



Borescope Inspection Report



**331-350C
SN: R-537C**

**Report Prepared By:
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Approved Technician
Dublin Aerospace**



Borescope Inspection Report
331-350C
S/N:R-537C
Date: 11/01/2021

Customer: AJ Walter Aviation	Date Received: 08/01/2021	Customer Repair Order No.: T33910
Part No.: 3800454-6	Serial No.: R-537C	Work Order No.: AP030500
TSN / CSN: 15,375.4 / 15616	TSO / CSO: Unknown	TSLSV / CSLSV: Unknown
Reason for Removal:	Unknown	
Confirmed:	Yes	

1 General Condition of APU upon Receipt:

Is there damage evident externally on the APU?	No
Is there visible damage or wear to the Load Compressor Section?	No
Is there visible damage or wear to the Engine Compressor Section?	No
Is there visible damage or wear to the Turbine Section?	No
Is there visible damage or wear to the Gearbox?	No
When the APU is rotated is there any dragging, snagging or noise?	No
Is there evidence of an oil leakage?	No
Is there any metallic debris in the main oil filter?	No
Is there any metallic debris evident on the Magnetic Chip Detectors?	No

2 General Comments on Incoming Inspection:

The APU was received by Dublin Aerospace in a blue wooden shipping container. Only parts with significant findings are detailed in this report.

3 Engine Compressor Section:

- 3.1 1st Stage Compressor Impeller: There is no damage visible on the impeller (Picture 1).

4 Turbine Section:

- 4.1 1st Stage Turbine Stator: There are no signs of damage on the stator vanes (Picture 2).
- 4.2 1st Stage Turbine Rotor: The turbine blades show no signs of damage (Picture 3).
- 4.3 3rd Stage Turbine Rotor: There is no evidence of damage to the turbine blades (Picture 4).
- 4.4 Combustion Chamber: There is no visible damage in the combustion chamber (Picture 5).

5 Load Compressor Section:

5.1 Load Compressor Impeller: The impeller shows no signs of damage (Picture 6).

6 Gearbox:

6.1 Gearbox: There is no evidence of damage to the gearbox exterior.

7 Digital Images:

Picture 1: 1st Stage Engine Compressor Impeller



Picture 2: 1st Stage Turbine Stator Vanes



Picture 3: 1st Stage Turbine Blades



Picture 4: Fuel Nozzle Shroud.



Picture 5: Combustion Chamber



Picture 6: Load Compressor Impeller

8 Conclusions:

There were no significant findings found during the post-test borescope inspection.

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