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[REDACTED]

25 August 1959

MEMORANDUM FOR: Advanced Research Projects Agency

ATTENTION : Mr. [REDACTED]

SUBJECT : ARCON (Use of Doppler System)

1. This will confirm the several statements which John Parungosky and I have made to you and to Dr. [REDACTED] regarding the inclusion of the Doppler tracking system in ARCON.

2. You will recall at the Los Angeles meeting on August 4th that Dr. [REDACTED] expressed great concern that the [REDACTED] method of determining orbit be back-stopped so that, should the [REDACTED] system develop error, some useful results could be obtained through conventional techniques. Lockheed then proposed the Doppler system as an independent means of determining orbit and all agreed at that time that it should be included as an integral part of ARCON.

3. Mr. Bissell feels very strongly that this decision is wise, that the Doppler system is essential to ARCON and would not consent to its elimination.

[REDACTED]
Chief, Development Branch
EPD

Distribution:

[REDACTED]
[REDACTED]
[REDACTED]

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