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25X1A

Declassification review by NIMA/DOD

M/EB 451/63
21 October 1963
Copy

MEMORANDUM FOR: Chief, Military-Economics Division, ORR

ATTENTION: [REDACTED] 25X1A

THROUGH: Chief, Requirements Branch, Reconnaissance Group, CGS

FROM: Chief, CIA/PID (NPIC)

SUBJECT: Theodolite Stations at Specified MREM Sites in Cuba

REFERENCE: (a) Requirement C-RR-3-80,678
(b) CIA/PID Project C 1446-63
(c) Informal Report M/EB 84/63

1. This memorandum is in response to your requirement dated 10 October 1963 which requests a re-evaluation of theodolite stations at certain specified launch sites near San Cristobal, Cuba.

2. Study of applicable [REDACTED] photography revealed the following. All azimuths are accurate to within a plus or minus of 5 degrees.

(a) At Pad 4 of San Cristobal Launch Site 1, the pad azimuth is [REDACTED] degrees and the azimuth from the theodolite to the launch stand is [REDACTED] degrees.

(b) The azimuth of Pad 1 of San Cristobal Launch Site 2 is [REDACTED] degrees, however it was not possible to identify an associated theodolite station.

(c) The azimuth of Pad 3 at San Cristobal Launch Site 2 is [REDACTED] degrees and the azimuth from the theodolite to the launch stand is 045 degrees. This theodolite station never progressed farther than an early stage of construction.

(d) The azimuth of Pad 3 at San Cristobal Launch Site 3 is [REDACTED] and the azimuth from the theodolite to the launch stand is [REDACTED]

3. All of the above angular measurements were double checked when found not to be in agreement with those transmitted to your office in Informal Report M/EB 84/63 dated 7 March 1963.

4. The photo analyst on this project is [REDACTED] who may be contacted on extension 2079 should you have any further questions concerning this project.

5. This project is considered to be complete.

[REDACTED]

GROUP 1
Excluded from automatic
downgrading and
declassification