

UNITED STATES GOVERNMENT

Memorandum

TO : The Files: Contract No. 4160, T.O. 3
25X1A9a

EP 66-193
DATE: 6 September 1966

FROM :

25X1A5a1

SUBJECT: Inspection Report No. 1 - AS-12 Field Tests

1. Project Description:

Approximately three months of on-the-air tests will be conducted to determine how well the AS-12 operates, what ionospheric phenomena permit or prevent it from working, what changes should be included in future units, and what are the best procedures for operating the AS-12.

2. Contractual Information:

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- a. Initial Cost: [REDACTED]
- b. Request for Procurement Action: 1 April 1966
- c. Initiation Date: 2 May 1966
- d. Completion Date: 28 February 1967
- e. Deliverable Items: Monthly progress letters, final report

3. Date of Meeting: 25 August 1966

4. Place of Meeting: [REDACTED]

25X1A

5. Persons Attending:

25X1A9a

Agency

Mr. [REDACTED]

Non-Agency

Mr. [REDACTED]
Mr. [REDACTED]
Mr. [REDACTED]

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6. Contractor's Performance:

- a. On schedule and expected to remain so: Yes
- b. Within obligated funds and expected to remain so: Yes
- c. Satisfactory technical progress: Yes

7. Project Status:



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EP 66-193

SUBJECT: Inspection Report No. 1 - AS-12 Field Tests [REDACTED]

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7. Project Status:

All special test equipment was designed and fabricated and was ready for shipment on 5 August. On that date an Agency truck arrived in Buffalo. A shipment of 36 boxes, weighing 4,500 pounds, was picked up and delivered to [REDACTED] on 8 August. This shipment included both the special test equipment and the AS-12 base equipment previously developed under a separate Task Order. [REDACTED] employees Messrs. [REDACTED] arrived at [REDACTED] on 8 August and began installing the base station. Messrs. [REDACTED] remained through 12 August. By 17 August all equipment was installed and checked and tests began with the field set located at the [REDACTED]. These initial tests were designed to check the suitability of the daily testing procedure, establish proper equipment threshold levels, and wring out the computer program for data reduction.

In order to provide correlary information during these tests, an oblique ionospheric sounder has been leased from [REDACTED] and will be operated in parallel with the AS-12. This sounder arrived at [REDACTED] on 22 August. There was evidence of damage during shipment. [REDACTED] began installing the sounder transmitter on 23 August. By 26 August all problems had been resolved. [REDACTED] left the area on 29 August.) Mr. [REDACTED] arrived on 22 August. He will operate the [REDACTED] sounder and the AS-12 transmitter for the duration of the test program.

[REDACTED]

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Distribution:

- R&D Subject File
- OL/PD/PCB/CAS
- R&D Lab
- OC-OS
- ESB
- Monthly (3)
- EP Chrono

25X1A9a OC-E/R&D-EP [REDACTED]

SEP 16 1966

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GROUP 1
EXCLUDED FROM AUTOMATIC
DOWNGRADING AND
DECLASSIFICATION