

[REDACTED]
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IDEA 2967
Copy 11
23 February 1966

MEMORANDUM FOR THE RECORD

SUBJECT: AN/ARC-50

1. There seems to be some concern in OSA about the present status of the ARC-50 radio and the program in effect to improve its performance. During a conference, attended by the undersigned, [REDACTED] on 3 February 1966, [REDACTED] stated that until the present test program was started, some five months ago, no thorough flight test or qualification program was in being. Discussed during this conference were the facts that the shortage of spare modules and LRU's (Line Replaceable Units) was affecting the maintenance capability and that an aircraft air-conditioning deficiency caused the degradation of some modules through extended overheating.

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2. Since the start of the test program the air-conditioning problem seems to have been identified and apparently corrected. The failures now being experienced are more of a specific nature as opposed to the random failures experienced before. There are indications that plug mismatching may be the cause of some of the malfunctions. This area is now being investigated. Degraded modules are still in the inventory and causing problems. [REDACTED] indicated that he felt the test program was about mid-way.

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3. As D/TECH has been monitoring and guiding the program up until now it is recommended that this continue and that the OSA Staff fully understand that D/TECH has the program until complete and they, the Staff, should look to D/TECH for the reports of progress. Expeditious action should be taken to procure the required spares (modules and LRU's) to support the program. It is also recommended that the ARC-50 be updated to the latest "BX" configuration and that the flight line analyzer (AG-1409) being developed by ADP be evaluated, when ready, to determine its worth to the program.

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MD/OSA

GROUP 1
Excluded from automatic
downgrading and
declassification

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MD/OSA [Redacted] (23 Feb 66)

Distribution:

#1 - MD/OSA

#2 - C&FE/OSA [Redacted]

#3 - MD/OSA

#4 - RB/OSA

#5 - Chrono

[Redacted]

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