

MIAMI NDT, INC.
FAA Repair Station N9QR165B, EASA 145.6167

CFM56-3 BORESCOPE INSPECTION REPORT

Customer:	Logistic Air	Engine S/N:	856131	A/C Type:	B737-400
Location:	Marana, AZ	Model No.:	CFM56-3C1	A/C S/N:	
Work Order:	1802165	Eng Position:	#2	A/C Reg.:	N650CS
Date:	07/23//2018				

Designation:	Full BSI
Reason:	Post Shop
Performed By:	T. H. Davis



NO.	OPERATION TO REMOVE BORESCOPE PORT PLUGS	DATE	MECH.
1	REMOVE BORESCOPE PORT PLUGS TO GAIN ACCESS TO ACCOMPLISH INSPECTION I/A/W AMM 72-00-00	07/23//2018	Jet Yard Tech

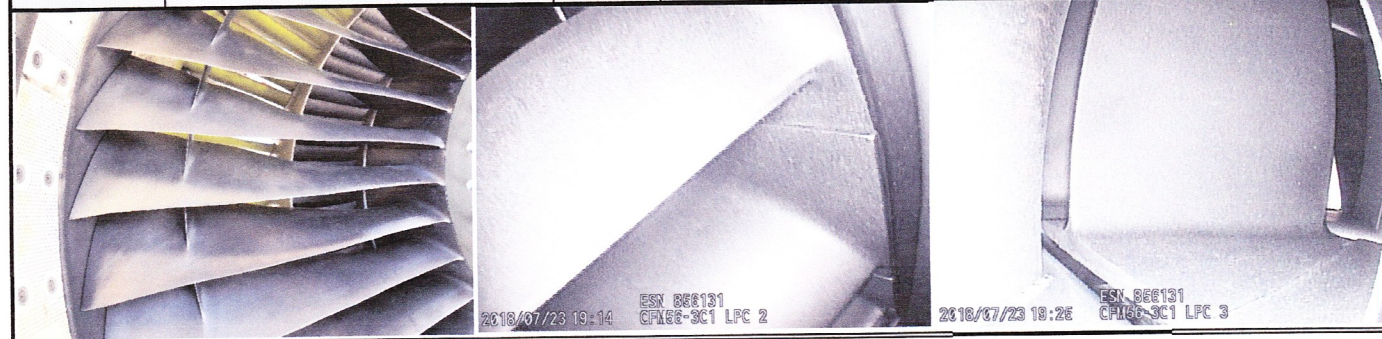
EXTERNAL VISUAL INSPECTION

EXTERNAL VISUAL INSPECTION RESULTS:	No significant damage noted.	DATE	MNDT INSP. 35
Spinner cap paint eroded.		07/23//2018	



FAN ROTOR ASSEMBLY - INSPECTION/CHECK

ACCESS PORT	STAGE	Qty of Blades	RESULTS	DATE	INSP.
FAN INLET	LPC Stage 1 Blades - L/E View	38	No significant damage noted.	07/23//2018	MNDT INSP. 35
	LPC Stage 1 Blades - T/E View	38	I/A/W B737 AMM 72-00-00.		
FAN INLET	LPC Stage 2 Blades - L/E View	68	No significant damage noted.	07/23//2018	MNDT INSP. 35
			I/A/W B737 AMM 72-00-00.		
			No significant damage noted.	07/23//2018	MNDT INSP. 35
S-0	LPC Stage 3 Blades - T/E View	68	I/A/W B737 AMM 72-00-00.		
S-0	LPC Stage 4 Blades - L/E View	68	No significant damage noted.	07/23//2018	MNDT INSP. 35
S-0	LPC Stage 4 Blades - T/E View	68	I/A/W B737 AMM 72-00-00.		



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CFM56-3 BOREScope INSPECTION REPORT

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Location:	Marana, AZ	Model No.:	CFM56-3C1	A/C S/N:	
Work Order:	1802165	Eng Position:	#2	A/C Reg.:	N650CS
Date:	07/23//2018				

Designation:	Full BSI
Reason:	Post Shop
Performed By:	T. H. Davis



COMPRESSOR ROTOR - INSPECTION/CHECK

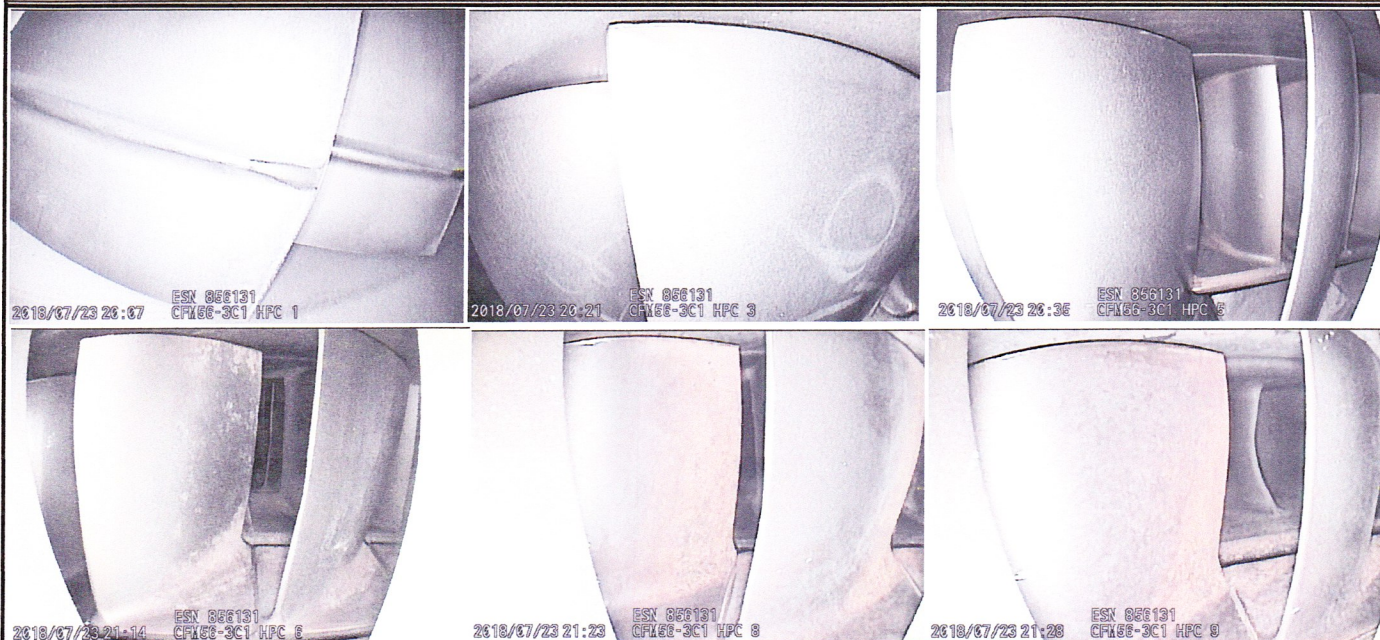
ACCESS PORT	STAGE	Qty of Blades	RESULTS	DATE	INSP.
S-1	HPC Stage 1 Blades - L/E View	38	No significant damage noted.	07/23//2018	
S-2	HPC Stage 1 Blades - T/E View	38	I/A/W B737 AMM 72-00-00.		
S-2	HPC Stage 2 Blades - L/E View	53	No significant damage noted.	07/23//2018	
S-3	HPC Stage 2 Blades - T/E View	53	I/A/W B737 AMM 72-00-00.		
S-3	HPC Stage 3 Blades - L/E View	60	No significant damage noted.	07/23//2018	
S-4	HPC Stage 3 Blades - T/E View	60	I/A/W B737 AMM 72-00-00.		
S-4	HPC Stage 4 Blades - L/E View	68	No significant damage noted.	07/23//2018	
S-5	HPC Stage 4 Blades - T/E View	68	I/A/W B737 AMM 72-00-00.		
S-5	HPC Stage 5 Blades - L/E View	75	No significant damage noted.	07/23//2018	
S-6	HPC Stage 5 Blades - T/E View	75	I/A/W B737 AMM 72-00-00.		
S-6	HPC Stage 6 Blades - L/E View	82	No significant damage noted.	07/23//2018	
S-7	HPC Stage 6 Blades - T/E View	82	I/A/W B737 AMM 72-00-00.		
S-7	HPC Stage 7 Blades - L/E View	82	No significant damage noted.	07/23//2018	
S-8	HPC Stage 7 Blades - T/E View	82	I/A/W B737 AMM 72-00-00.		
S-8	HPC Stage 8 Blades - L/E View	80	No significant damage noted.	07/23//2018	
S-9	HPC Stage 8 Blades - T/E View	80	I/A/W B737 AMM 72-00-00.		
S-9	HPC Stage 9 Blades - L/E View	76	No significant damage noted. I/A/W B737 AMM 72-00-00.	07/23//2018	

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CFM56-3 BORESCOPE INSPECTION REPORT

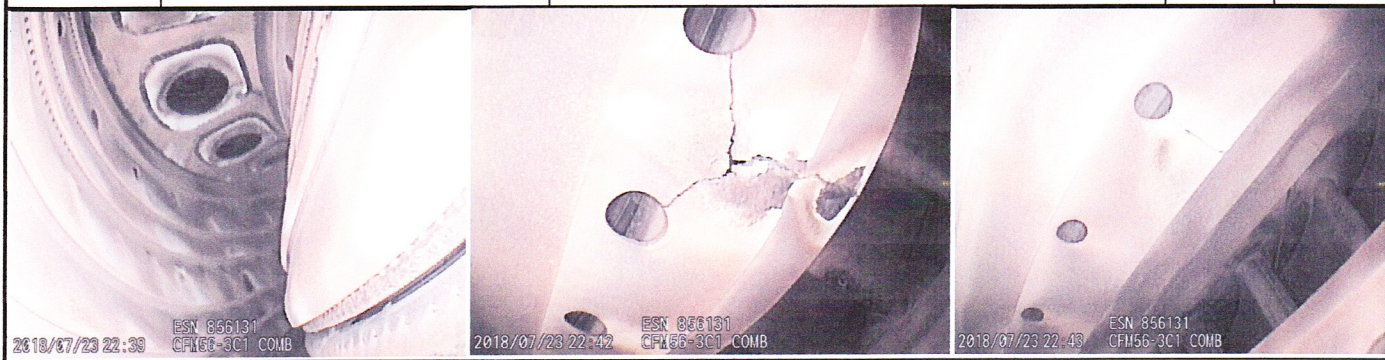
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Date:	07/23//2018				

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COMBUSTOR LINER ASSY & 1st STAGE HPT NOZZLE ASSEMBLY- INSPECTION/CHECK

ACCESS PORT	STAGE	RESULTS	DATE	INSP.
S-11 Thru S-15	Combustor Chamber, Fuel Nozzle, Dome, Inner and Outer Liners	No Significant Damage Noted	07/23//2018	
		Mild coating loss, burnback on Fuel nozzle baffles.		
		6-7 axial cracks across inner and outer liner segments.		
		None across more than 2 segments		
		Within Limits I/A/W B737 AMM 72-00-00		
S-13 & S-15	1st Stage HPT Nozzle Assembly	No Significant Damage Noted	07/23//2018	
		Mild coating loss on LE of Several Vanes.		
		I/A/W B737 AMM 72-00-00.		



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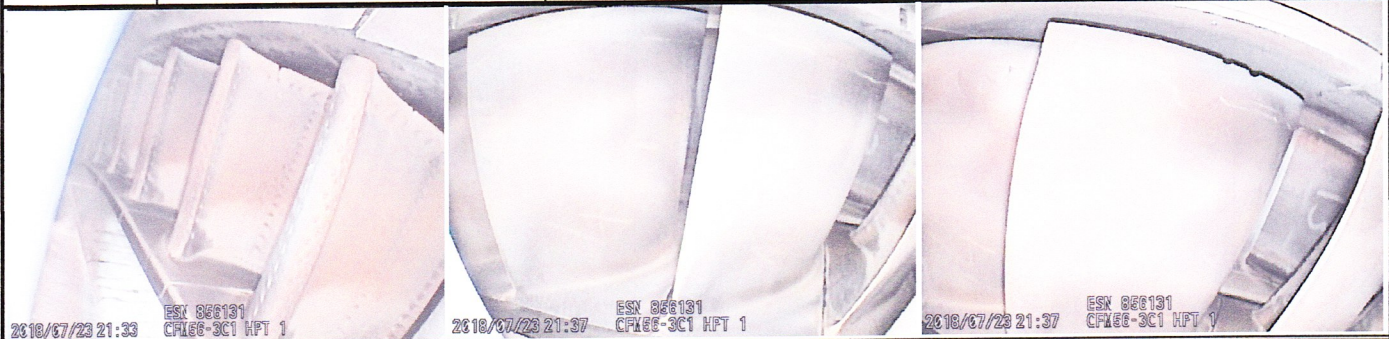
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HIGH PRESSURE TURBINE ROTOR ASSEMBLY - INSPECTION/CHECK

ACCESS PORT	STAGE	RESULTS	DATE	INSP.
S-17 & S-18	HPT Stage 1 Blades - L/E and T/E View - (Qty 72 Blades)	20 + blades with axial tip cracks above tip cap	07/23//2018	
		2 blades with 2 ea wear indicators visible.		
		All within limits I/A/W B737 AMM 72-00-00.		



LOW PRESSURE TURBINE ROTOR ASSEMBLY - INSPECTION/CHECK

ACCESS PORT	STAGE	RESULTS	DATE	INSP.
S-17	LPT Stage 1 Nozzle Assembly	No Significant Damage Noted.	07/23//2018	
		I/A/W B737 AMM 72-00-00.		



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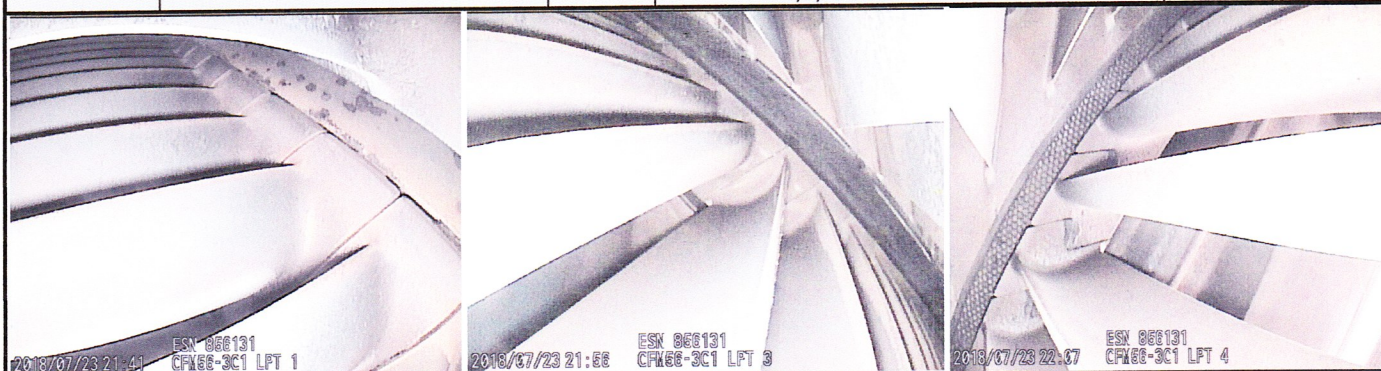
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Date:	07/23//2018				

Designation:	Full BSI
Reason:	Post Shop
Performed By:	T. H. Davis



ACCESS PORT	STAGE	Qty of Blades	RESULTS	DATE	INSP.
S-17	LPT Stage 1 Blades - L/E View	162	Blends present No significant damage noted.	07/23//2018	
S-20	LPT Stage 1 Blades - T/E View	162	I/A/W B737 AMM 72-00-00		
S-20	LPT Stage 2 Blades - L/E View	150	No significant damage noted.	07/23//2018	
S-21	LPT Stage 2 Blades - T/E View	150	I/A/W B737 AMM 72-00-01		
S-21	LPT Stage 3 Blades - L/E View	150	No significant damage noted.	07/23//2018	
S-22	LPT Stage 3 Blades - T/E View	150	I/A/W B737 AMM 72-00-02		
S-22	LPT Stage 4 Blades - L/E View	134	No significant damage noted.	07/23//2018	
Exhaust	LPT Stage 4 Blades - T/E View	134	I/A/W B737 AMM 72-00-00		



FINAL CLOSE UP:

NO.	OPERATION TO INSTALL BORESCOPE PORT PLUGS	DATE	MECH	INSP
2	AFTER COMPLETION OF THE BORESCOPE INSPECTION, REINSTALLED REMOVED PORT PLUGS: TORQUED AND SAFETIED WIRE I/A/W AMM 72-00-00	07/23//2018	Jet Yard Tech	
3	AFTER COMPLETION OF THE BORESCOPE INSPECTION, Accomplished independent inspection of re-installation of AGB handcranking pad cover after borescope inspection I/A/W AD2013-26-01.	07/23//2018	Jet Yard Tech	

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ADDITIONAL PHOTOS ATTACH HERE:

INSPECTED BY:

DATE:

07/23//2018

Engine Condition

Serviceable

