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226-63

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DECLASSIFIED
AUTHORITY: NND 023070
By: JKS WARA Date: 1/6

26 February 1963

MEMORANDUM FOR : The Record

SUBJECT : ORGANT Status Summary - 25 February 1963

1. Aircraft #124 made flight #31 on 25 February for one hour and thirteen minutes. This was a training flight to gain procedure suit and instrument flying experience. Three instrument approaches were made, of which two were under GCA (Ground Controlled Approach) conditions. A normal landing was made with proper drag-chute operation. No system malfunctions were encountered.

2. Aircraft #123 is in the shop undergoing investigation of the generator malfunction sustained on flight #45 reported 23 February.

3. Circumferential inlet screen installation continues on aircraft #121, #122, and #125. These screens are to prevent foreign object damage.

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4. Fifteen JT1D-20 engines have been delivered to date. Eleven are available for flight at One is temporarily at Burbank for fit check in the first AP-12 aircraft #1601. One is at Hartford for nacelle mount modification. Two are at Hartford for foreign object damage investigation and repair. "30S" afterburners (30,000 lb. thrust) are available for all engines and are assembled on all engines at except #206 which currently is installed in aircraft #122 and therefore inaccessible.

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5. A 50 hour sea level endurance test has been completed on development engine FX-112 incorporating the so-called Table III performance package (high Mach/Altitude performance improvement) scheduled for production incorporation into delivery engine #219 in March. Although the contractor reports this configuration satisfactory for use, additional development is required to correct overheating in the area of the burner cans and turbine transition duct. High Mach/Altitude endurance and performance evaluation of this package is incomplete.

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Development Division
OSA-DB/R

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System