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# TRIP REPORT

ORD-2757-64

Date: 10 December 1964

## Subject

25X1

Inspection of [redacted]

## Time and Place

25X1

[redacted]

## Attendance

25X1

[redacted]

## Summary

To date, the fabrication of the field model is progressing at a very satisfactory pace. Concurrent experimentation with

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[redacted]

## Actions

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None required.

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[redacted]

GROUP 1
Excluded from automatic downgrading and declassification

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**TRIP REPORT (continued)**

ORD-2757-64

**Discussion**

The field model build-up is progressing rapidly. The doppler unit has been reproduced while incorporating improved design. In addition, much of the electronics is in the final stage of assembly with an impressive reduction of size through the use of integrated circuits. The additional [redacted] is expected within two weeks, and interim [redacted] have been ordered for use in the field model.

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Further experimentation with the breadboard model has shown that slight motion (angular or transverse) causes scintillations. To remedy this problem, experiments are being carried out to develop a servo loop which will allow the beam to track intensity peaks.

Final optics are still being investigated by [redacted] It has to date proven somewhat difficult to obtain information concerning the desired type. As of 4 December, indications were that it may require specially ground optics.

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[redacted]

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