

NON PERFORMANCE BOREScope INSPECTION

CM56-3 C1 ESN856136

Performed : Jul 27 2026

Report issue : Jun 30 2026

Inspector : H.D

HECTOR DAPENA

Hector Dapena

ENGINE

CFM56-3C1

Location: Sanford

Sanford Florida

INSPECTED AREAS :

FAN / Inlet	Fan blades /compressor inlet vanes
LPC	Low pressure compresor
HPC	Hi pressure compresor
CC / NGV	Combustion section & nozles guide vanes
HPT	Hi pressure turbine
LPT	Low pressure turbine

REASON FOR INSPECTION

As per customer (owner) request

Engine Data Plate



Location	Sub Location	Results/Comments
INLET	INLET	Fan Baldes visually inspected , no damage found . Booster inlet vanes slight corrosion on the convex side. No more damage found .
HPC	Stage 01 LeadingEdge	
HPC	Stage 01 TrailingEdge	
HPC	Stage 02 LeadingEdge	
HPC	Stage 02 TrailingEdge	
HPC	Stage 03 LeadingEdge	

Location	Sub Location	Results/Comments
HPC	Stage 03 TrailingEdge	
HPC	Stage 04 LeadingEdge	
HPC	Stage 04 TrailingEdge	
HPC	Stage 05 LeadingEdge	
HPC	Stage 05 TrailingEdge	
HPC	Stage 06 LeadingEdge	

Location	Sub Location	Results/Comments
HPC	Stage 07 LeadingEdge	
HPC	Stage 07 TrailingEdge	
HPC	Stage 08 LeadingEdge	
HPC	Stage 08 TrailingEdge	
HPC	Stage 09 LeadingEdge	
HPC	Stage 09 TrailingEdge	

Location	Sub Location	Results/Comments
LPC	Stage 02 LeadingEdge	
LPC	Stage 03 TrailingEdge	
LPC	Stage 04 LeadingEdge	
CC	Combustion Chamber	No damage found on HSI-COMBUSTION AREA / NGV No damage on Outer / Inner cases , dome band , panels , ribs . No damage on NGV no crack ,no burns no erosion . Slight burn on area 4 /1 on some deflector panels small radial craks " IN LIMITS "
LPT	Stage 01 LeadingEdge	
LPT	Stage 01 TrailingEdge	

Location	Sub Location	Results/Comments
LPT	Stage 03 LeadingEdge	
LPT	Rotor Blade LeadingEdge	
LPT	HPT Rotor balde 4 TE TrailingEdge	

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Location

Results/Comments

INLET
INLET



Accepted

1

FAN BLADES LE

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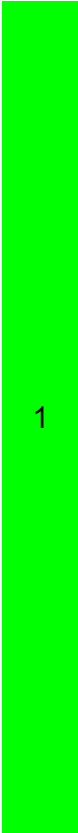
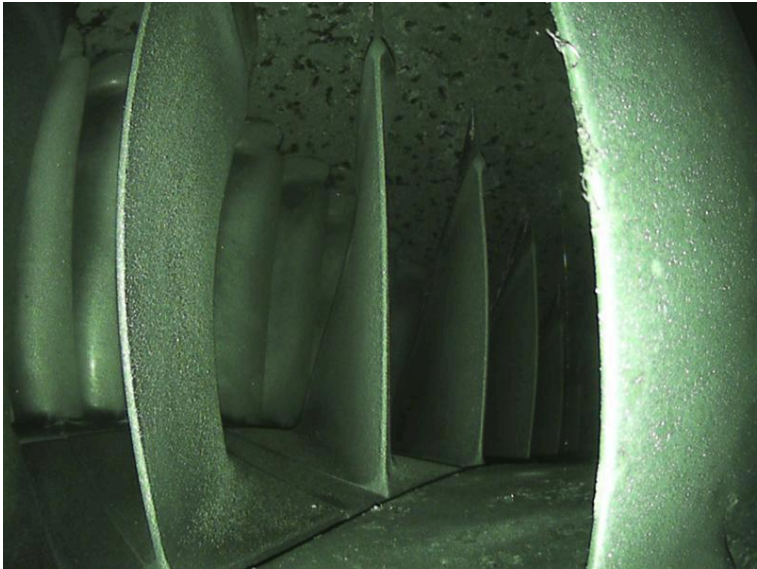
Location		Results/Comments
HPC Stage 01 LeadingEdge		Accepted 3C-1 SN856136 HPT1LE/S1 1 No damage found
HPC Stage 01 LeadingEdge		Accepted 3C-1 SN856136 HPT1LE/S1 1 No damage found

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Location

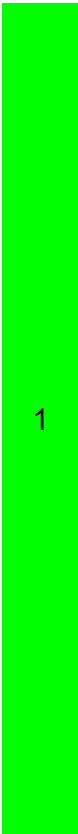
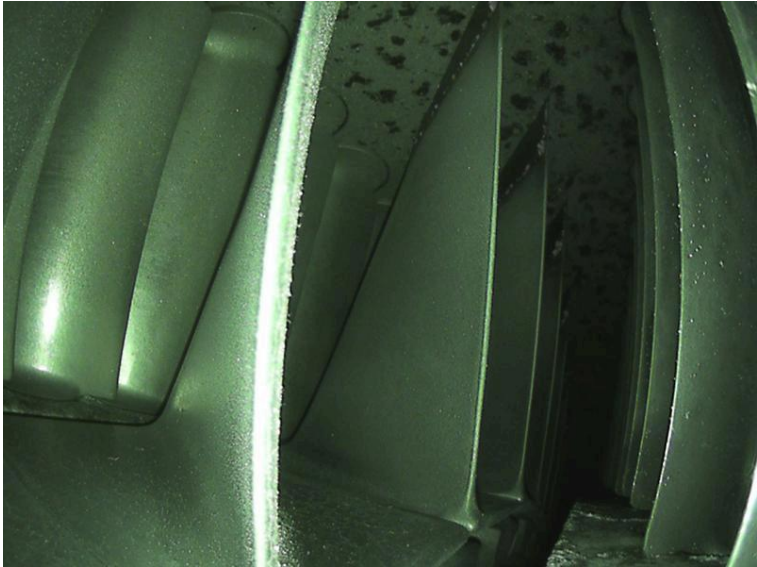
Results/Comments

HPC
Stage 01
TrailingEdge



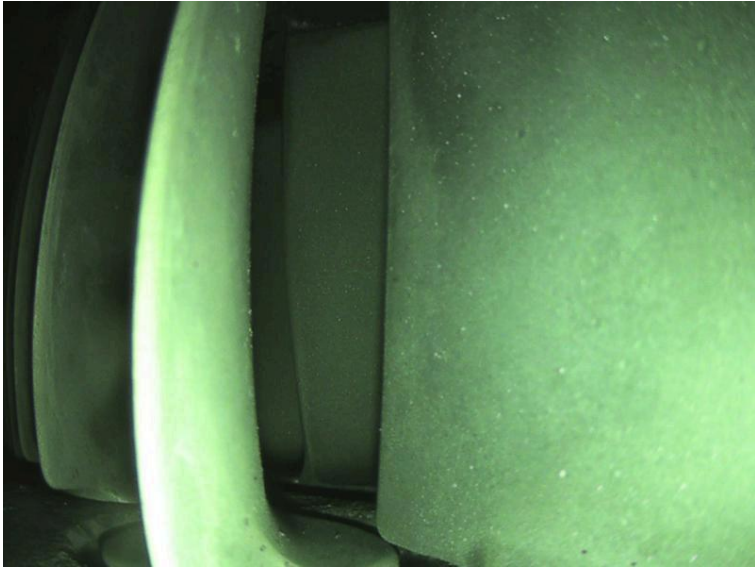
Accepted
3C-1 SN856136 HPT1LE/S1
1 No damage found , an engine wash its recommended

HPC
Stage 02
LeadingEdge



Accepted
3C-1 SN856136 HPT2LE/S2
1 No damage found

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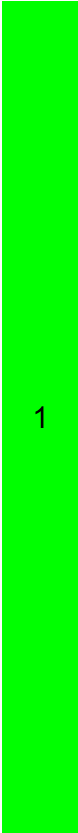
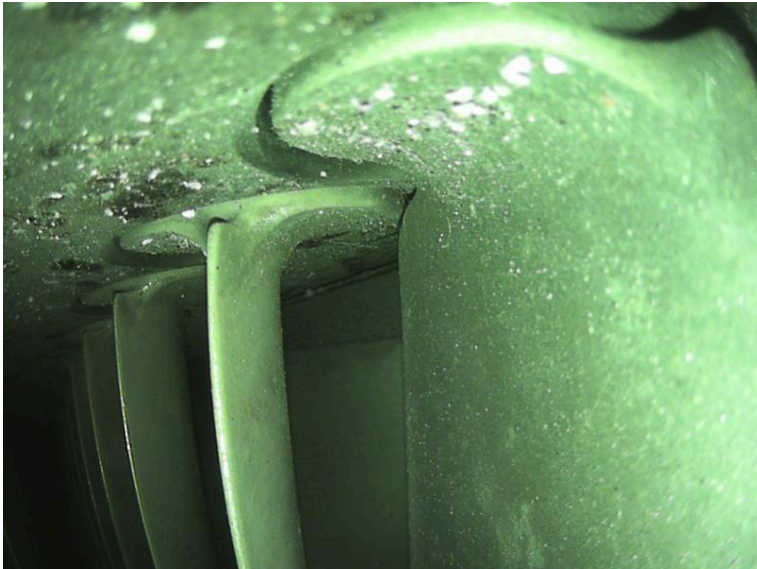
Location		Results/Comments
HPC Stage 02 LeadingEdge		Accepted 3C-1 SN856136 HPT2LE/S2 1 No damage found , An engine wash is recommended
HPC Stage 02 TrailingEdge		Accepted 3C-1 SN856136 HPT2TE/S3 1 No damage found

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Location

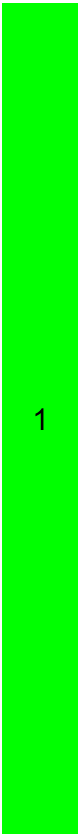
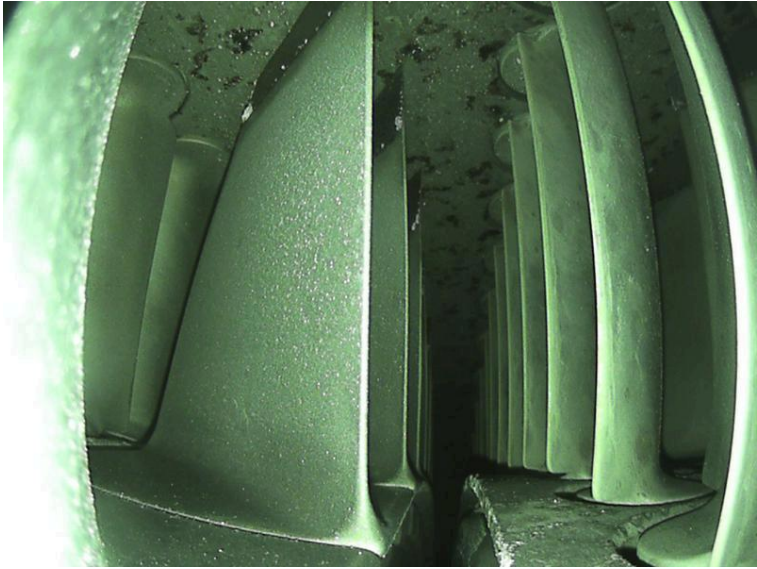
Results/Comments

HPC
Stage 02
TrailingEdge



Accepted
3C-1 SN856136
HPT2TE/S3
1 No damage found , an engine wash is recommended. Dust and moisture observed

HPC
Stage 03
LeadingEdge



Accepted
3C-1 SN856136
HPT2LE3/S3
1 No damage found

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Location

Results/Comments

HPC

Stage 03
TrailingEdge



Accepted

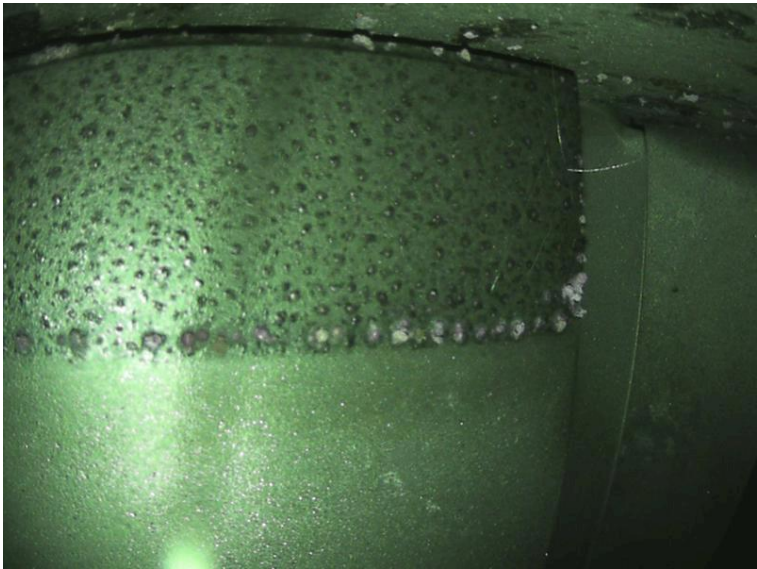
3C-1 SN856136
HPT3TE/S4

1

No damage found , formation
due to moisture
accumulation

HPC

Stage 03
TrailingEdge



Accepted

3C-1 SN856136
HPT3TE/S4

1

No damage found , formation
due to moisture
accumulation

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Location		Results/Comments
HPC Stage 04 LeadingEdge		Accepted 3C-1 SN856136 HPT4LE/S4 1 No damage found .
HPC Stage 04 LeadingEdge		Accepted 3C-1 SN856136 HPT4LE/S4 1 No damage found , dust and moisture observed

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Location	Results/Comments
HPC Stage 04 TrailingEdge	Accepted 3C-1 SN856136 HPT4TE/S5 1 No damage found , dust and moisture observed
HPC Stage 04 TrailingEdge	Accepted 3C-1 SN856136 HPT5TE/S6 1 No damage found , dust and moisture

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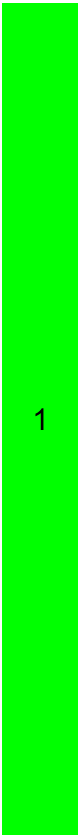
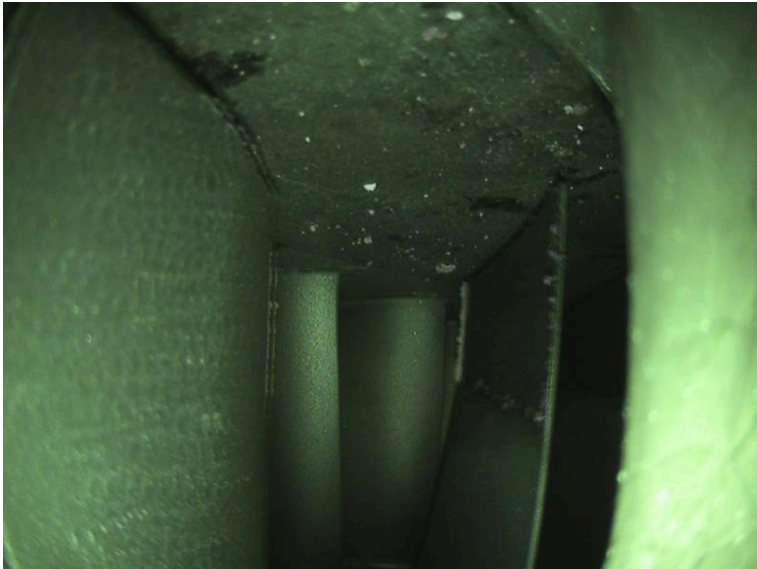
Location		Results/Comments
HPC Stage 05 LeadingEdge		Accepted 3C-1 SN856136 HPT5LE/S5 1 No damage found
		Accepted 3C-1 SN856136 HPT5LE/S5 1 No damage found , dust and moisture

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Location

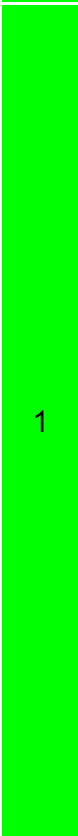
Results/Comments

HPC
Stage 05
LeadingEdge



Accepted
3C-1 SN856136 HPT5LE/S5
1 No damage found , dust and moisture

HPC
Stage 05
LeadingEdge



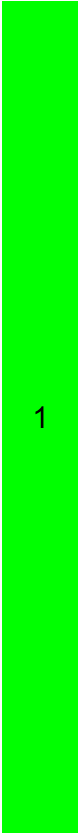
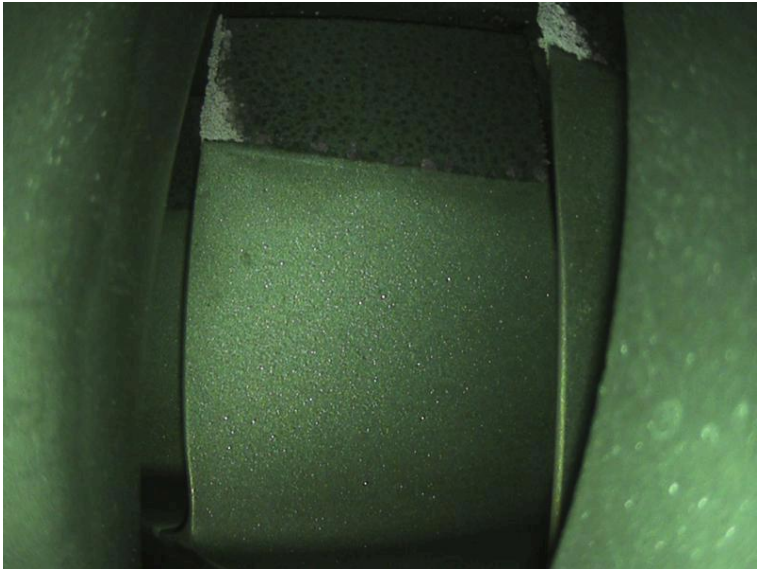
Accepted
3C-1 SN856136 HPT6LE/S6
1 No damage found .

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Location

Results/Comments

HPC
Stage 05
TrailingEdge

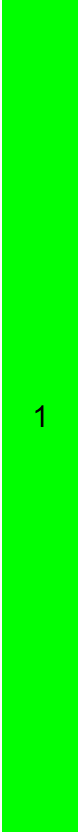
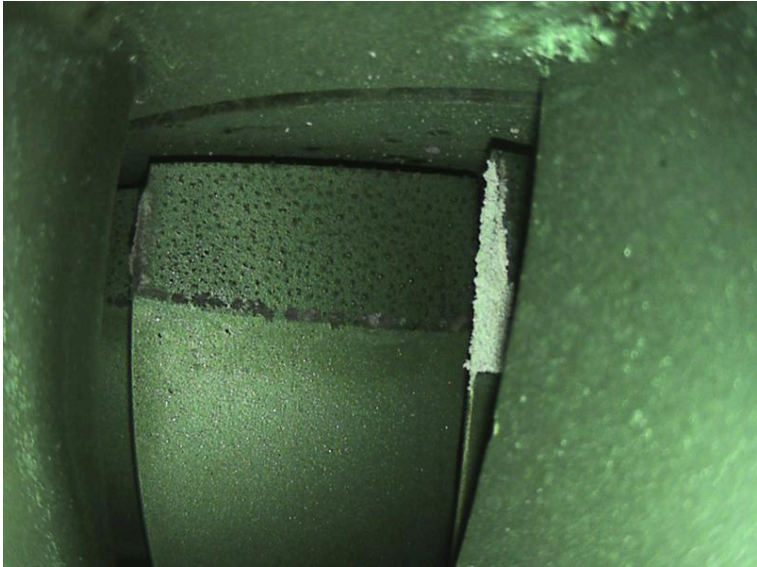


Accepted

3C-1 SN856136
HPT5TE/S6

No damage found , dust and moisture observed

HPC
Stage 05
TrailingEdge



Accepted

3C-1 SN856136
HPT5TE/S6

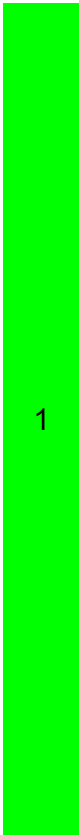
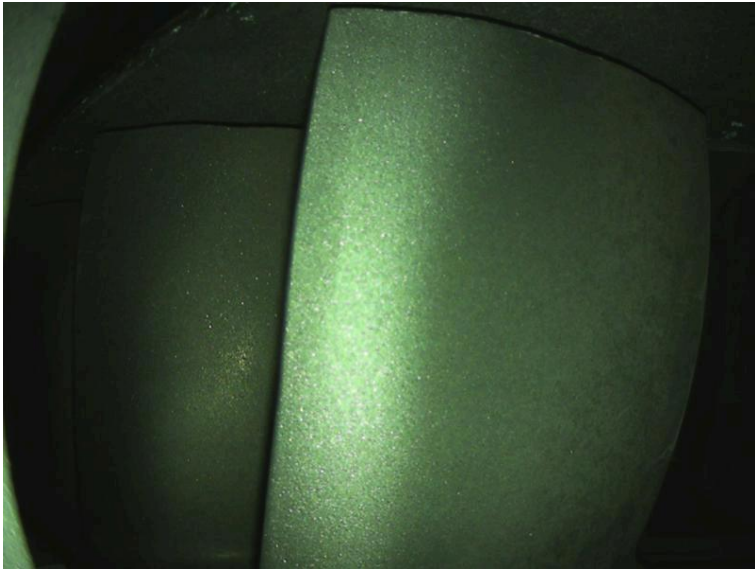
No damage found , dust and moisture observed .

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Location

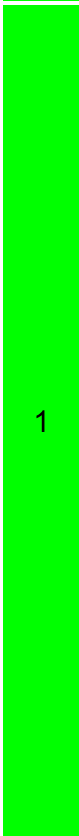
Results/Comments

HPC
Stage 06
LeadingEdge



Accepted
3C-1 SN856136 HPT6LE/S6
1
No damage found

HPC
Stage 06
LeadingEdge



Accepted
3C-1 SN856136 HPT6LE/S6
1
No damage found .

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Location

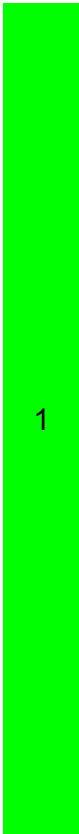
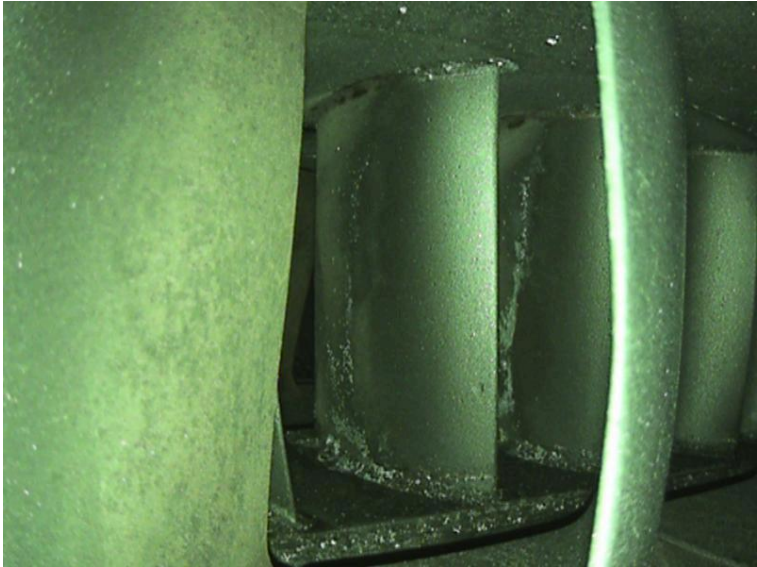
Results/Comments

HPC
Stage 07
LeadingEdge



Accepted
3C-1 SN856136 HPT7LE/S7
1 No damage found

HPC
Stage 07
LeadingEdge



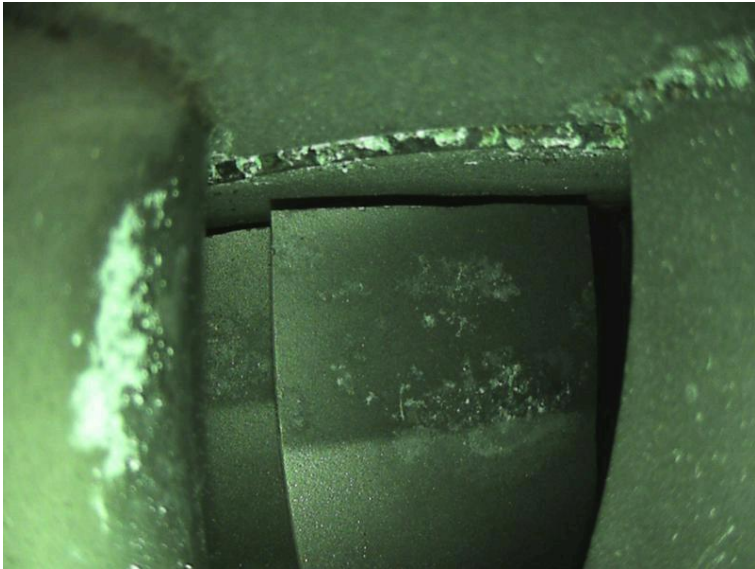
Accepted
3C-1 SN856136 HPT7LE/S7
1 No damage found , dust and moisture observed.

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Location

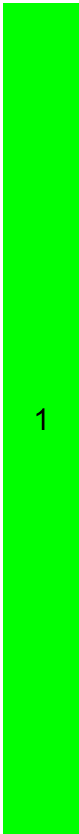
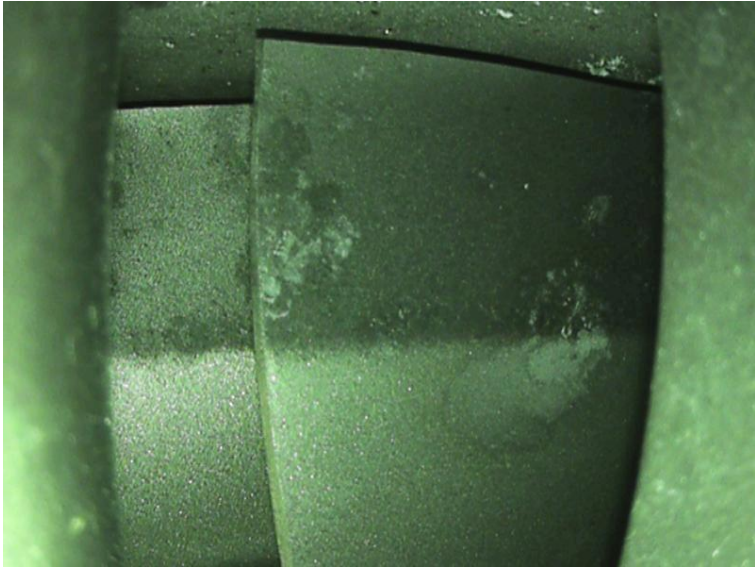
Results/Comments

HPC
Stage 07
TrailingEdge



Accepted
3C-1 SN856136
HPT6TE/S7
1
No damage found , dust and moisture observed

HPC
Stage 07
TrailingEdge



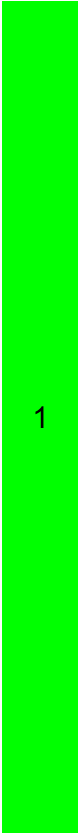
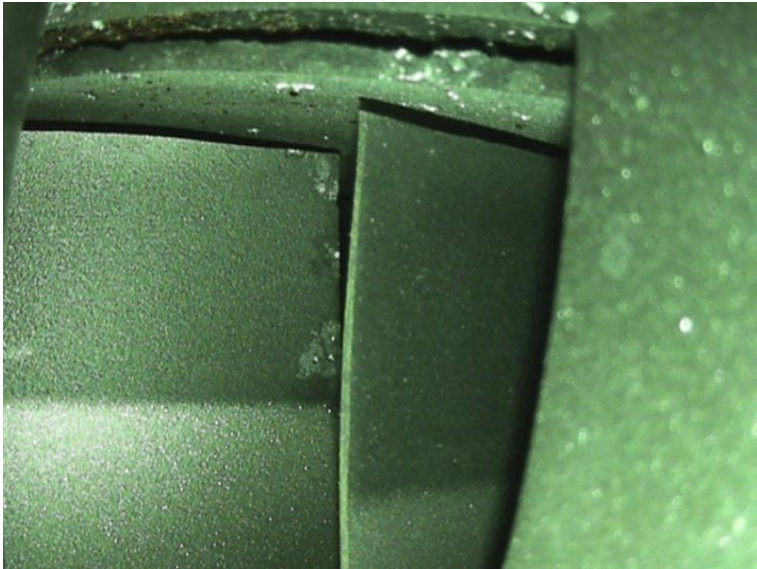
Accepted
3C-1 SN856136
HPT7TE/S8
1
No damage found , dust and moisture observed.

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Location

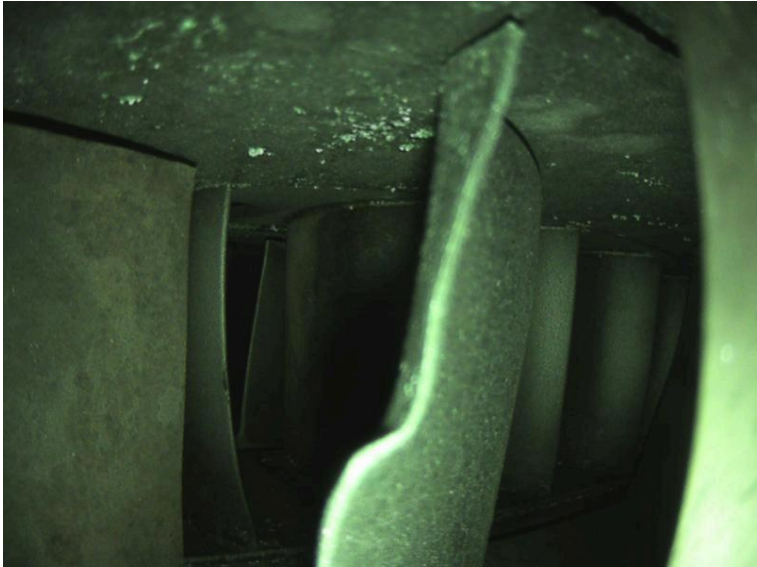
Results/Comments

HPC
Stage 07
TrailingEdge



Accepted
3C-1 SN856136
HPT7TE/S8
1 No damage found , dust and moisture observed .

HPC
Stage 08
LeadingEdge



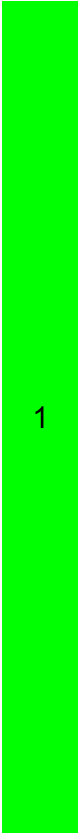
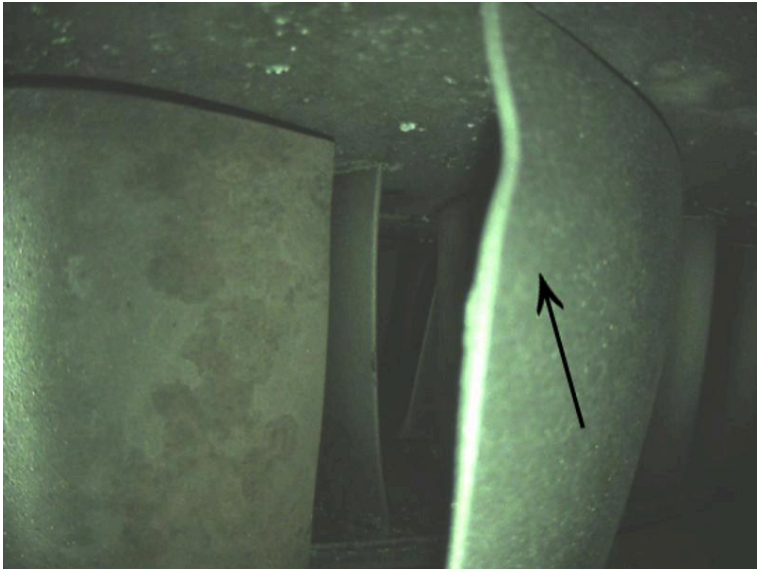
Review Minor
DENTED
2 Dent damage found on 8 Stg LE

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Location

Results/Comments

HPC
Stage 08
LeadingEdge



Accepted

DENTED

1 IAW MM 72-00-00-216-049
Section I sub sect 1) No
maximum number of dents if
the damage is less than
0.20 (3.8mm) in depth.

HPC
Stage 08
LeadingEdge



Review Minor

DENTED

2 IAW MM 72-00-00-216-049 ,
No maximum number of
dents if the damage is less
than 0.15 inch (3.8mm) in
depth.

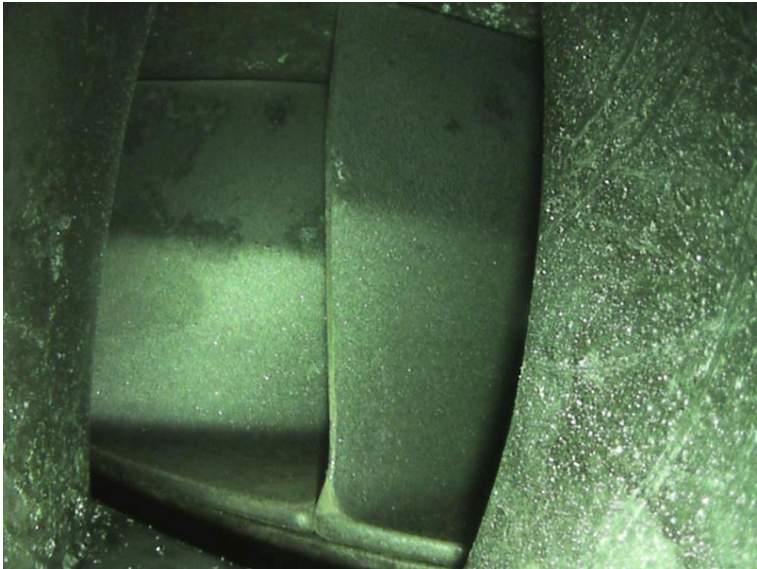
Measurement 2.5mm in
depth . In limits .
Section I - Sub sect a)
page 620

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Location

Results/Comments

HPC
Stage 08
TrailingEdge



No Mark

3C-1 SN856136
HPT8TE/S9
0
No more damage found on 8
Stg. blades TE .

HPC
Stage 09
LeadingEdge



Accepted

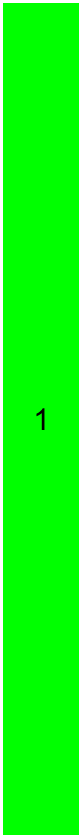
3C-1 SN856136 HPT9LE/S9
1
No damage found , dust and
moisture observed .

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Location

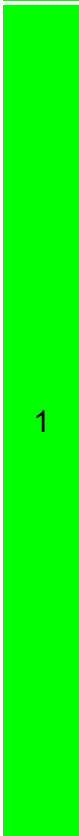
Results/Comments

HPC
Stage 09
TrailingEdge



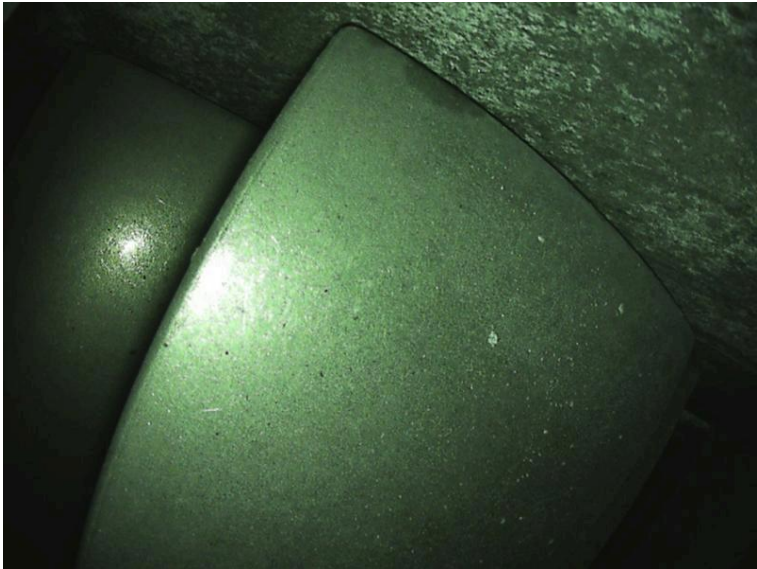
Accepted
3C-1 SN856136 LPC4/S0
No damage found.

LPC
Stage 02
LeadingEdge



Accepted

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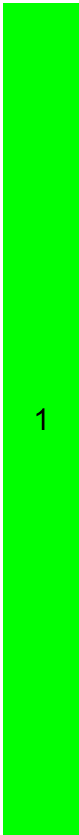
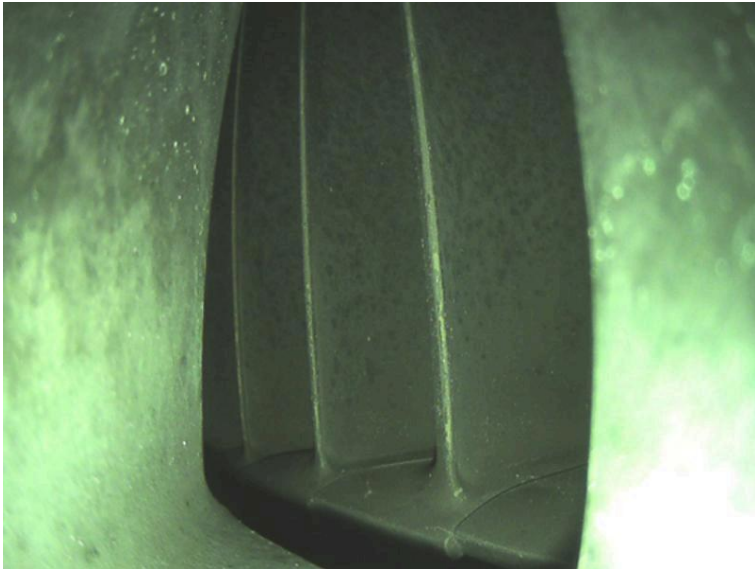
Location		Results/Comments
LPC Stage 02 LeadingEdge		Accepted 3C-1 SN856136 LPCLE 1 No damage found
LPC Stage 02 LeadingEdge		Accepted 3C-1 SN856136 LPC2 1 No damage found

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Location

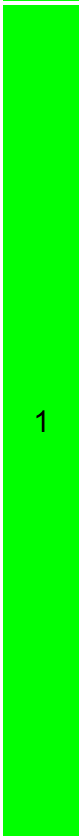
Results/Comments

LPC
Stage 02
LeadingEdge



Accepted
3C-1 SN856136 LPT2LE
1 LPT2 LE No damage found .
Dust and moisture observed

LPC
Stage 03
TrailingEdge



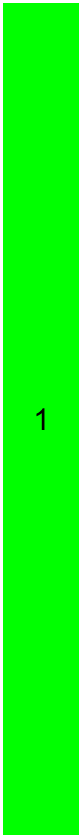
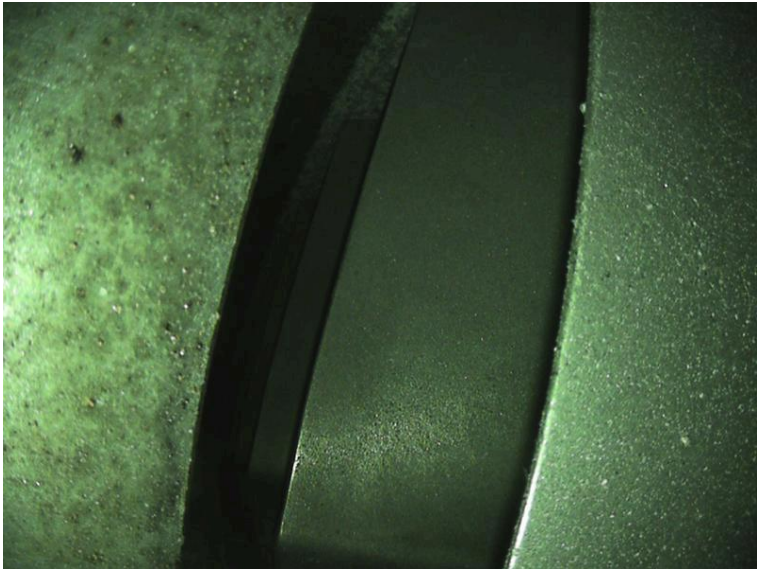
Accepted
3C-1 SN856136 LPC3TE/S0
1 No damage found

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Location

Results/Comments

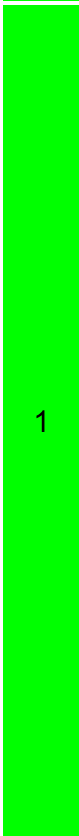
LPC
Stage 03
TrailingEdge



Accepted

1 LPC 3 TE No damage found
Dust and moisture observed

LPC
Stage 03
TrailingEdge



Accepted

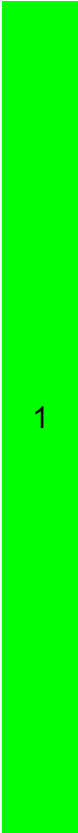
3C-1 SN856136 LPC3TE/S0
1 LPC 3 TE No damage found .
Dust and moisture observed.

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Location

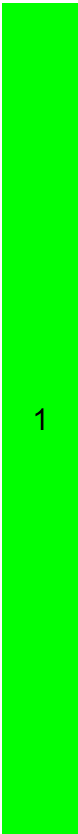
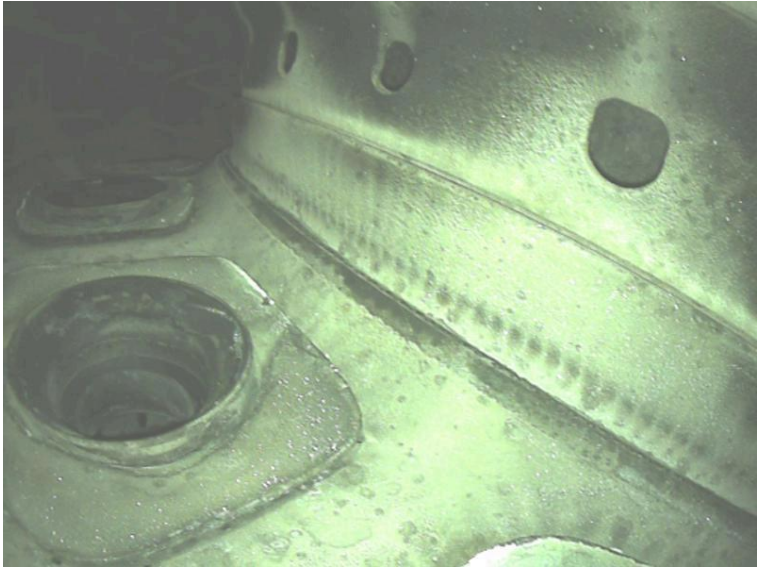
Results/Comments

LPC
Stage 04
LeadingEdge



Accepted
3C-1 SN856136 LPC4/S0
1 No damage found

CC
Combustion
Chamber



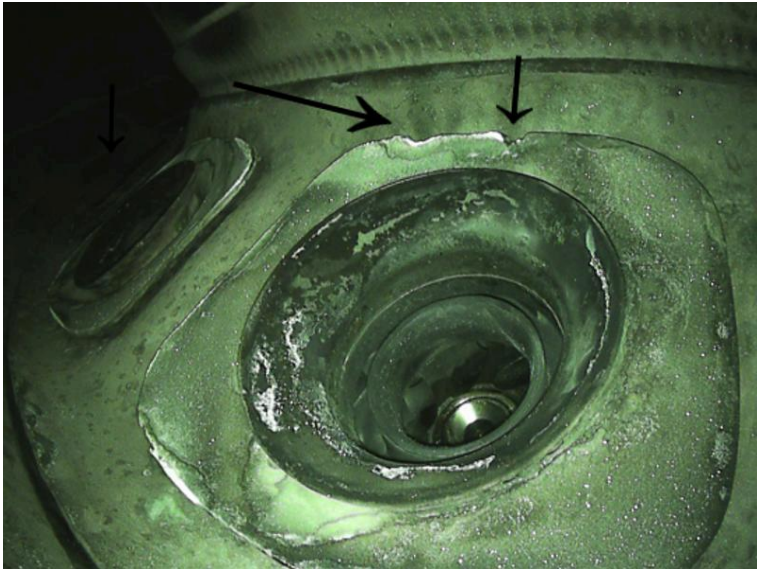
Accepted
3C-1 SN856136
COMBUSTOR/NGV
1 Dome band and panel 1 Ri1 /rib 2 no damage found all around

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Location

Results/Comments

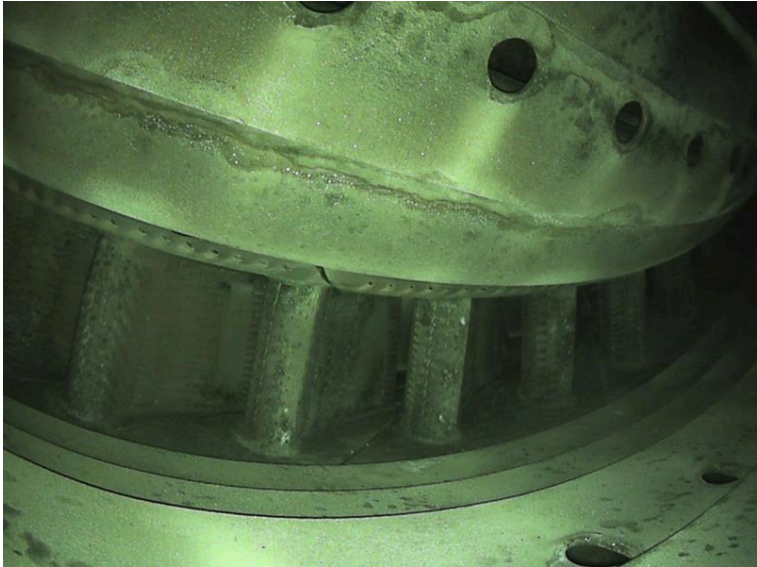
CC
Combustion
Chamber



1

Accepted
BURNING
Cuadrant 4/1 Deflector small
burning IN LIMITS
Cuadrant 4/1 Smll radial
crack IN LIMITS

CC
Combustion
Chamber



1

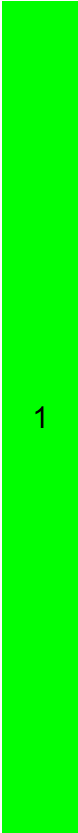
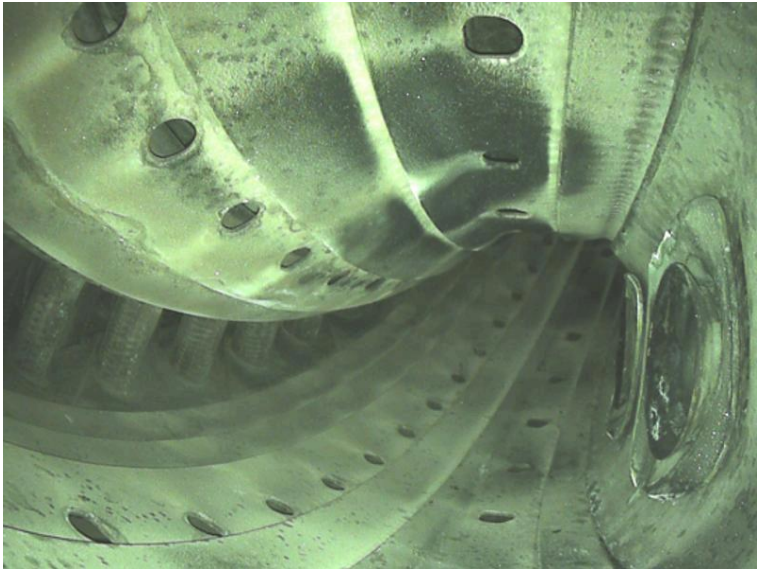
Accepted
3C-1 SN856136
COMBUSTOR/NGV
Outer panel 5/5 ,
Inner panel 3 /4 no damage
found all arround

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Location

Results/Comments

CC
Combustion
Chamber

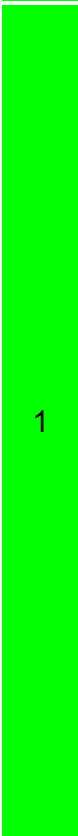


Accepted

3C-1 SN856136
COMBUSTOR/NGV

1 Inner dome band , panels 2/3
,
Outer dome band panels
1/2/3 no damage found all
around

LPT
Stage 01
LeadingEdge



Accepted

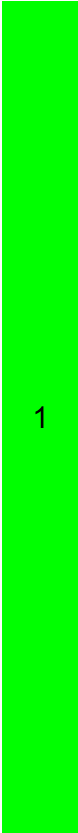
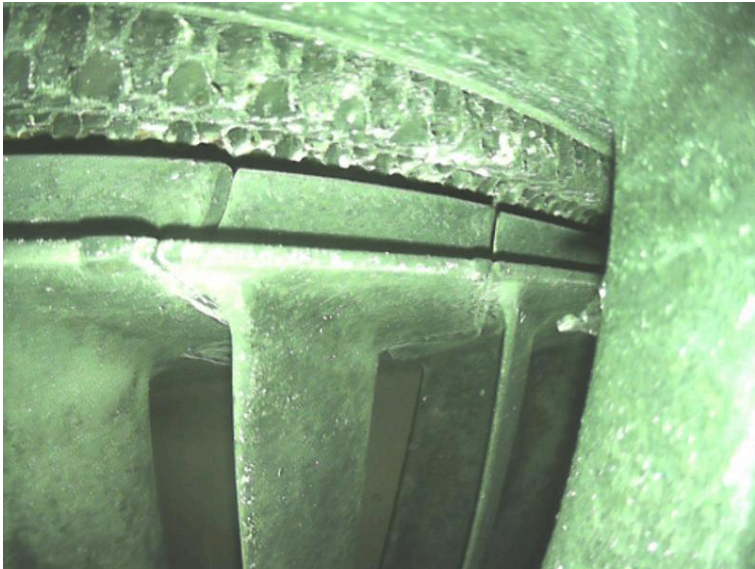
1 3C-1 SN856136 LPT1TE

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Location

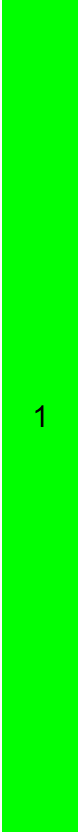
Results/Comments

LPT
Stage 01
TrailingEdge



Accepted
3C-1 SN856136 LPT1TE
1 LPT 1 TE No damage found .
Dust and moisture
observed.

LPT
Stage 03
LeadingEdge



Accepted
3C-1 SN856136 LPT3TE
1 LPT3 LE , No damage
found.

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Location

Results/Comments

LPT

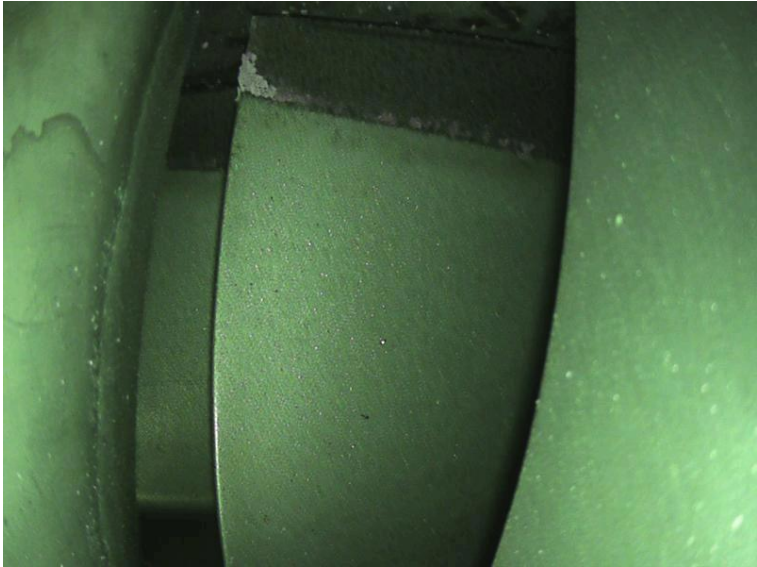
Rotor Blade
LeadingEdge



Accepted
3C-1 SN856136 HPT4LE/S4
1 LPT 4 LE No damage found.

LPT

HPT Rotor balde
4 TE
TrailingEdge



Accepted
3C-1 SN856136
HPT4TE/S5
1 HP4 TE, No damage found .
Dust and moisture observed