS AND 5 VEHICLES  
OBSERVED.



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25X1A

GUANABO AREA, MILITARY CAMP 2311N 08203W

25X1D

SIX VEHICLES OBSERVED. NO APPARENT CHANGE IN FACILITIES.

[REDACTED]

GUANABACOA, MILITARY AREA 2307N 08215W

25X1D

TWENTY-ONE TOWED FA PIECES OBSERVED IN CLOUD-FREE AREAS.

[REDACTED]

SPECIAL AREA ALPHA 2258N 08227W

25X1D

NO NEW MILITARY ACTIVITY OBSERVED.

[REDACTED]

SPECIAL AREA BRAVO RED 2254N 08231W

25X1D

NO NEW MILITARY ACTIVITY OBSERVED.

[REDACTED]

LAS VILLAS AREA OF SPECIAL INTEREST 2146N 07959W

25X1D

AT LEAST 12 CANVAS-COVERED TANKS/SP GUNS AND AT LEAST 10 VEHICLES PARKED IN A ROW OF TREES 1.5 NM SW OF IZNAGA AT 21-49N 079-53W.  
POOR IMAGE QUALITY PRECLUDES FURTHER INTERPRETATION.

[REDACTED]

TARARA LANDING BEACH 2310N 08212W

25X1D

NO APPARENT CHANGE.

[REDACTED]

25X1A

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25X1A

MATANZAS LANDING BEACH 2301N 08126W

25X1D NO NEW MILITARY ACTIVITY OBSERVED.

[REDACTED]

VARADERO LANDING BEACH 2308N 08118W

25X1D NO NEW MILITARY ACTIVITY OBSERVED.

[REDACTED]

CIENFUEGOS LANDING BEACH 2202N 08036W

25X1D NO NEW MILITARY ACTIVITY OBSERVED.

[REDACTED]

ENSENADA COLORADO LANDING BEACH 2202N 08025W

25X1D NO NEW MILITARY ACTIVITY OBSERVED.

[REDACTED]

-MISCELLANEOUS ACTIVITY-

BEJUCAL, MUNITIONS STORAGE SITES 2256N 08223W

25X1D NO VEHICLES OBSERVED IN CLOUD-FREE AREAS AROUND THE DRIVE-THROUGH STRUCTURES. NUMEROUS VEHICLES IN THE VEHICLE PARK JUST EAST OF BEJUCAL. HAZE PRECLUDES FURTHER INTERPRETATION.

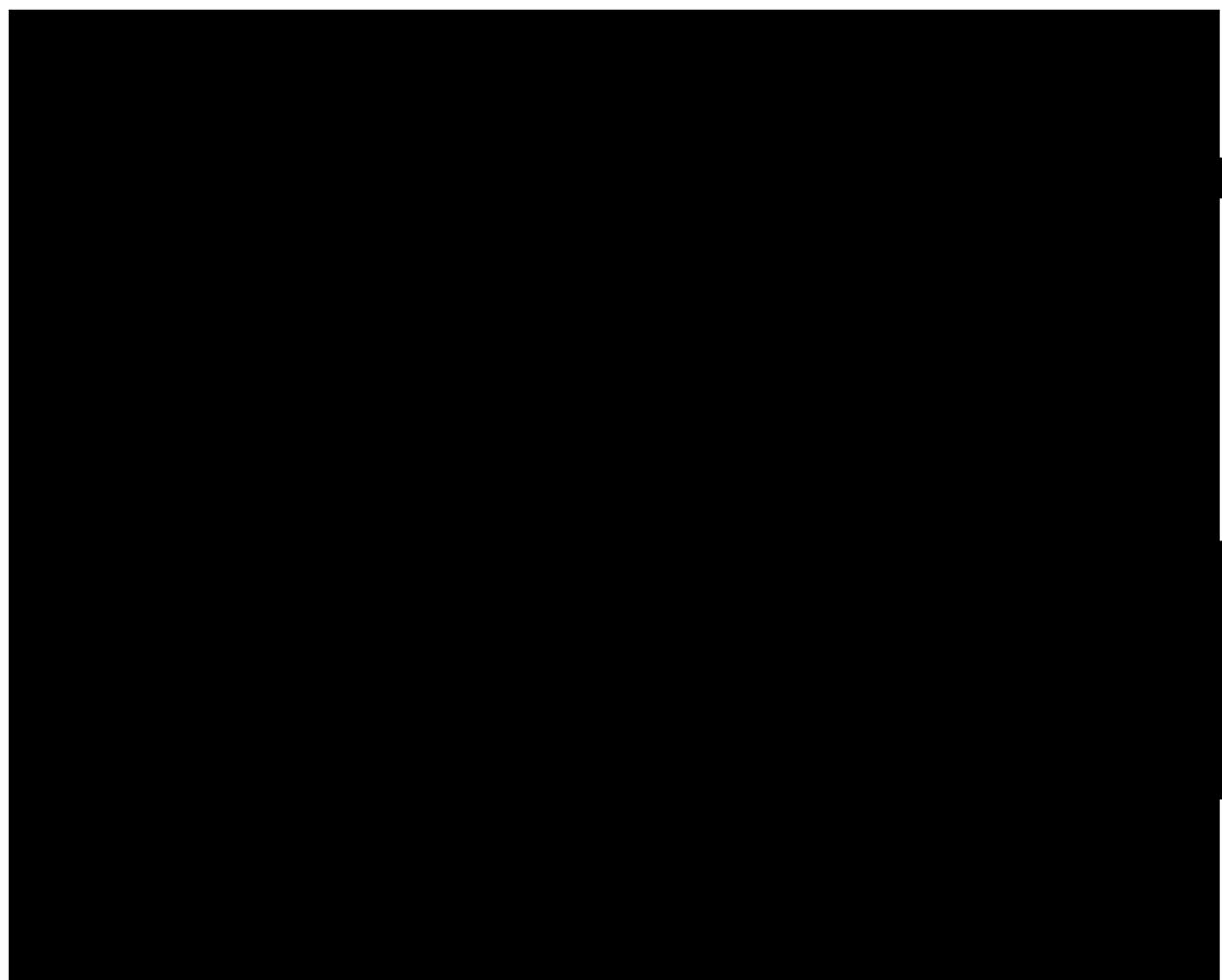
[REDACTED]

25X1D

[REDACTED]

SECRET

25X1D



25X1A

25X1A

-STATUS OF OTHER TARGETS-

MISSION 3448 DID NOT COVER TARGETS EAST OF 75 DEGREES 30 MINUTES OR WEST OF 83 DEGREES 30 MINUTES WEST LONGITUDE.

THE FOLLOWING TARGETS COULD BE IDENTIFIED BUT NOT INTERPRETED --

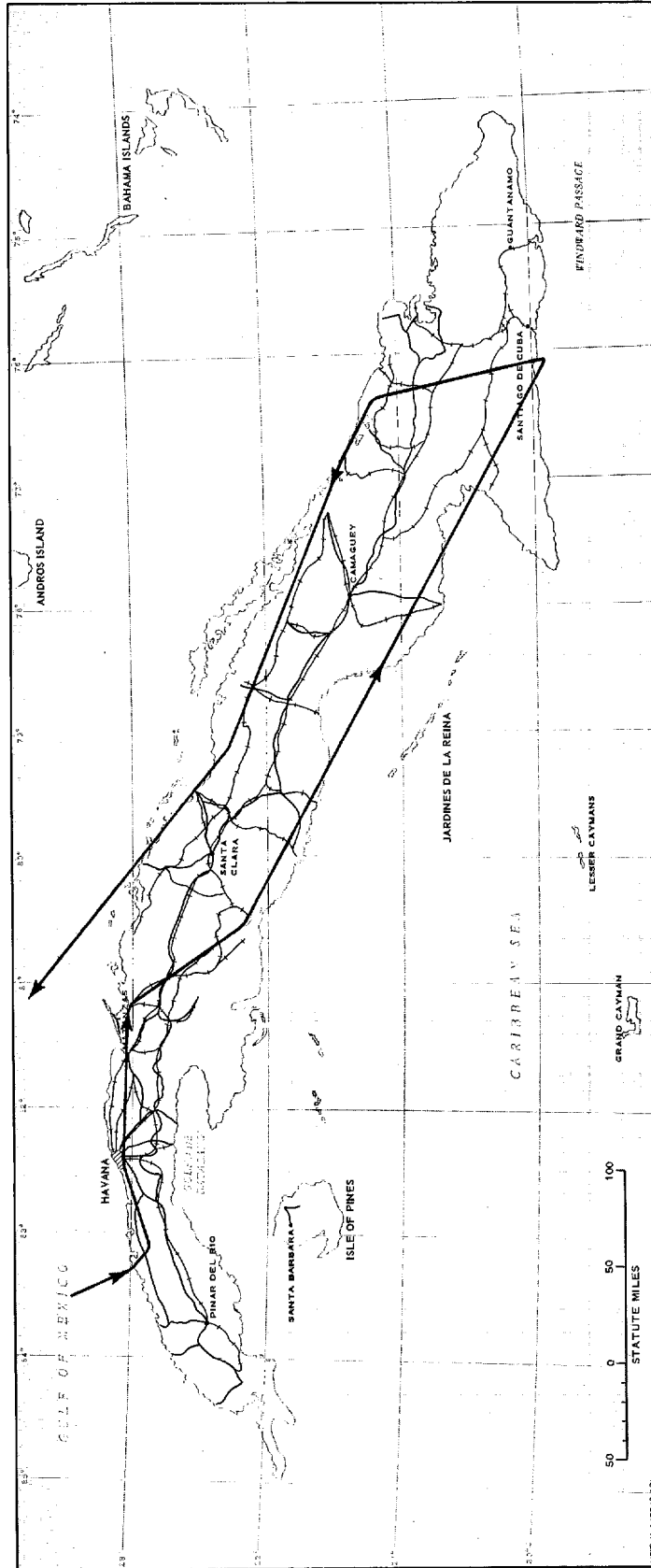
25X1A

VICTORIA DE LAS TUNAS SAM ASSEMBLY AREA	2104N 07700W
MALDONADO SAM SITE	2012N 07528W
LOS CAÑOS AIRFIELD	2004N 07509W
MANAGUA AIRFIELD	2258N 08217W
SAN FRANCISCO DE PAULA, MUNITIONS STORAGE SITE	2303N 08218W
MANAGUA, MUNITIONS STORAGE SITE	2258N 08218W
LA ROSITA AREA, STORAGE INSTALLATION	2208N 08004W



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APPROXIMATE TRACK OF BRASS KNOB MISSION 3448, 24 FEBRUARY 1963

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