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IDEA 0395

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9 AUG 1961

MEMORANDUM FOR: Chief, Materiel Staff, DPD

25X1A ATTENTION:

SUBJECT: Navigational Radio Equipment  
(IDEALIST Aircraft)

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1. The following information is forwarded as requested in a conversation between [redacted] on the above subject a few days ago:

a. TACAN equipment operates on [redacted] and requires a separate set from VOR equipment. VOR is VHF

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b. VORTAC is considered a unit of equipment but is actually a combination of VOR and TAC equipment. There are probably some common components, but essentially this is a two system set.

c. Both VHF and UHF equipment is used quite extensively in areas where we might be operating on ferry flights and perhaps have terminal facilities for stagings.

2. Believe we should explore the feasibility and make a comparative study of:

- a. Installing new L. F. ADF sets and
- b. Installing VOR sets or a VORTAC unit.

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3. It is considered possible that the size/weight/cost factors of the VORTAC installation as compared to a VOR set may be the determining factor. Also, engineering problems of installation may be appreciably different.

4. Request you obtain information relative to the above modifications in order that a decision may be reached on what combination of radio navigation equipment would be preferable for our needs.

SIGNED

25X1A

[Redacted Signature Box]

Chief, Special Projects Branch, DPD

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DPD/SPB [Redacted] :ph

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