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NPIC/R-1085/63

February 1963

PHOTOGRAPHIC INTERPRETATION REPORT

IPIR
BRASS KNOB MISSION 3416
11 FEBRUARY 1963



ARMY



NAVY

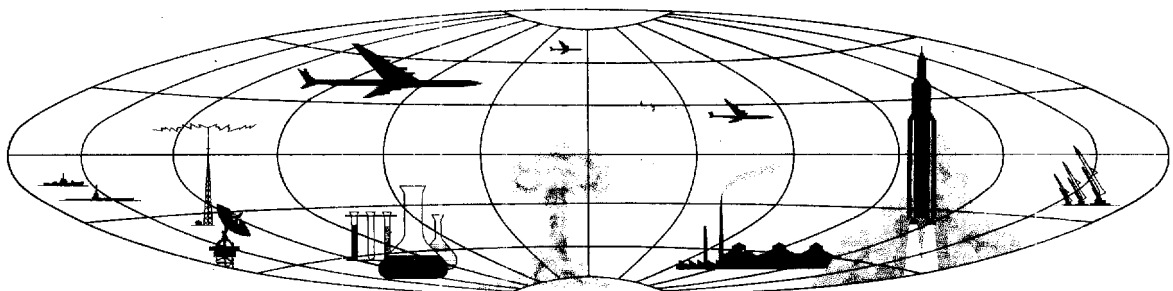


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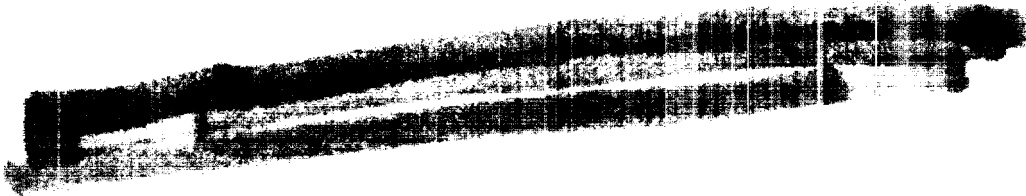
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GROUP 1
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IMMEDIATE PHOTOGRAPHIC INTERPRETATION REPORT

THE FOLLOWING INFORMATION REPRESENTS A PRELIMINARY ANALYSIS OF AERIAL PHOTOGRAPHY FROM BRASS KNOB MISSION 3416, DATED 11 FEBRUARY 1963. THE NUMBER APPEARING AT THE END OF THE HEADER LINE IS THE COMOR TARGET NUMBER.

-MISSILES-

SAGUA LA GRANDE MRBM SITE 1 2243N 08001W

25X1D NO EVIDENCE OF ACTIVITY OBSERVED.



SAGUA LA GRANDE MRBM SITE 2 2239N 07951W

25X1D NO EVIDENCE OF ACTIVITY OBSERVED.



SANTA BARBARA, SUSPECT MISSILE ACTIVITY 2012N 07634W

25X1D NO UNUSUAL, MILITARY, OR MISSILE ACTIVITY OBSERVED IN PORTIONS COVERED BY PHOTOGRAPHY.



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

25X1D NO APPARENT CHANGE.



SAGUA LA GRANDE SAM SITE 2251N 08005W

SITE CONTAINS 6 LAUNCHERS IN REVETMENTS AND A CANVAS-COVERED GUIDANCE AREA. NO TRANSPORTERS

25X1A

25X1A

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25X1D VISIBLE. OBLIQUITY PRECLUDES FURTHER INTERPRETATION.

[REDACTED]

25X1A

CHAPARRA SAM SITE 2107N 07626W

25X1D SITE ABANDONED. NO ACTIVITY OBSERVED.

[REDACTED]

LOS ANGELES SAM SITE 2100N 07541W

TWO LAUNCHERS VISIBLE. FOUR CANVAS-COVERED
TRANSPORTERS OBSERVED IN HOLD AREA. UNRETTED
GUIDANCE AREA IS OCCUPIED.
SCATTERED CLOUDS AND CLOUD SHADOW PRECLUDE FURTHER
INTERPRETATION.

25X1D

[REDACTED]

JIGUANI AREA, SAM SITE 2021N 07620W

SITE CONTAINS 6 CANVAS-COVERED UNRETTED LAUNCHERS,
CANVAS-COVERED CENTRAL GUIDANCE FACILITIES, 7 CANVAS-
COVERED MISSILE TRANSPORTERS IN HOLD POSITIONS, AND
7 BUILDINGS.

25X1D

[REDACTED]

25X1A

MANZANILLO SAM SITE 2018N 07706W

SITE CONTAINS 6 LAUNCHERS IN REVETMENTS, SIX
CANVAS-COVERED MISSILE TRANSPORTERS, ONE UNCOVERED
MISSILE ON A TRANSPORTER, AND REVETTED AND UNCOVERED
GUIDANCE AREA.

25X1D

[REDACTED]

25X1A

MANATI SAM SITE 2113N 07702W

25X1D SITE CONTAINS 6 LAUNCHERS IN POSITION AND 6 MISSILE
TRANSPORTERS, 2 IN EACH OF 3 HOLD POSITIONS.

[REDACTED]

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25X1A

SENADO SAM SITE 2136N 07733W

25X1D

SITE ABANDONED. NO ACTIVITY OBSERVED.

[REDACTED]

[REDACTED]

DELEITE SAM SITE 2259N 08045W

25X1D

SITE CONTAINS 6 LAUNCHERS IN REVETTED POSITIONS, 3 CANVAS-COVERED MISSILE TRANSPORTERS IN HOLD POSITION, AND 3 CANVAS-COVERED TRANSPORTERS STANDING OUTSIDE OF HOLD POSITION. GUIDANCE AREA IS REVETTED AND CANVAS COVERED. OBLIQUITY PRECLUDES FURTHER INTERPRETATION.

[REDACTED]

25X1A

DELEITE ALTERNATE SAM SITE 2301N 08044W

25X1D

SITE ABANDONED. NO ACTIVITY OBSERVED.

[REDACTED]

[REDACTED]

VICTORIA DE LAS TUNAS SAM ASSEMBLY AREA 2104N 07700W

25X1D

NO APPARENT CHANGE.

[REDACTED]

MALDONADO SAM SITE 2012N 07528W

25X1D

MISSILES DO NOT APPEAR TO BE ON THE 6 LAUNCHERS. SIX MISSILE TRANSPORTERS AND ONE MISSILE ON GROUND ALONGSIDE AN EMPTY TRANSPORTER IN HOLD POSITIONS. THIRTEEN PRIME MOVERS ARE LOCATED ADJACENT TO THE HOLD POSITION. NO OTHER APPARENT CHANGE.

[REDACTED]

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25X1A

HOLGUIN SAM SITE 2052N 07627W

SITE CONTAINS 6 MISSILE LAUNCHERS AND 7 MISSILE TRANSPORTERS IN HOLD POSITION. SMALL SCALE AND OBLIQUITY PRECLUDE DETERMINATION OF PRESENCE OF MISSILES ON LAUNCHERS.

25X1D

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

SEE SANTIAGO DE CUBA SAM ASSEMBLY AREA.

BANES CRUISE-MISSILE SITE 2058N 07538W

SITE INCLUDES 2 CANVAS-COVERED LAUNCHERS IN REVETMENTS, 2 CANVAS-COVERED MISSILE TRANSPORTERS, AND 6 POSSIBLE CRUISE-MISSILE CRATES. NUMEROUS TENTS AND VEHICLES OBSERVED IN SUPPORT AREA. THREE BARRACK-TYPE BUILDINGS COMPLETE AND ONE UNDER CONSTRUCTION. ALTERNATE SITE UNOCCUPIED.

25X1D

JAUCO, SUSPECT CRUISE-MISSILE SITE 2006N 07421W

NO MISSILE-RELATED ACTIVITY OBSERVED IN AREA. HOWEVER, CLOUD COVER PRECLUDES A COMPLETE SEARCH. THERE IS ACTIVITY AT PUNTA CALETA (20-04N 074-18W) BUT IT APPEARS RELATED TO AGRICULTURE. LARGE MUSLIN-LIKE PANELS, SIMILAR TO THOSE NOTED COVERING TOBACCO FIELDS ARE OBSERVED IN A WOODED AREA. THEY ARE POSSIBLY FOR SHRUB/BUSH CROP SHADING.

25X1D

MAISI, SUSPECT CRUISE-MISSILE SITE 2013N 07409W

NO MISSILE-RELATED ACTIVITY OBSERVED IN CLOUD-FREE AREA WITHIN 10 NM RADIUS OF MAISI.

25X1D

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-AIRFIELDS-

25X1A

CAMILO CIENFUEGOS AIRFIELD 2229N 07955W

25X1D

AIRCRAFT -- 19 FISHBED AND 4 FAGOT/FRESCO VISIBLE.
LARGE TRUCK CONCENTRATION OBSERVED SOUTH OF EAST END
OF RUNWAY. CLOUDS PRECLUDE FURTHER INTERPRETATION.

[REDACTED]

25X1A

HOLGUIN AIRFIELD 2048N 07618W

25X1D

AIRCRAFT -- NONE OBSERVED.
NUMEROUS VEHICLES AND/OR PIECES OF EQUIPMENT ON
AIRFIELD.

[REDACTED]

LOS CANOS AIRFIELD 2004N 07509W

25X1D

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

[REDACTED]

PRESTON AIRFIELD 2044N 07540W

25X1D

AIRCRAFT -- NONE OBSERVED.
RUNWAY PROBABLY SERVICEABLE FOR LIGHT AIRCRAFT ONLY.

[REDACTED]

25X1A

ANTONIO MACEDO AIRFIELD 1958N 07550W

25X1D

AIRCRAFT -- 4 LIAISON VISIBLE. OBLIQUITY PRECLUDES
FURTHER INTERPRETATION.

[REDACTED]

CORONEL PASCUAL AIRFIELD 2307N 08117W

NO AIRCRAFT OBSERVED.

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25X1D

[REDACTED]

25X1A

BAYAMO EAST AIRFIELD 2023N 07638W

AIRCRAFT -- 4 LIAISON TYPE.
NO CHANGE IN FACILITIES.

25X1D

[REDACTED]

-PORTS-

BANES PORT 2055N 07542W

25X1D

VESSELS -- ONE KRONSTADT-CLASS PC.
ELEVEN CRATES (10 OF WHICH WERE PREVIOUSLY REPORTED
ON DOCK NE OF PIER.

25X1D

[REDACTED]

25X1D

CIENFUEGOS PORT 2209N 08027W

25X1D

VESSELS -- 2 LARGE FREIGHTERS OBSERVED.

[REDACTED]

MANZANILLO PORT 2021N 07707W

25X1D

NO LARGE VESSELS OR MILITARY ACTIVITY OBSERVED.
ONE 2-ENGINE TRANSPORT AIRCRAFT AT MANZANILLO
AIRFIELD.

[REDACTED]

MOA BAY PORT 2039N 07454W

25X1D

VESSELS -- ONE FREIGHTER AND BARGE ALONGSIDE WHARVES,
ONE FREIGHTER IN HARBOR.
NO UNUSUAL OR MILITARY ACTIVITY OBSERVED.

[REDACTED]

25X1A

25X1A

SANTIAGO DE CUBA PORT 2001N 07550W

VESSELS -- ONE TANKER, 4 FREIGHTERS, ONE COASTAL FREIGHTER, AND NUMEROUS SMALLER CRAFT. INCOMPLETE COVERAGE.

25X1D

[REDACTED]

NUEVITAS PORT 2132N 07716W

25X1D

VESSELS -- 3 LARGE FREIGHTERS (INCLUDING THE [REDACTED] WHICH IS APPARENTLY TAKING ON CARGO FROM RAILROAD CARS) TIED UP AT PUNTA LA GUIRA. ONE LARGE FREIGHTER ANCHORED IN HARBOR. NO MILITARY EQUIPMENT NOTED.

25X1D

[REDACTED]

25X1A

LA ISABELA PORT 2256N 08001W

VESSELS -- 2 LARGE FREIGHTERS. NO UNUSUAL ACTIVITY OBSERVED.

25X1D

[REDACTED]

CARDENAS PORT 2302N 08112W

NO LARGE VESSELS OBSERVED. OBLIQUITY AND POOR IMAGE QUALITY PRECLUDE FURTHER INTERPRETATION.

25X1D

[REDACTED]

PUERTO PADRE PORT 2113N 07632W

NO LARGE VESSELS IN PORT. ONE PROBABLE COASTAL TANKER AT CAYO JUAN CLARO PIER.

25X1D

[REDACTED]

NICARO PORT 2843N 07533W

VESSELS -- ONE TANKER AT PIER. NO UNUSUAL OR MILITARY ACTIVITY NOTED.

25X1D



-MILITARY ACTIVITY-

25X1A

GUANTANAMO AREA 1 2005N 07523W

NO NEW MILITARY ACTIVITY OBSERVED.

25X1D



MANZANILLO AREA, MILITARY CAMP 2017N 07706W

NINETEEN PROBABLE TANKS AND 10 UNIDENTIFIED VEHICLES.
NO APPARENT CHANGE IN FACILITIES.
POOR IMAGE QUALITY PRECLUDES FURTHER
INTERPRETATION.

25X1D



25X1A

HOLGUIN AREA, MILITARY CAMP 2053N 07614W

TANK AND VEHICLE COUNT REMAIN UNCHANGED.
JUST ACROSS THE HIGHWAY 0.7 NM NNE OF MILITARY CAMP
IS A POSSIBLE RADAR SITE (20-54-37N 076-13-35W) WHICH
CONTAINS 2 BUILDINGS, 2 LARGE, ONE MEDIUM, AND 2
SMALL TENTS, 6 UNIDENTIFIED VEHICLES AND POSSIBLE
CANVAS-COVERED RADAR EQUIPMENT IN CLEARED AREAS
NORTH AND WEST OF SITE.

25X1D



25X1A

EL JUCARO, MILITARY AREA 2051N 07543W

SIX STORAGE-TYPE BUILDINGS AND SEVERAL SMALLER
BUILDINGS OBSERVED.
SCATTERED CLOUDS PRECLUDE DETAILED
INTERPRETATION.

25X1D



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25X1A

SAN GERMAN AREA, MILITARY CAMP 2029N 07559W

25X1D

SEE ALTO CEDRO ARTILLERY TRAINING AREA.



ALTO CEDRO, ARTILLERY TRAINING AREA 2029N 07600W

25X1D

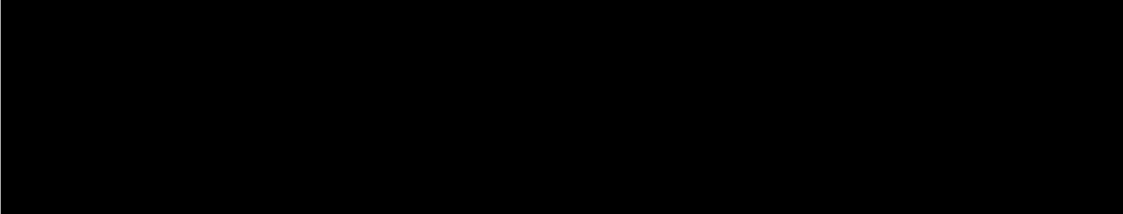
NO APPARENT CHANGE. SMALL SCALE PRECLUDES VEHICLE COUNT.



SANTA CLARA AREA, MILITARY ACTIVITY 2221N 07957W

25X1D

NO APPARENT CHANGE. NO ACTIVITY OBSERVED.



25X1D

CASCAJAL, MILITARY AREA 2240N 08031W

25X1D

AREA SEARCHED ON GOOD QUALITY, CLOUD-FREE PHOTOGRAPHY. NO MILITARY CAMP OR UNUSUAL ACTIVITY OBSERVED.



25X1A

LAGUNA SIGUA, MILITARY AREA 1954N 07531W

25X1D

NO UNUSUAL MILITARY ACTIVITY OBSERVED.



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25X1A

LAS VILLAS AREA OF SPECIAL INTEREST 2146N 07959W

EIGHTY PERCENT CLOUD COVERED. NO NEW MILITARY
ACTIVITY OBSERVED IN CLOUD-FREE AREAS.

25X1D

[REDACTED]

25X1A

SIBONEY AREA, LANDING BEACH 1957N 07542W

NO APPARENT CHANGE.

25X1D

[REDACTED]

PLAYA YATERITAS, LANDING BEACH 1959N 07458W

NO NEW MILITARY ACTIVITY OBSERVED.

25X1D

[REDACTED]

VARADERO, LANDING BEACH 2308N 08118W

NO NEW MILITARY ACTIVITY OBSERVED.

25X1D

[REDACTED]

NICARO, LANDING BEACH 2042N 07533W

NO SIGNIFICANT MILITARY ACTIVITY OBSERVED.

25X1D

[REDACTED]

HOLGUIN AREA, MILITARY INSTALLATION 2057N 07616W

MILITARY CAMP CONTAINS 13 TANKS, 7 PERSONNEL CARRIERS,
6 TRUCKS TOWING 5 FA PIECES.
NO APPARENT CHANGE IN FACILITIES EXCEPT AN AMMO
STORAGE AREA CONTAINING 3 REVETTED STORAGE BUILDINGS
IS LOCATED ONE NM NNW AT 20-57-52N 076-16-52W.

25X1D

[REDACTED]

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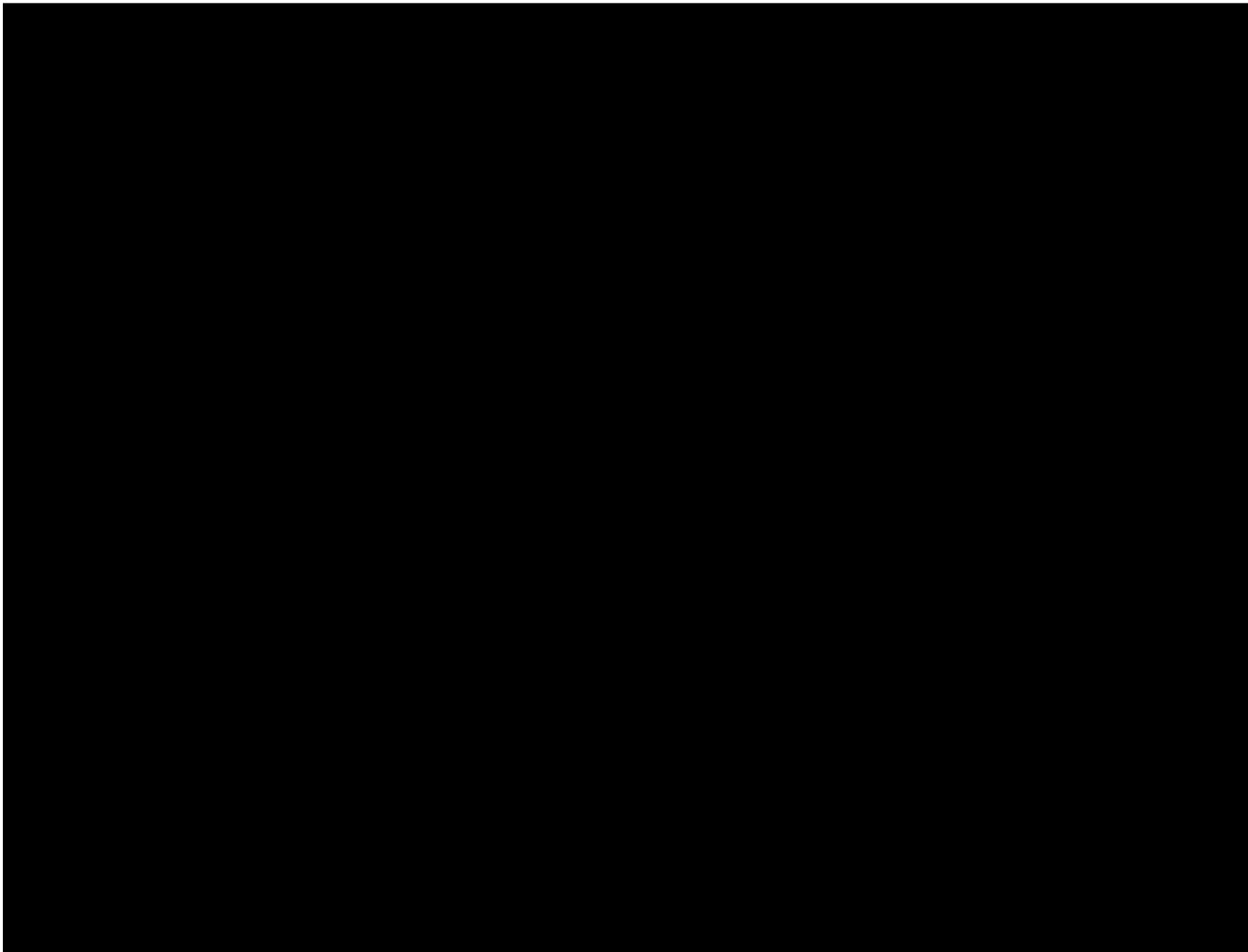
SANTA CLARA MILITARY CAMP 2222N 08000W

3 NM SW OF SANTA CLARA AT 22-22-30N 080-00-45W
(CENTER).

25X1D

MILITARY CAMP CONSISTING OF 4 AREAS AND 2 AAA
SITES (ONE APPEARS OCCUPIED) WITHIN 0.75 NM OF
COORDINATES. NUMEROUS BUILDINGS (BARRACKS OR
STORAGE-TYPE), PERSONNEL TRENCHES, AND APPROXIMATELY
75 VEHICLES.

25X1D



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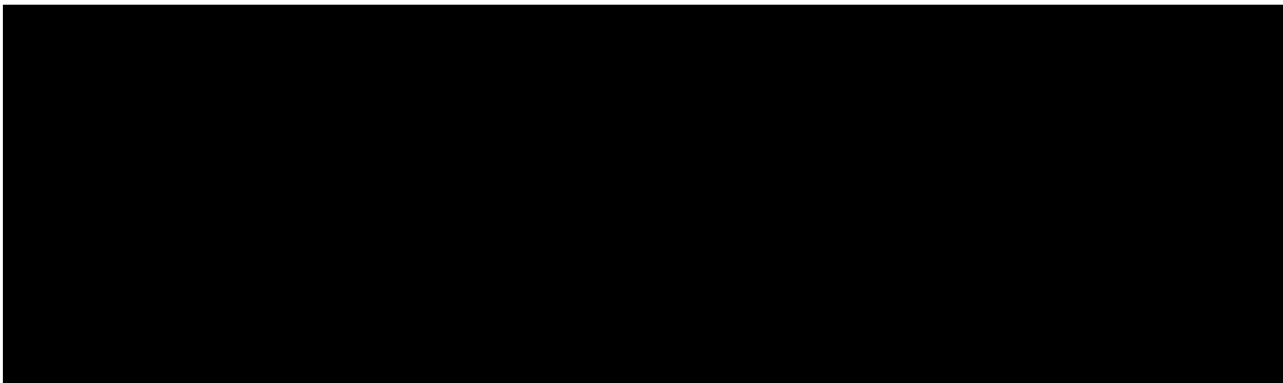
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25X1D



-STATUS OF OTHER TARGETS-

MISSION 3416 DID NOT COVER TARGETS WEST OF
81 DEGREES 15 MINUTES WEST LONGITUDE.

THE FOLLOWING TARGETS COULD BE IDENTIFIED
BUT NOT INTERPRETED --

25X1A

REMEDIOS IRBM SITE	2225N 07935W
BARTOLOME, SUSPECT SSM ACTIVITY	2226N 07934W
SALAMANCA, SUSPECT SSM ACTIVITY	2227N 07940W
CIENFUEGOS SAM SITE	2202N 08024W
CAIBARIEN SAM SITE	2228N 07929W
ESMERALDA SAM SITE	2155N 07813W
SANTIAGO DE CUBA SAM SITE	1959N 07750W
SANTIAGO DE CUBA SAM ASSEMBLY AREA	2003N 07553W
CIEGO DE AVILA SAM SITE	2142N 07850W
CIEGO DE AVILA SAM ASSEMBLY AREA	2151N 07844W
CAMAGUEY AIRFIELD SAM SITE	2122N 07750W
LA SIERRA CRUISE-MISSILE SITE	2156N 08019W
CAMAGUEY INTERNATIONAL AIRFIELD	2125N 07751W
JAIME GONZALES AIRFIELD	2209N 08025W
TRINIDAD AIRFIELD	2147N 07959W
CAIBARIEN PORT	2232N 07928W
CAMAGUEY AREA, MILITARY CAMP NO 1	2121N 07750W
REMEDIOS AREA, MILITARY CAMP	2227N 07934W
CAMAGUEY AREA, SMALL MILITARY CAMP	2126N 07753W
VICTORIA DE LAS TUNAS AREA, MILITARY CAMP	2054N 07655W
EL CRISTO, MILITARY INSTALLATION	2006N 07545W
PURIO, MILITARY AREA	2233N 07952W
LOMAS DE CRISTO, MILITARY AREA	2006N 07546W
CIENFUEGOS, LANDING BEACH	2202N 08036W
MAR VERDE, LANDING BEACH	1957N 07557W

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25X1D

25X1A

25X1D

ENSENADA COLORADO, LANDING BEACH
LA ROSITA AREA, STORAGE INSTALLATION

2202N 08025W

2208N 08004W

25X1D

SANTA CLARA AREA, MILITARY INSTALLATION

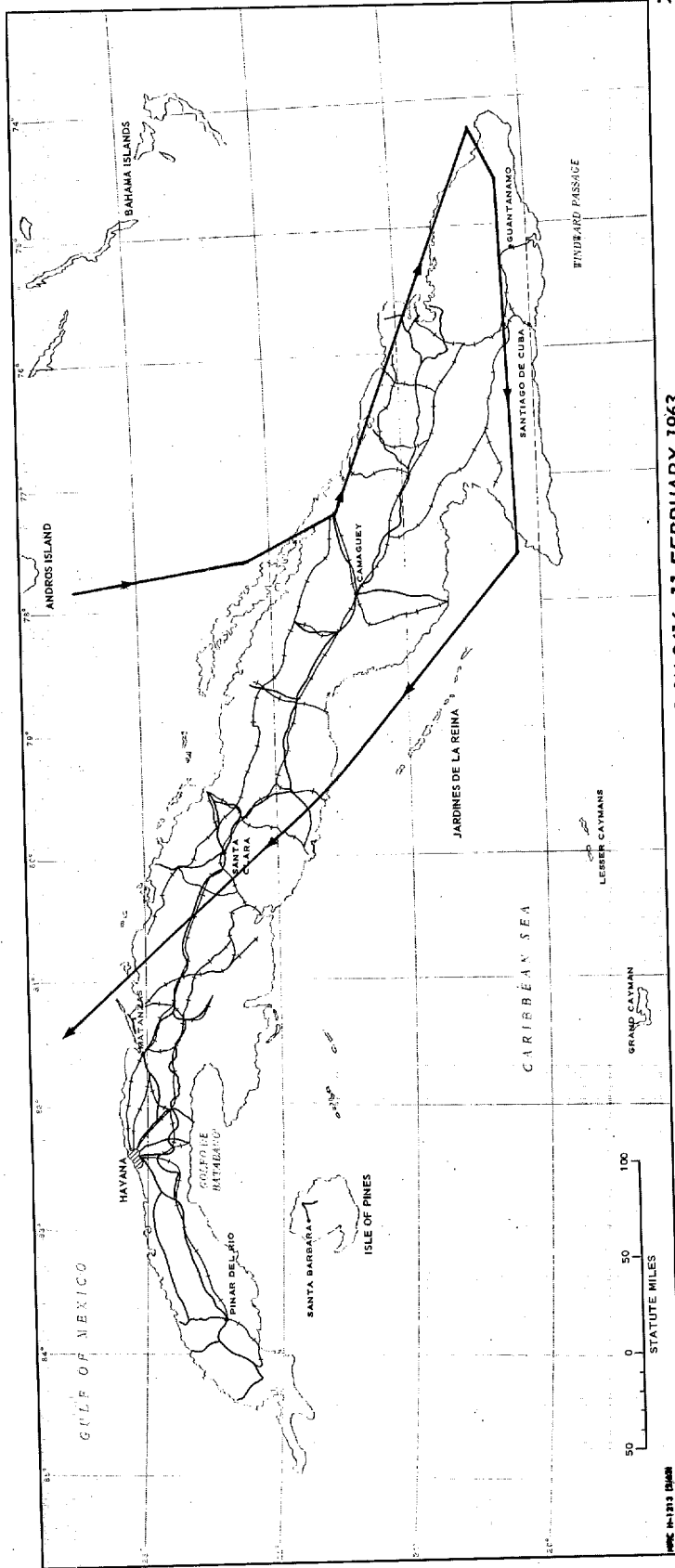
2224N 07953W

25X1D

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APPROXIMATE TRACK OF BRASS KNOB MISSION 3416, 17 FEBRUARY 1963

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