N178DA

1984 Citation SII

RH Engine Borescope

SN: 102056

December 2023

MSN: S550-0004

Prepared by the worldwide aviation specialists at RidgeAire, Inc.

Engine Evaluation/Condition Report

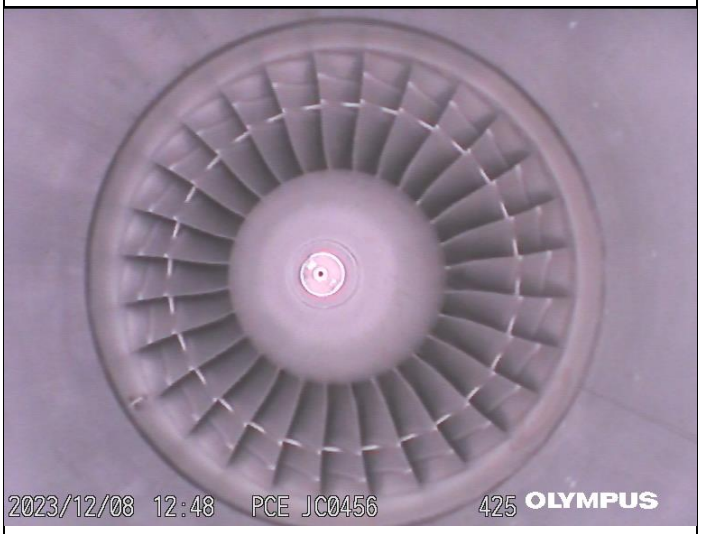
CUSTOMER:	**Northstar Aviation**	WORK ORDER NO:	**RPR63097**
ENGINE MFG:	**Pratt & Whitney**	ENGINE MODEL:	**JT15D-4B**
AIRCRAFT REG. NO:	**N178DA**	AIRCRAFT S/N:	**550-0004**
AIRCRAFT TT:	**8014.8**	AIRCRAFT TC:	**8191**
REASON FOR INSPECTION:		**Customer requested Engine Borescope**	
CUSTOMER NAME/PHONE NUMBER:		**Dante Marinelli 928-764-1999**	
ENGINE SERIAL #:	**PCE-102056**	ENGINE POSITION:	**RIGHT**
TSN:	**7930.8**	CSN:	**7918**
TSO	**UNK**	CSO	**UNK**
ISSUED BY:	**Gary J Jost**		
DATE:	**11-December-2023**		

Engine Evaluation Report			DATE:	
DallasAirmotive A StandardAero Company	Engine Model:	JT15D-4B	Serial Number:	PCE-102056
	Engine Time:	7930.8	Engine Cycle:	7918

- A/C Registration

- Engine Data Plate

- LC Rotor (Inlet Fan)



- T1 Inlet Sensor

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DallasAirmotive A StandardAero Company	Engine Model:	JT15D-4B	Serial Number:	PCE-102056
	Engine Time:	7930.8	Engine Cycle:	7918

- Inlet Case – no anomalies noted

- Low Compressor (Fan) – no anomalies noted

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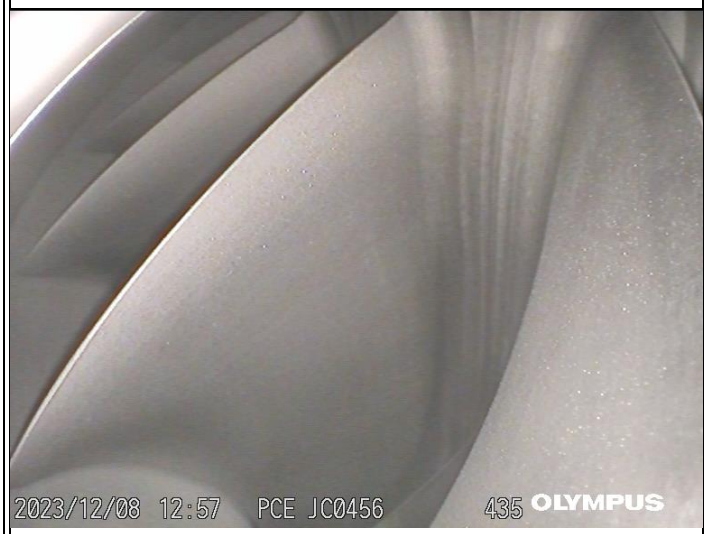
- Intermediate Case – several areas with paint missing

- Impeller – main blade & mid-span - no anomalies noted



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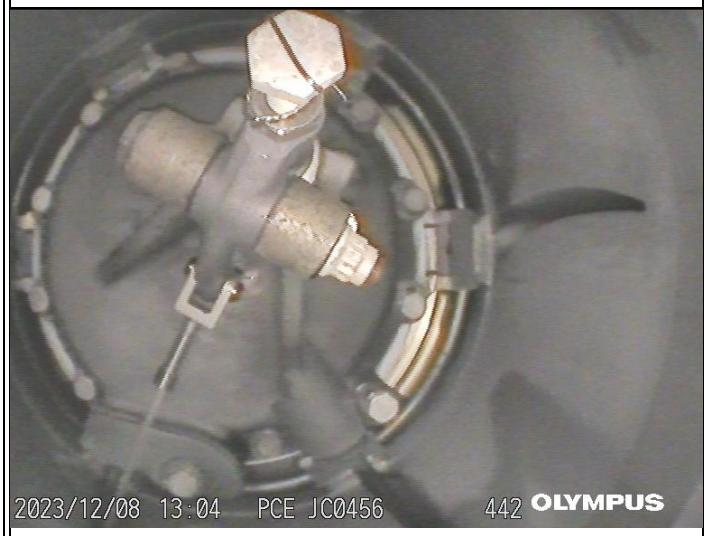
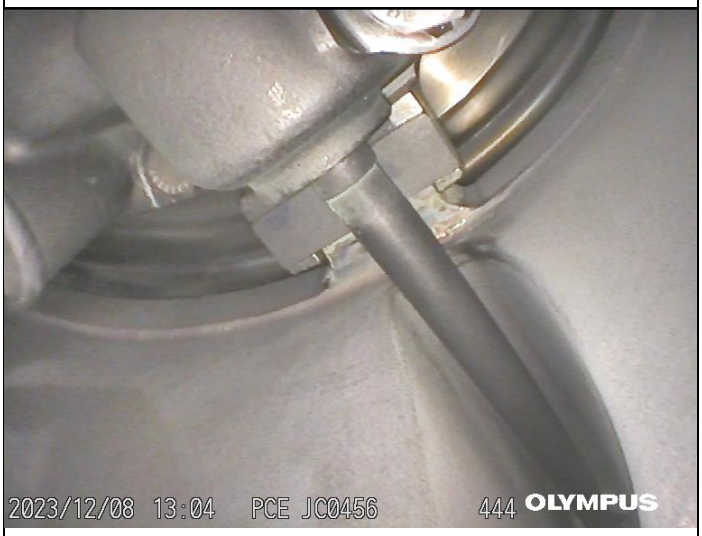
- Impeller – no signs of rub noted

LT Rotor 3rd Stage Blades – no anomalies noted

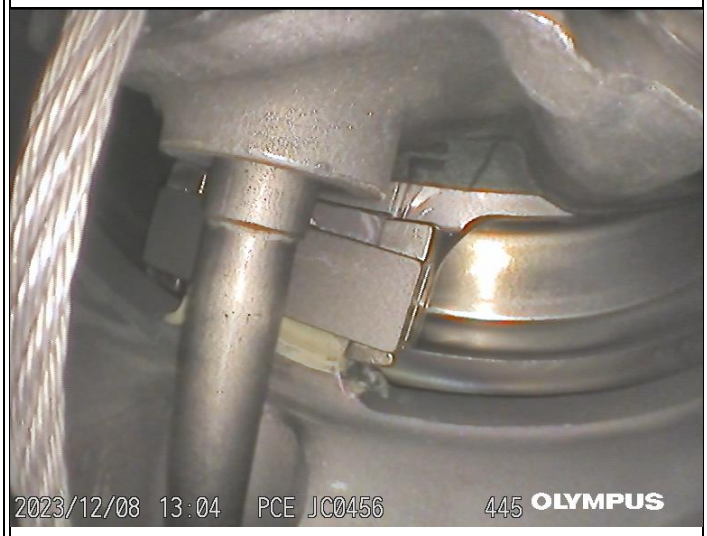
- LT Rotor 3rd Stage Blades – no anomalies noted

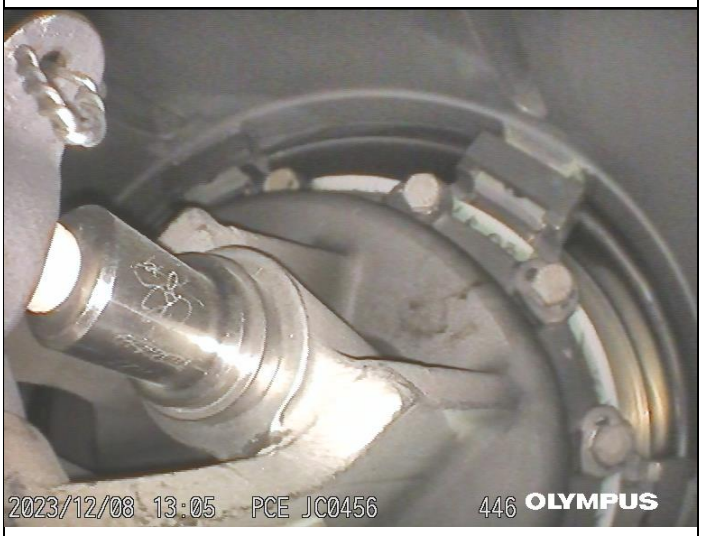
- #4 Bearing Housing Assy. – no anomalies noted



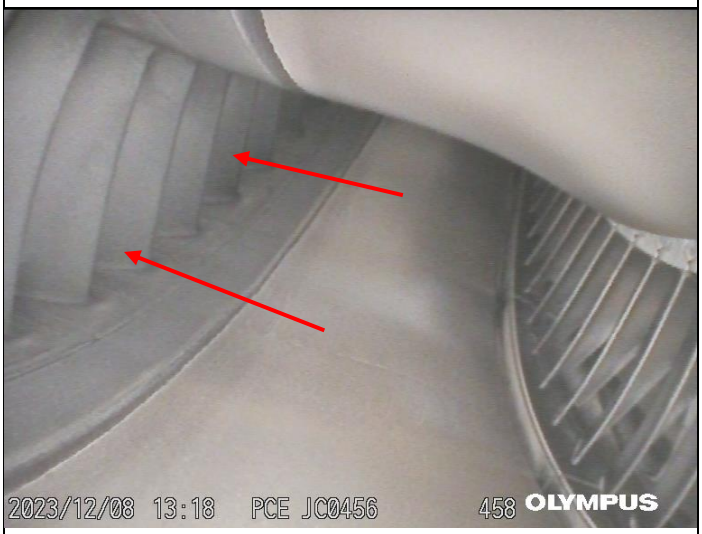


- #4 Bearing Housing Assy. – no anomalies noted





- LT Stator – L/E of vanes, no anomalies noted



- HT Blades – T/E no anomalies noted SB7317 Compliance

- HT Blades – T/E & L/E -- no anomalies noted

- HT Blades – witness step indicates some blade length/life remaining Light HT Blade rub

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- Combustion Liner – Inner/Outer Walls, Large Exit Duct (LED) -- no anomalies noted

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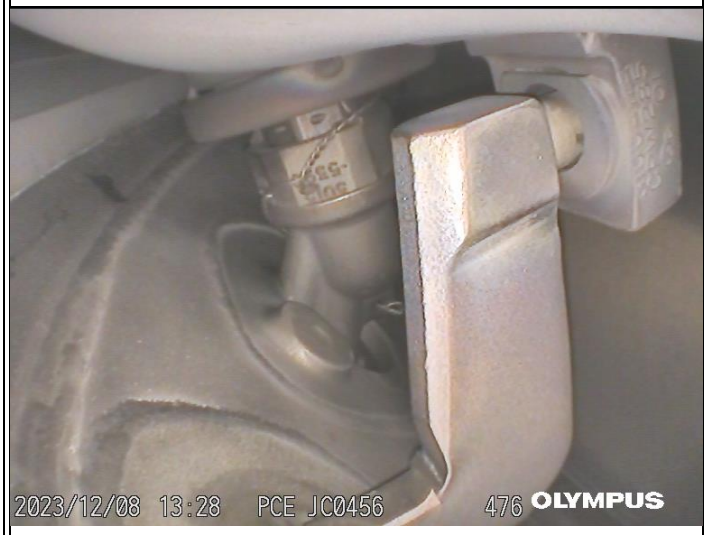
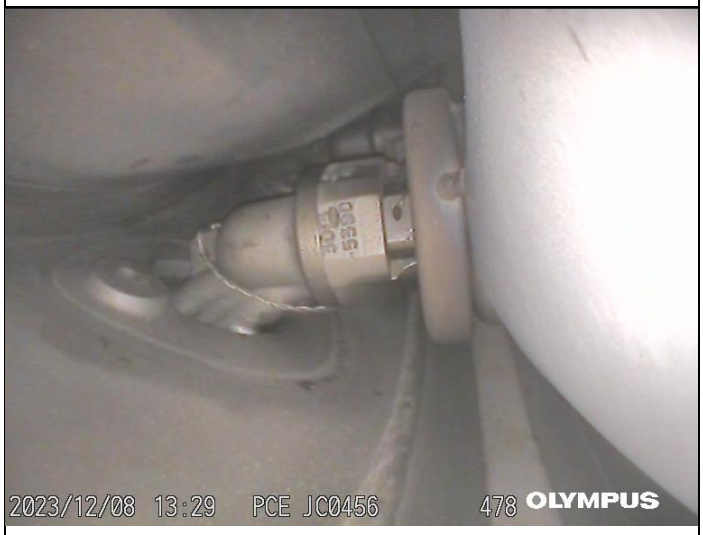
- Fuel Nozzle Tip & Sheath – no anomalies noted

- Combustion Liner Support Pin & Fuel Adapter – no anomalies noted

Fuel Adapter & Sheath





- Deflector Ring, Segment, & Rivets – no anomalies noted

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