



Borescope Inspection Report

July 3, 2024

Uniper

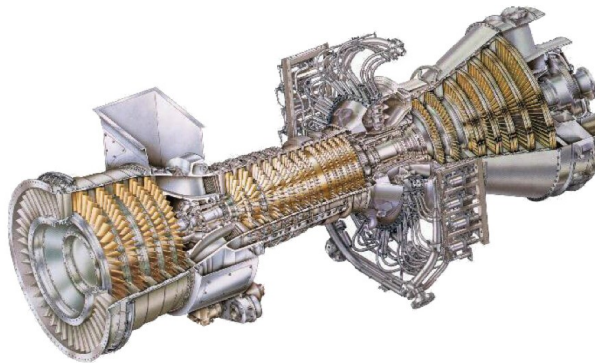
Den Haag

Unit 52

ESN 192-229

PowerMax Number (PMx) I01-101416

Customer Representative: Max Bavelaar
GE Service Representative: Mark van Malsen



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**Purpose of visit:**

The purpose of this visit was to perform a Periodic Borescope Inspection IRW GEK 105061 WP 4015 00.

Engine Serial Number 192-229 is **Available** for continued operation and is considered **Serviceable**.

Detail Findings Main Concerns:	Cracks found at HPT S2N Outer platform between the Vanes, can't see if cracks are only in the coating.
PAC Number (if available):	AERO-20240704-0131
Notifications (CSL/CPM/PM/ENGR/ or FieldCore SM/RM):	Adam, Virgil (GE Vernova) <virgil.adam@ge.com> Scharff, Gerrit (GE Vernova) <gerrit.scharff@ge.com>

Follow Up Action Items for Engineering:

Advise what to do with these cracks.

Follow Up Action Items CSL/CPM/PM:

Contact engineering about these cracks and make plan for future inspections.



Outage Data

Engine Data:

Engine/Package Hours and Fired Starts were obtained from: **Customer**

Data ESN 192-229 as or 16/06/2024

ESN	192-229
Model	LM6000PD
Total Package Operating Hours	71143
Total package Starts	2759
Total Engine Operating Hours	71143
Total Engine Starts	2759
Since last depot visit for HSE, Hours	17900
Since last Depot visit for HSE, Starts	961

Maintenance Data:

WP, SB, SL, PB, PL Performed	Revision/manual reference	Date WP completed	Comments
WP 4015 00	GEK 105061 REV VII	2024-07-03	Serviceable

Parts Data:

Description	Part Removed	SN Removed	Qty	Disposition	PN Installed	SN Installed



DETAILS AND DATA

Work performed:

Performed borescope inspection using the Mentor Flexscope referencing GEK WP 4015 00.

Findings

LPC:

No findings.

HPC:

2 nicks found at stage 1 LE.

2 nicks found at stage 13 LE (1 nick was also found at last BSI).

Pre-mixers:

No findings.

Combustor:

Some TBC missing at Heatshield Wings and Heatshield Face.

HPT Shrouds:

Rubbing found at HPT stage 1 Shrouds. Rubbing found at HPT stage 2 Shrouds.

HPT Stage 1 Nozzle:

Crack and erosion found at S1N Borescope port hole (Also found at last BSI). Erosion found at S1N TE.

HPT stage 1 Blades:

TBC missing found at LE HPT stage 1 Blades.

HPT stage 2 Nozzle:

Erosion and cracks found at several S2N TE.

Cracks found at several S2N Outer Platforms between the Vanes, can't see if cracks is only in the coating, AERO-20240704-0131

HPT stage 2 Blades:

No findings.

Stg 11 Check Valves:

All 8 Check Valves in place and in good condition.

LPT:

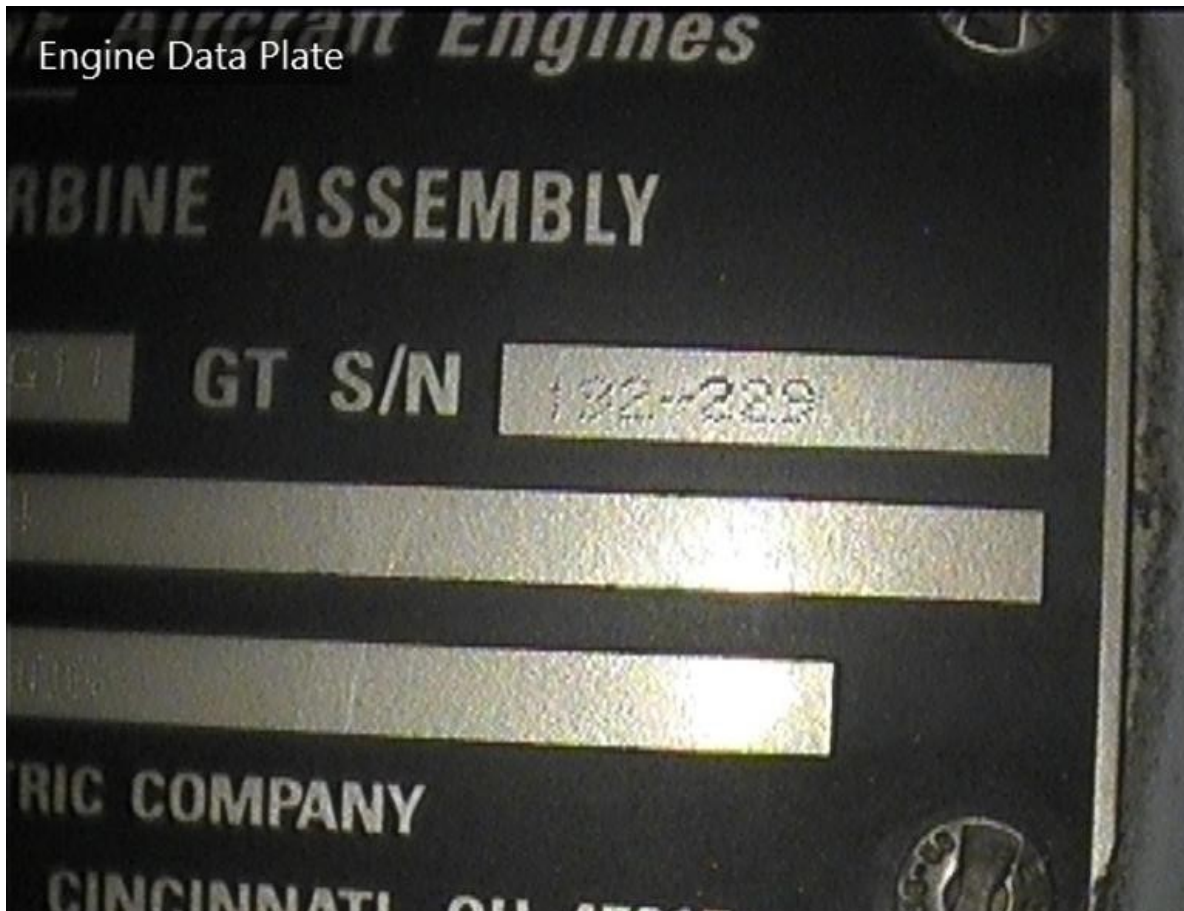
No findings

CONCLUSION

Aero-case logged (AERO-20240704-0131) for the cracks at S2N Outer Platforms between the Vanes, can't see if cracks are only in the coating, need advise from engineering what action need to be taken.



Engine Data Plate





Low Pressure Compressor (LPC)

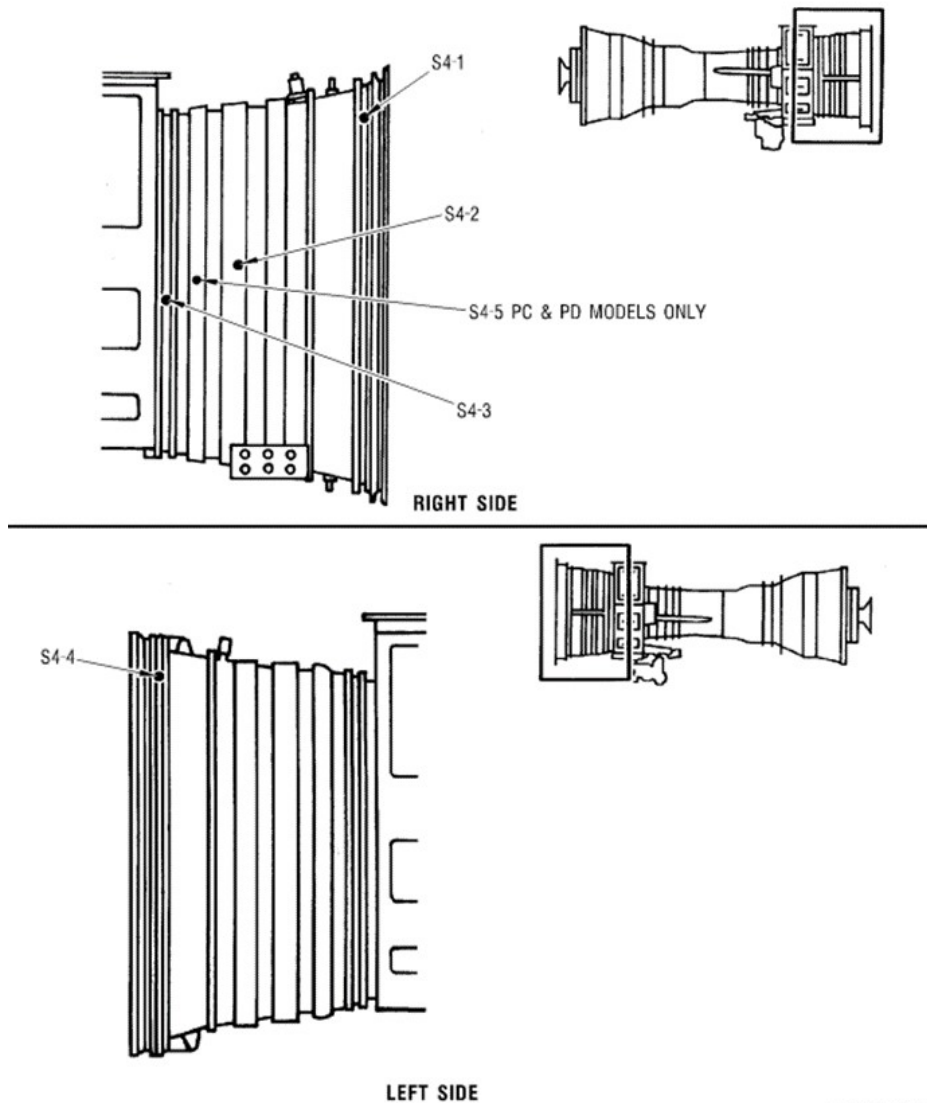
Inspection area: All comments will be made at picture blocks, and detail data section of report.

Inspect Stages 0 through 4 Blades and Vanes for cracks, nicks, burrs, tears, curl, missing material, dents, scratches, pits.

Inspect for airfoil erosion, corrosion, or deposits.

Inspect Stage 4 Stator Vane bumpers.

Limited view 360° on all Booster components.



1146489-00-A2A

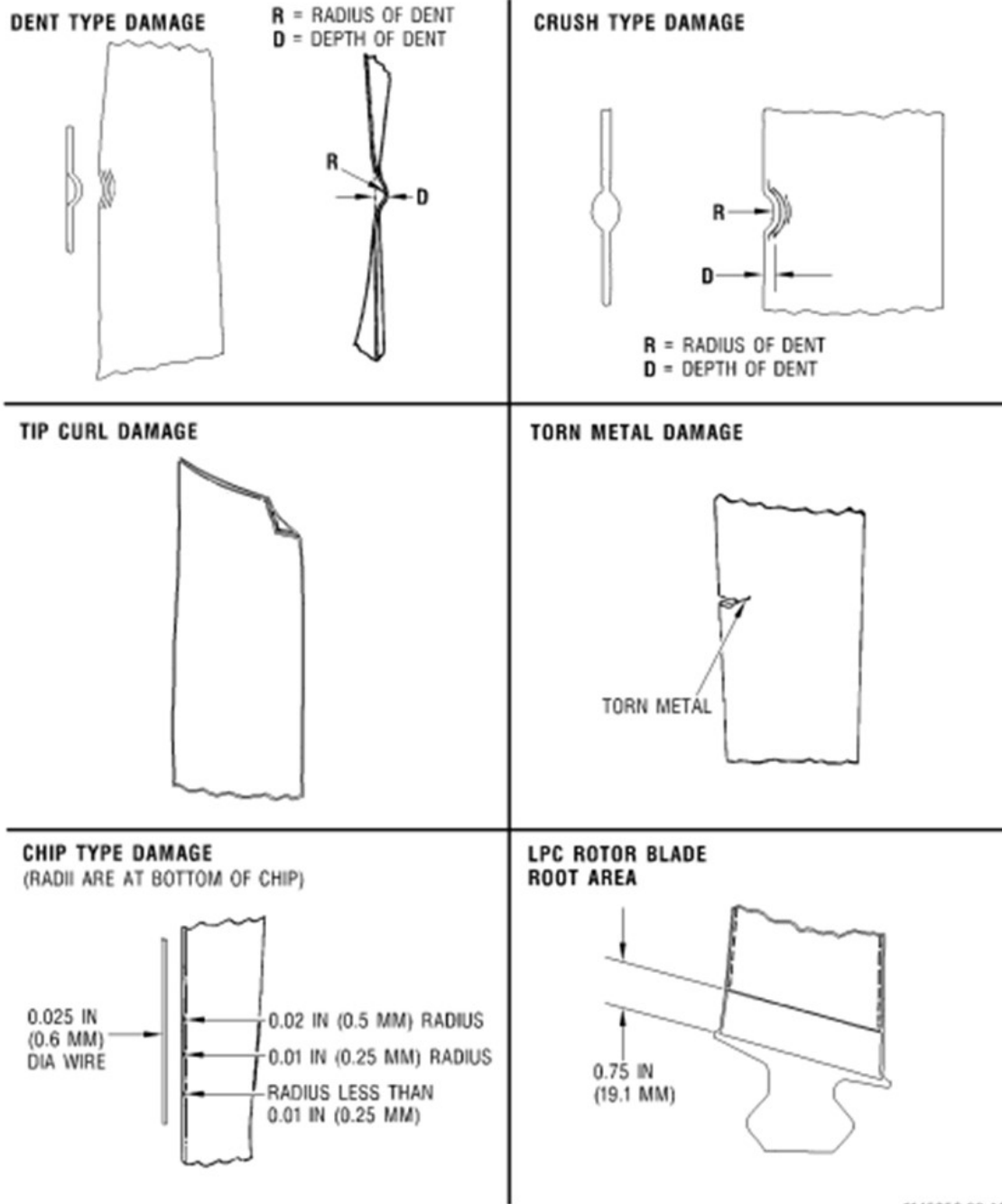
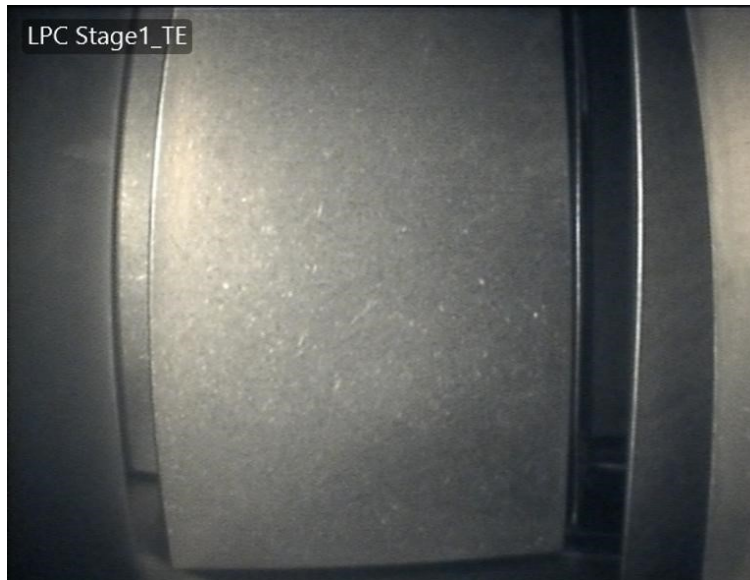


Figure 5. LPC Rotor Blade Inspection



lpc_stage1_te001.jpg

Section	LPC
Stage	Stage1_TE
Defect	NO DEFECT - SERVICEABLE
Comments:	



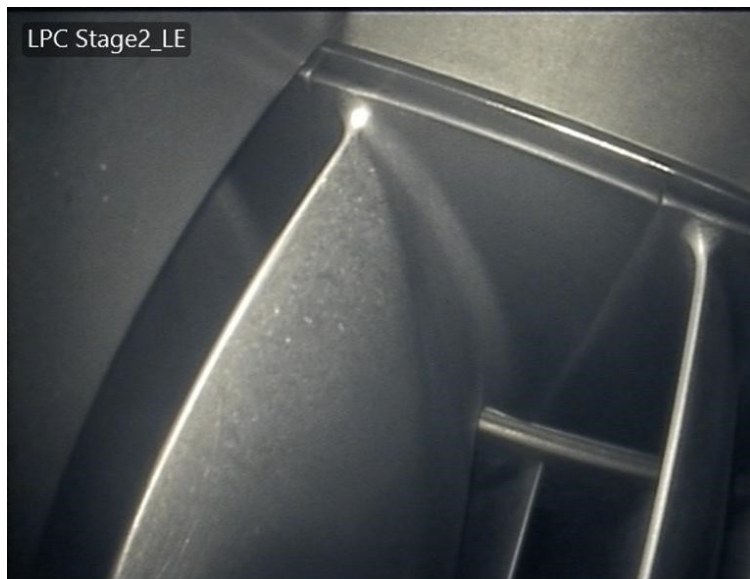
lpc_stage1_te002.jpg

Section	LPC
Stage	Stage1_TE
Defect	NO DEFECT - SERVICEABLE
Comments:	



lpc_stage2_le001.jpg

Section	LPC
Stage	Stage2_LE
Defect	NO DEFECT - SERVICEABLE
Comments:	



lpc_stage2_le002.jpg

Section	LPC
Stage	Stage2_LE
Defect	NO DEFECT - SERVICEABLE
Comments:	



lpc_stage2_te001.jpg

Section	LPC
Stage	Stage2_TE
Defect	NO DEFECT - SERVICEABLE
Comments:	



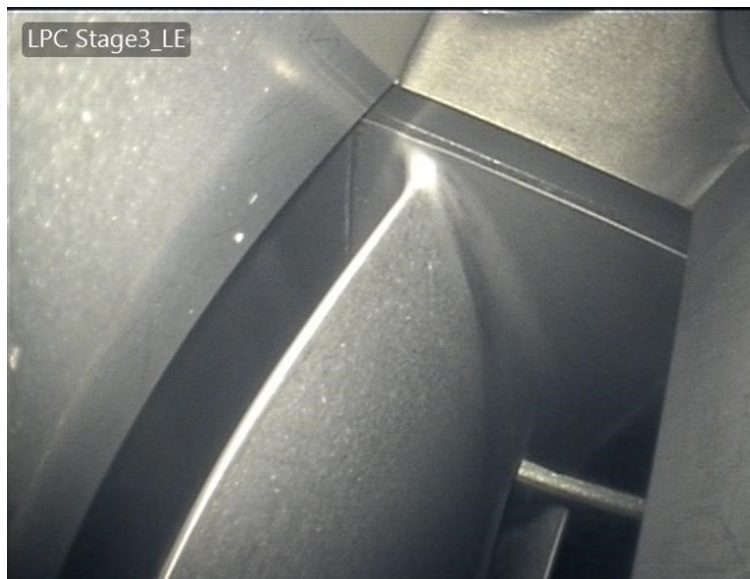
lpc_stage2_te002.jpg

Section	LPC
Stage	Stage2_TE
Defect	NO DEFECT - SERVICEABLE
Comments:	



lpc_stage3_le001.jpg

Section	LPC
Stage	Stage3_LE
Defect	NO DEFECT - SERVICEABLE
Comments:	



lpc_stage3_le002.jpg

Section	LPC
Stage	Stage3_LE
Defect	NO DEFECT - SERVICEABLE
Comments:	



lpc_stage3_te001.jpg

Section	LPC
Stage	Stage3_TE
Defect	NO DEFECT - SERVICEABLE
Comments:	



lpc_stage3_te002.jpg

Section	LPC
Stage	Stage3_TE
Defect	NO DEFECT - SERVICEABLE
Comments:	



lpc_stage4_le001.jpg

Section	LPC
Stage	Stage4_LE
Defect	NO DEFECT - SERVICEABLE
Comments:	



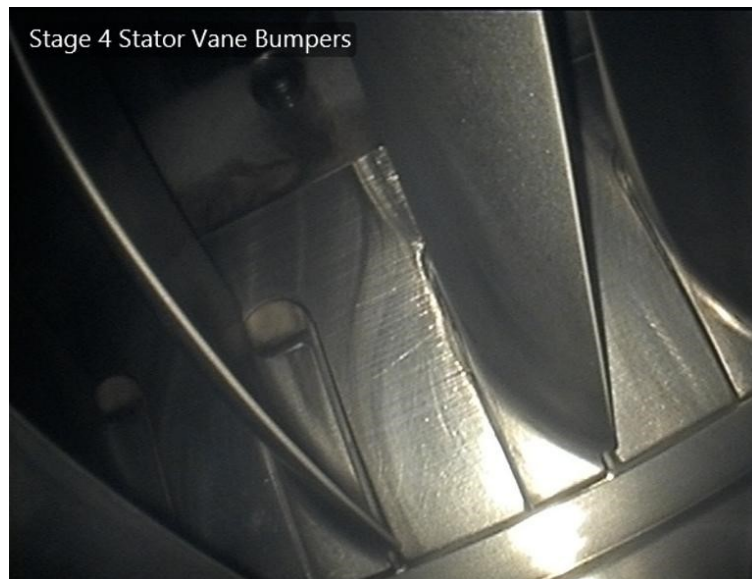
lpc_stage4_le002.jpg

Section	LPC
Stage	Stage4_LE
Defect	NO DEFECT - SERVICEABLE
Comments:	



stage_4_stator_vane_bumpers001.jpg

Section	LPC
Stage	Stage 4 Stator Vane Bumpers
Defect	NO DEFECT - SERVICEABLE
Comments:	



stage_4_stator_vane_bumpers002.jpg

Section	LPC
Stage	Stage 4 Stator Vane Bumpers
Defect	NO DEFECT - SERVICEABLE
Comments:	



High Pressure Compressor

Inspection area: All comments will be made at picture blocks, and detail data section of report.

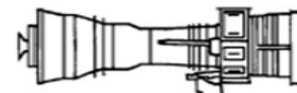
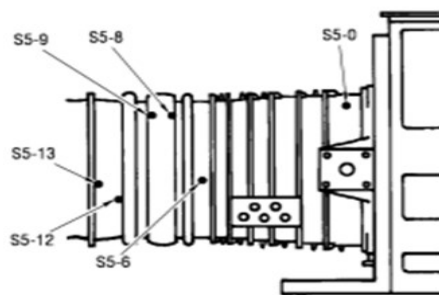
Inspect Stages 1 through 14 blades for cracks, nicks, tears, burrs, dent, missing material, evidence of tip clang, curl, or deformation.

Inspect Stage 1 Carboloy Mid-Spans for wear, shingling, gaps, or missing pads.

Inspect for erosion, corrosion, or deposits.

Inspect for platform shingling, bowing, distortion or cracks.

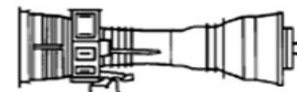
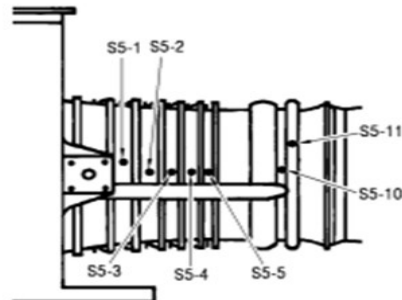
VIEW A
HIGH-BOSS CASE



SEE VIEW A



VIEW B
HIGH BOSS CASE

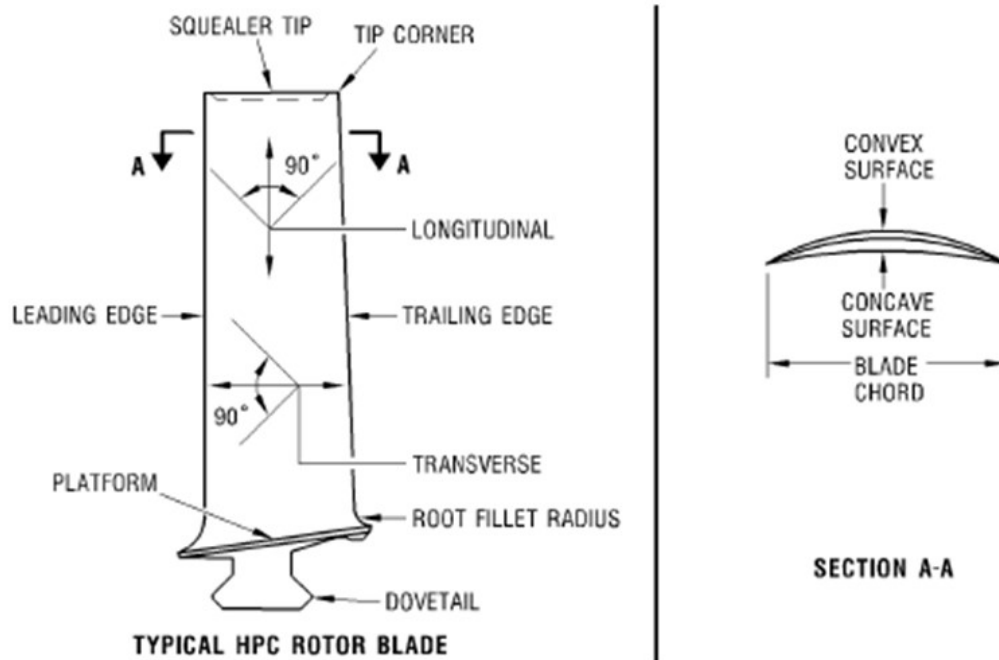


SEE VIEW B



1145858-01-A2A

Figure 7. HPC Borescope Ports



11

Figure 9. HPC Rotor Blade Inspection

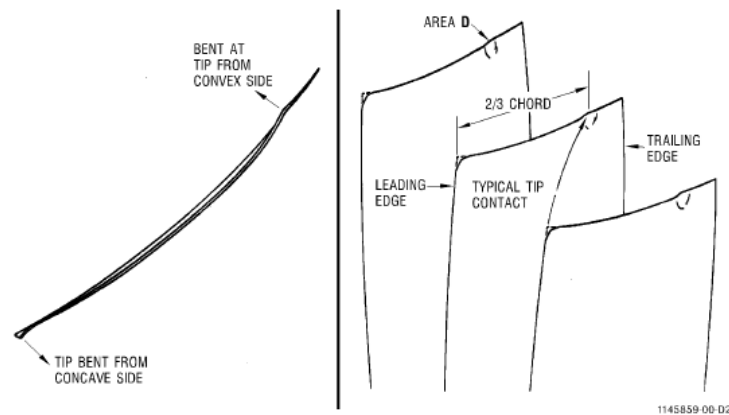


Figure 8. HPC Rotor Blade Tip Clang Inspection

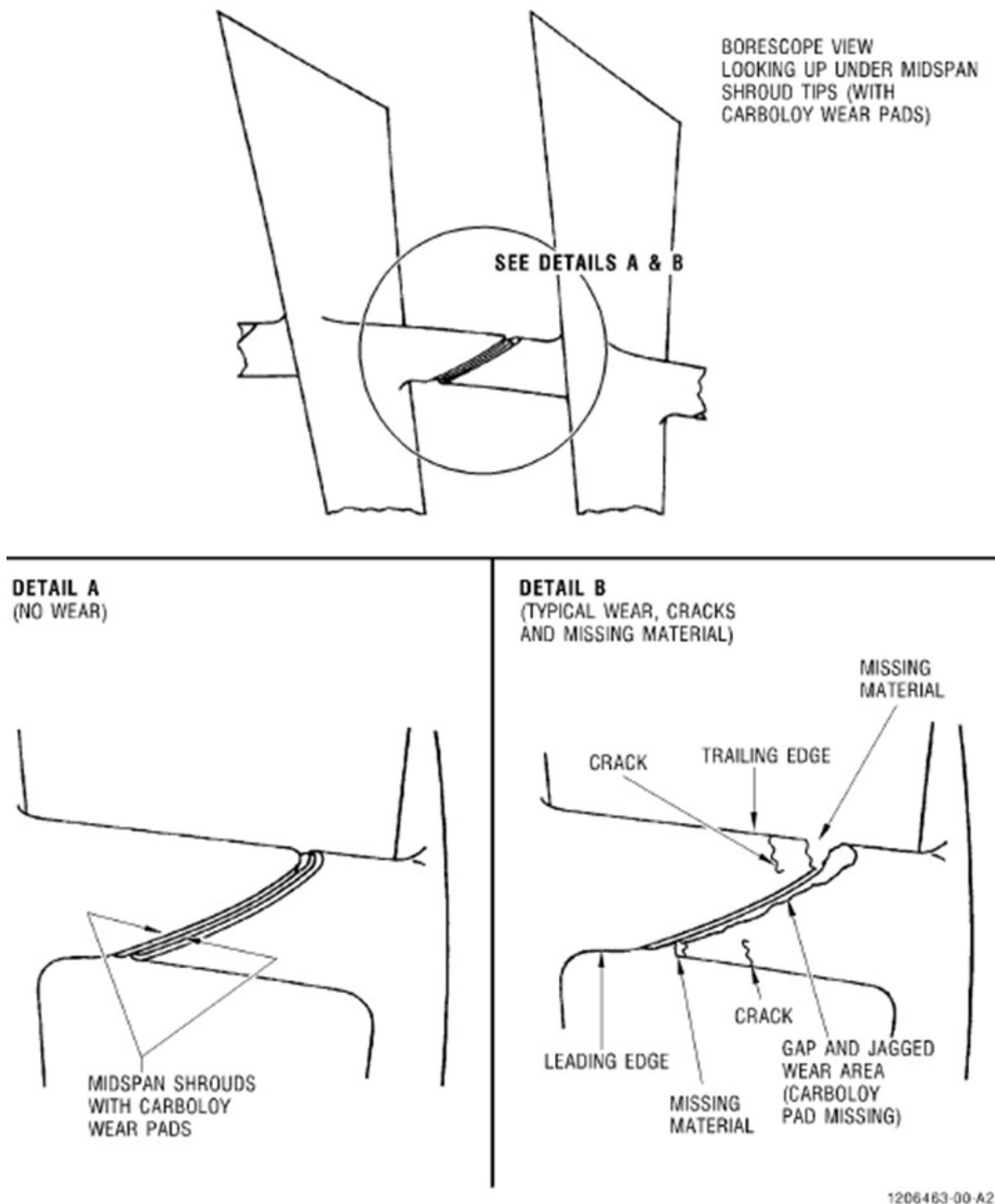
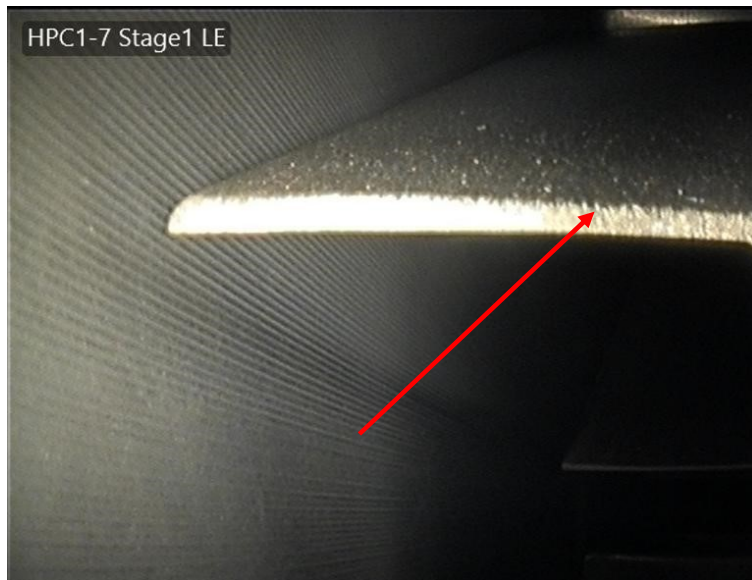
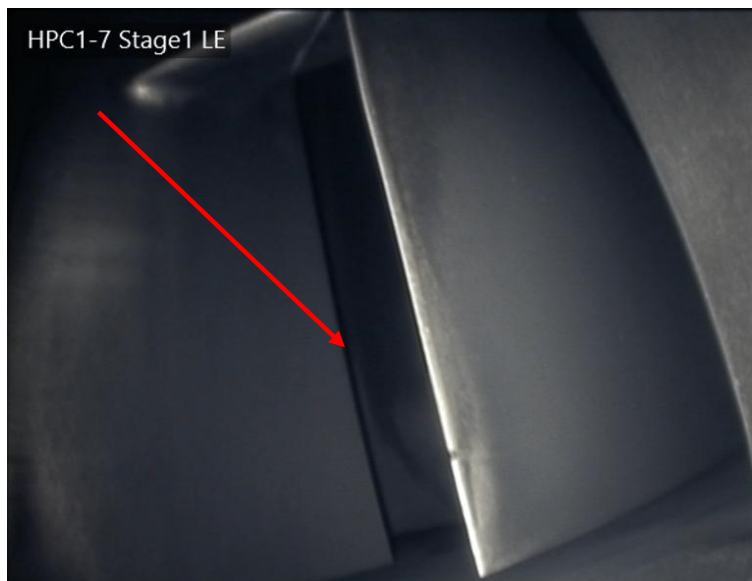


Figure 10. HPC Rotor Stage 1 Blade Midspan Shroud

**HPC1-7**

hpc1-7_stage1_le002.jpg

Section	HPC1-7
Stage	Stage1
Component	LE
Defect	NICK
Comments:	



hpc1-7_stage1_le001.jpg

Section	HPC1-7
Stage	Stage1
Component	LE
Defect	NICK
Comments:	



hpc1-7_stage1_le005.jpg

Section	HPC1-7
Stage	Stage1
Component	LE
Defect	NO DEFECT - SERVICEABLE
Comments:	



hpc1-7_stage1_le004.jpg

Section	HPC1-7
Stage	Stage1
Component	LE
Defect	NO DEFECT - SERVICEABLE
Comments:	



hpc1-7_stage1_te002.jpg

Section	HPC1-7
Stage	Stage1
Component	TE
Defect	NO DEFECT - SERVICEABLE
Comments:	



hpc1-7_stage1_te001.jpg

Section	HPC1-7
Stage	Stage1
Component	TE
Defect	NO DEFECT - SERVICEABLE
Comments:	



hpc1-7_stage1_carbwearpad001.jpg

Section	HPC1-7
Stage	Stage1
Component	CarbWearPad/Mid Span Damper
Defect	NO DEFECT - SERVICEABLE
Comments:	



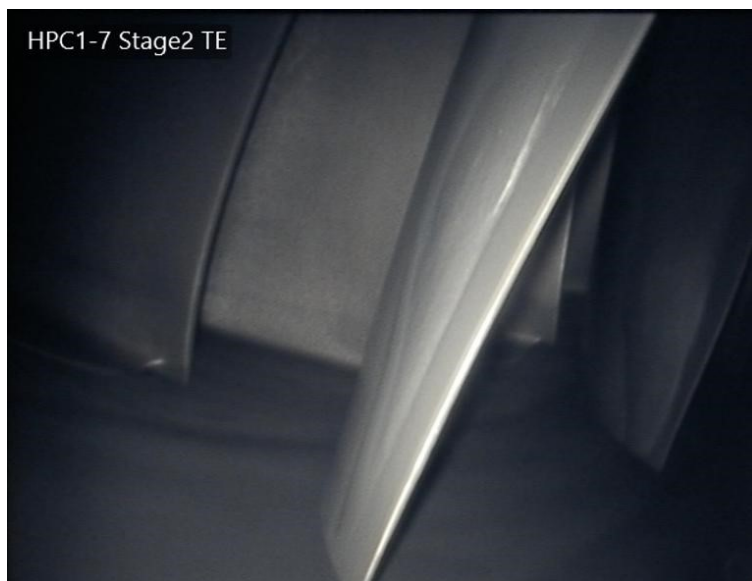
weep_hole001.jpg

Section	HPC1-7
Stage	Stage1
Component	Weep Hole
Defect	NO DEFECT - SERVICEABLE
Comments:	



hpc1-7_stage2_le002.jpg

Section	HPC1-7
Stage	Stage2
Component	LE
Defect	NO DEFECT - SERVICEABLE
Comments:	



hpc1-7_stage2_te001.jpg

Section	HPC1-7
Stage	Stage2
Component	TE
Defect	NO DEFECT - SERVICEABLE
Comments:	



hpc1-7_stage2_te002.jpg

Section	HPC1-7
Stage	Stage2
Component	TE
Defect	NO DEFECT - SERVICEABLE
Comments:	



hpc1-7_stage3_le001.jpg

Section	HPC1-7
Stage	Stage3
Component	LE
Defect	NO DEFECT - SERVICEABLE
Comments:	



hpc1-7_stage3_le002.jpg

Section	HPC1-7
Stage	Stage3
Component	LE
Defect	NO DEFECT - SERVICEABLE
Comments:	



hpc1-7_stage3_te001.jpg

Section	HPC1-7
Stage	Stage3
Component	TE
Defect	NO DEFECT - SERVICEABLE
Comments:	



hpc1-7_stage3_te002.jpg

Section	HPC1-7
Stage	Stage3
Component	TE
Defect	NO DEFECT - SERVICEABLE
Comments:	



hpc1-7_stage4_le001.jpg

Section	HPC1-7
Stage	Stage4
Component	LE
Defect	NO DEFECT - SERVICEABLE
Comments:	



hpc1-7_stage4_le002.jpg

Section	HPC1-7
Stage	Stage4
Component	LE
Defect	NO DEFECT - SERVICEABLE
Comments:	



hpc1-7_stage4_te001.jpg

Section	HPC1-7
Stage	Stage4
Component	TE
Defect	BURN
Comments:	



hpc1-7_stage4_te002.jpg

Section	HPC1-7
Stage	Stage4
Component	TE
Defect	NO DEFECT - SERVICEABLE
Comments:	



hpc1-7_stage5_le002.jpg

Section	HPC1-7
Stage	Stage5
Component	LE
Defect	NO DEFECT - SERVICEABLE
Comments:	



hpc1-7_stage5_le001.jpg

Section	HPC1-7
Stage	Stage5
Component	LE
Defect	NO DEFECT - SERVICEABLE
Comments:	



hpc1-7_stage5_te002.jpg

Section	HPC1-7
Stage	Stage5
Component	TE
Defect	NO DEFECT - SERVICEABLE
Comments:	



hpc1-7_stage5_te001.jpg

Section	HPC1-7
Stage	Stage5
Component	TE
Defect	NO DEFECT - SERVICEABLE
Comments:	



hpc1-7_stage6_le001.jpg

Section	HPC1-7
Stage	Stage6
Component	LE
Defect	NO DEFECT - SERVICEABLE
Comments:	



hpc1-7_stage6_le002.jpg

Section	HPC1-7
Stage	Stage6
Component	LE
Defect	NO DEFECT - SERVICEABLE
Comments:	



hpc1-7_stage6_te002.jpg

Section	HPC1-7
Stage	Stage6
Component	TE
Defect	NO DEFECT - SERVICEABLE
Comments:	



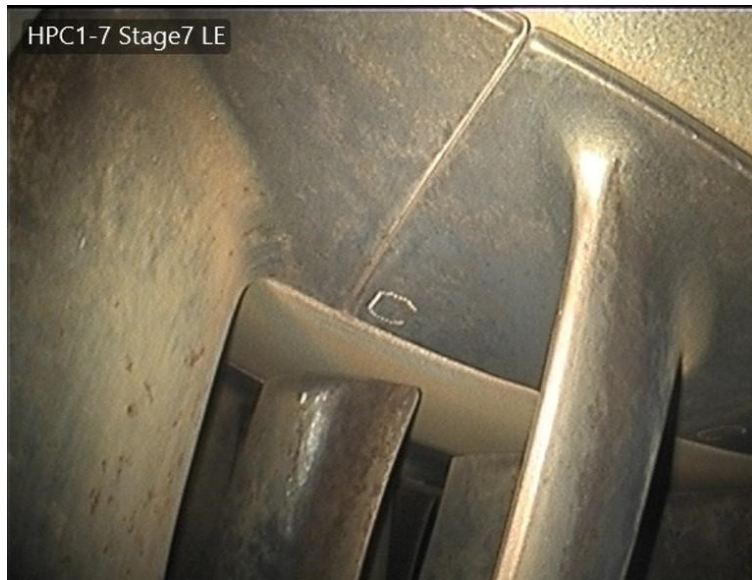
hpc1-7_stage6_te001.jpg

Section	HPC1-7
Stage	Stage6
Component	TE
Defect	NO DEFECT - SERVICEABLE
Comments:	



hpc1-7_stage7_le001.jpg

Section	HPC1-7
Stage	Stage7
Component	LE
Defect	NO DEFECT - SERVICEABLE
Comments:	



hpc1-7_stage7_le002.jpg

Section	HPC1-7
Stage	Stage7
Component	LE
Defect	NO DEFECT - SERVICEABLE
Comments:	

**HPC8-14**

hpc8-14_stage10_te002.jpg

Section	HPC8-14
Stage	Stage10
Component	TE
Defect	NO DEFECT - SERVICEABLE
Comments:	



hpc8-14_stage10_te001.jpg

Section	HPC8-14
Stage	Stage10
Component	TE
Defect	NO DEFECT - SERVICEABLE
Comments:	



hpc8-14_stage11_le001.jpg

Section	HPC8-14
Stage	Stage11
Component	LE
Defect	NO DEFECT - SERVICEABLE
Comments:	



hpc8-14_stage11_le002.jpg

Section	HPC8-14
Stage	Stage11
Component	LE
Defect	NO DEFECT - SERVICEABLE
Comments:	



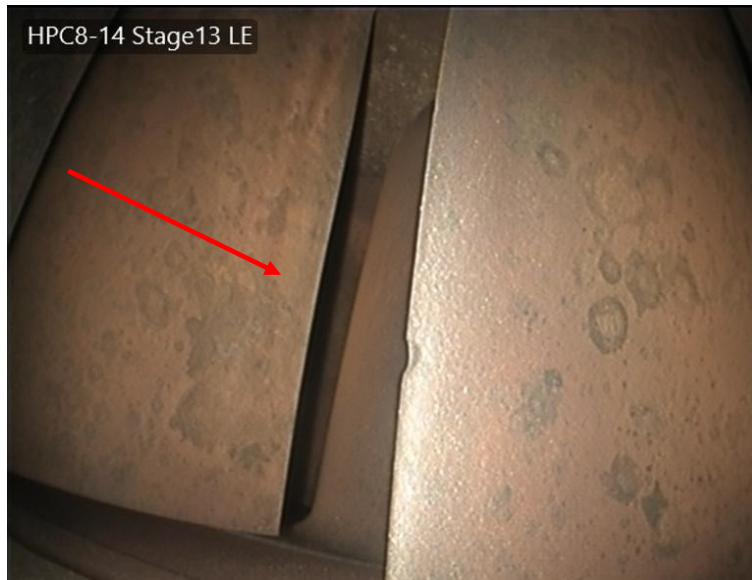
hpc8-14_stage12_te001.jpg

Section	HPC8-14
Stage	Stage12
Component	TE
Defect	NO DEFECT - SERVICEABLE
Comments:	



hpc8-14_stage12_te002.jpg

Section	HPC8-14
Stage	Stage12
Component	TE
Defect	NO DEFECT - SERVICEABLE
Comments:	



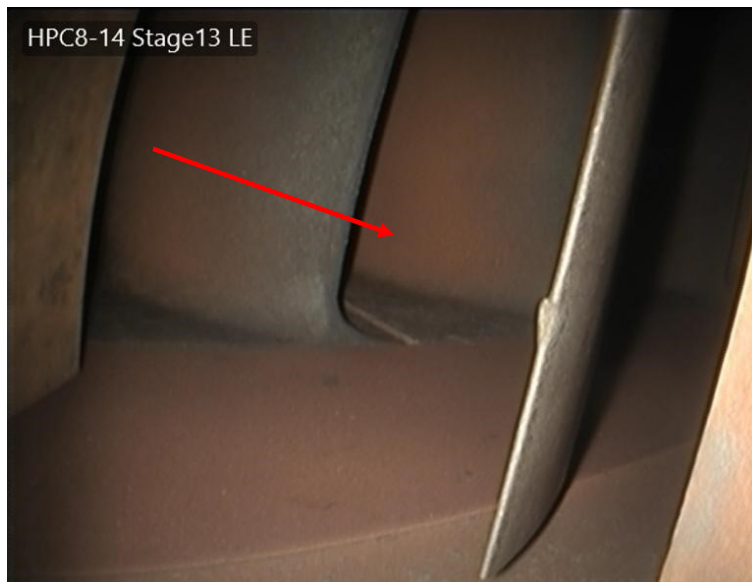
hpc8-14_stage13_le001.jpg

Section	HPC8-14
Stage	Stage13
Component	LE
Defect	NICK
Comments: Also found during last BSI.	



hpc8-14_stage13_le003.jpg

Section	HPC8-14
Stage	Stage13
Component	LE
Defect	NO DEFECT - SERVICEABLE
Comments:	



hpc8-14_stage13_le002.jpg

Section	HPC8-14
Stage	Stage13
Component	LE
Defect	NICK
Comments:	



hpc8-14_stage13_le004.jpg

Section	HPC8-14
Stage	Stage13
Component	LE
Defect	NO DEFECT - SERVICEABLE
Comments:	



hpc8-14_stage13_te001.jpg

Section	HPC8-14
Stage	Stage13
Component	TE
Defect	NO DEFECT - SERVICEABLE
Comments:	



hpc8-14_stage13_te002.jpg

Section	HPC8-14
Stage	Stage13
Component	TE
Defect	NO DEFECT - SERVICEABLE
Comments:	



hpc8-14_stage14_le001.jpg

Section	HPC8-14
Stage	Stage14
Component	LE
Defect	NO DEFECT - SERVICEABLE
Comments:	



hpc8-14_stage14_le002.jpg

Section	HPC8-14
Stage	Stage14
Component	LE
Defect	NO DEFECT - SERVICEABLE
Comments:	



ogvs002.jpg

Section	HPC8-14
Stage	Stage14
Component	OGVs
Defect	NO DEFECT - SERVICEABLE
Comments:	



ogvs001.jpg

Section	HPC8-14
Stage	Stage14
Component	OGVs
Defect	NO DEFECT - SERVICEABLE
Comments:	



ogvs003.jpg

Section	HPC8-14
Stage	Stage14
Component	OGVs
Defect	NO DEFECT - SERVICEABLE
Comments:	



Combustor

Inspection area: All comments will be made at picture blocks, and detail data section of report.

Inspect Combustor and Stage 1 Nozzle LE from CRF BSI ports S6-1 to S6-6 for burning, cracks, erosion, discoloration, wear, and missing metal.

Missing TBC

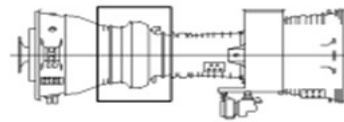
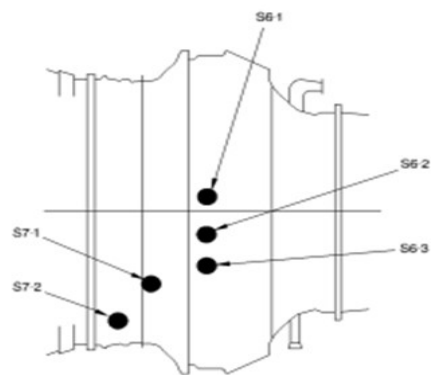
Heat Shield and Wing Areas

Inner and Outer Panels

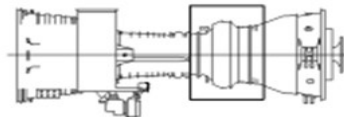
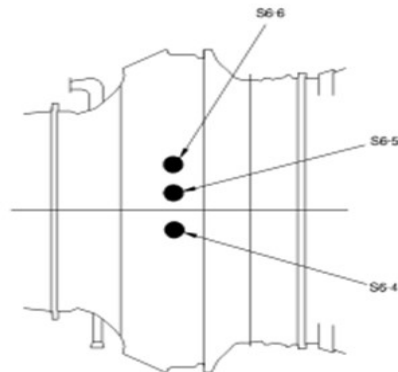
Fuel Nozzle Areas – Shroud, Center Body, Swirler Vane

Igniter Tube Area

RIGHT SIDE



LEFT SIDE



1145862-00-A2A

Figure 12. Combustion Chamber and HPT Borescope Ports



Figure 13. Combustion Chamber Inspection



Figure 14. Combustion Chamber Dome Assembly Inspection



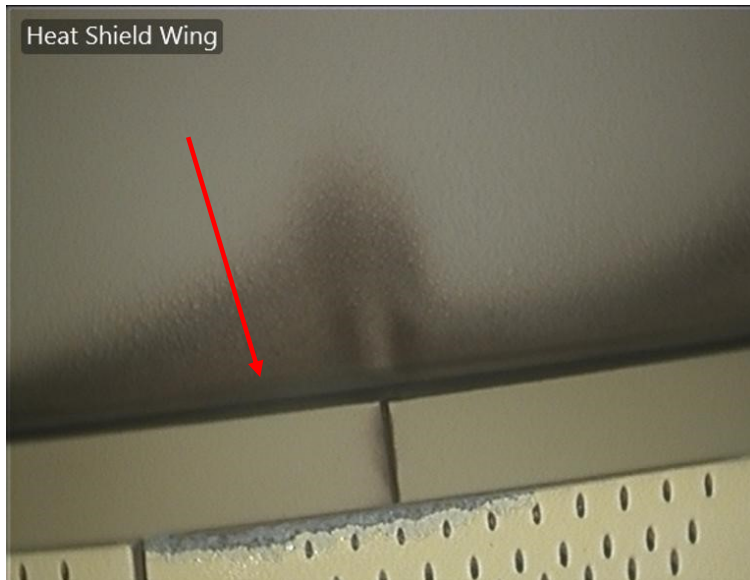
heat_shield_wing002.jpg

Section	Comb
Stage	Heat Shield Wing
Defect	TBC LOSS
Comments: TBC missing.	



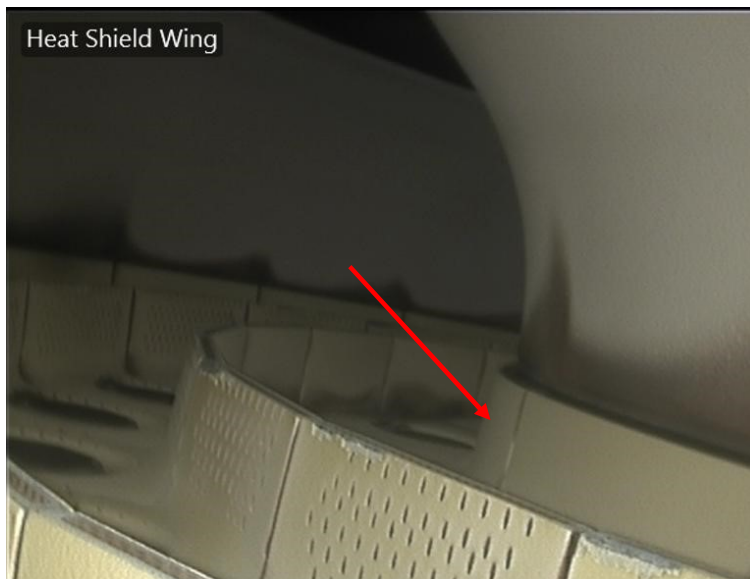
heat_shield_wing001.jpg

Section	Comb
Stage	Heat Shield Wing
Defect	TBC LOSS
Comments: TBC missing.	



heat_shield_wing003.jpg

Section	Comb
Stage	Heat Shield Wing
Defect	TBC LOSS
Comments: TBC missing.	



heat_shield_wing004.jpg

Section	Comb
Stage	Heat Shield Wing
Defect	TBC LOSS
Comments: TBC missing.	



heat_shield_face001.jpg

Section	Comb
Stage	Heat Shield Face
Defect	TBC LOSS
Comments: TBC missing.	



combustor_general001.jpg

Section	Comb
Stage	Combustor General
Defect	NO DEFECT - SERVICEABLE
Comments:	



combustor_general004.jpg

Section	Comb
Stage	Combustor General
Defect	NO DEFECT - SERVICEABLE
Comments:	



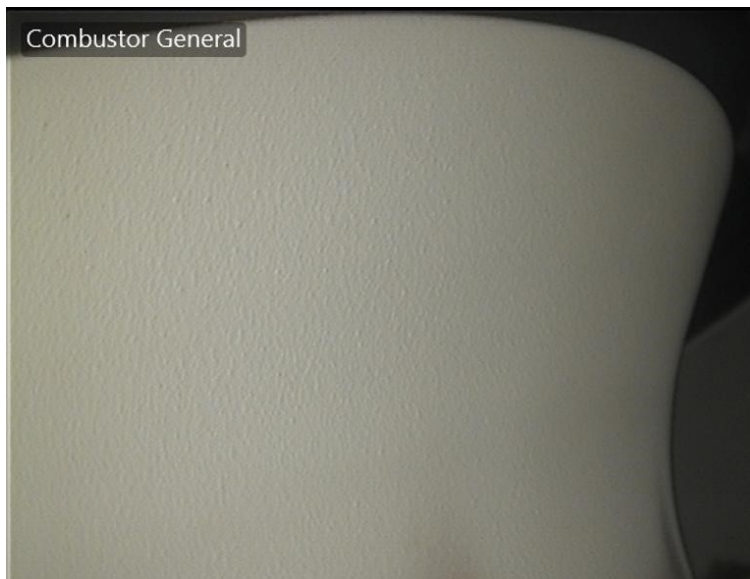
combustor_general002.jpg

Section	Comb
Stage	Combustor General
Defect	NO DEFECT - SERVICEABLE
Comments:	



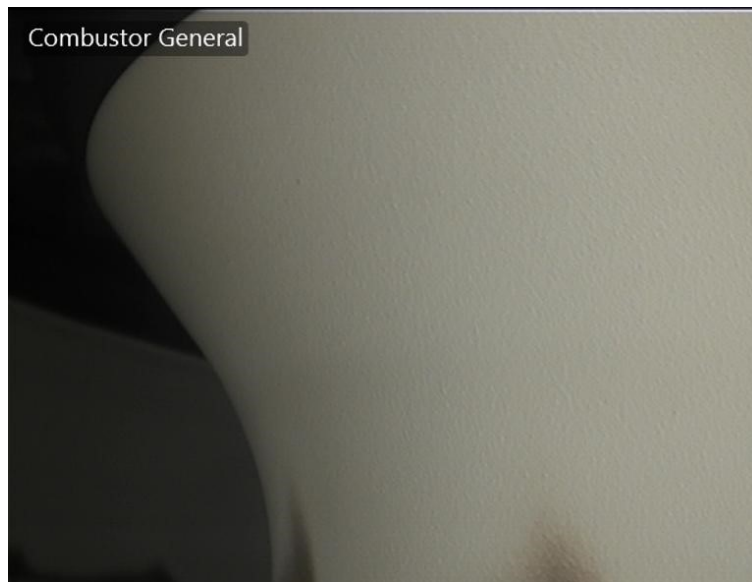
combustor_general003.jpg

Section	Comb
Stage	Combustor General
Defect	NO DEFECT - SERVICEABLE
Comments:	



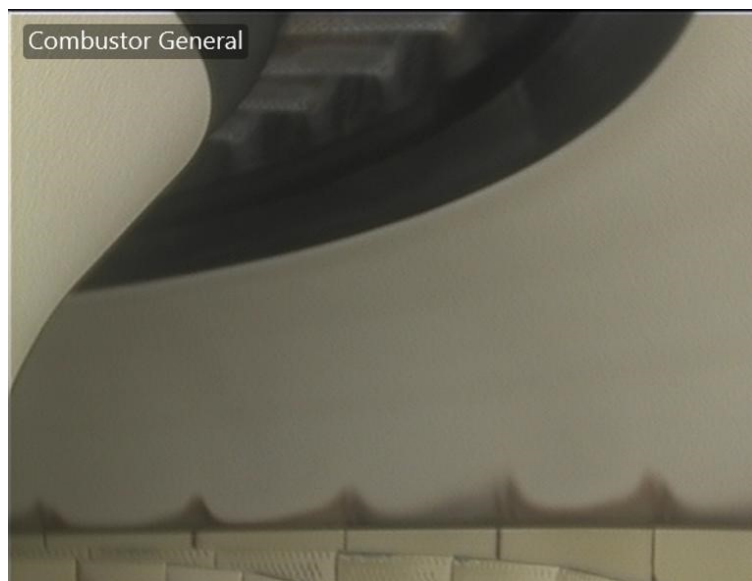
combustor_general006.jpg

Section	Comb
Stage	Combustor General
Defect	NO DEFECT - SERVICEABLE
Comments:	



combustor_general005.jpg

Section	Comb
Stage	Combustor General
Defect	NO DEFECT - SERVICEABLE
Comments:	



combustor_general007.jpg

Section	Comb
Stage	Combustor General
Defect	NO DEFECT - SERVICEABLE
Comments:	



Fuel Nozzles

Inspection Area: All comments will be made at picture blocks, and detail/data section of report.

All surfaces for discoloration, or carbon buildup.

Swirler Vanes, Shroud area for cracks.

Shroud Areas for oxidation

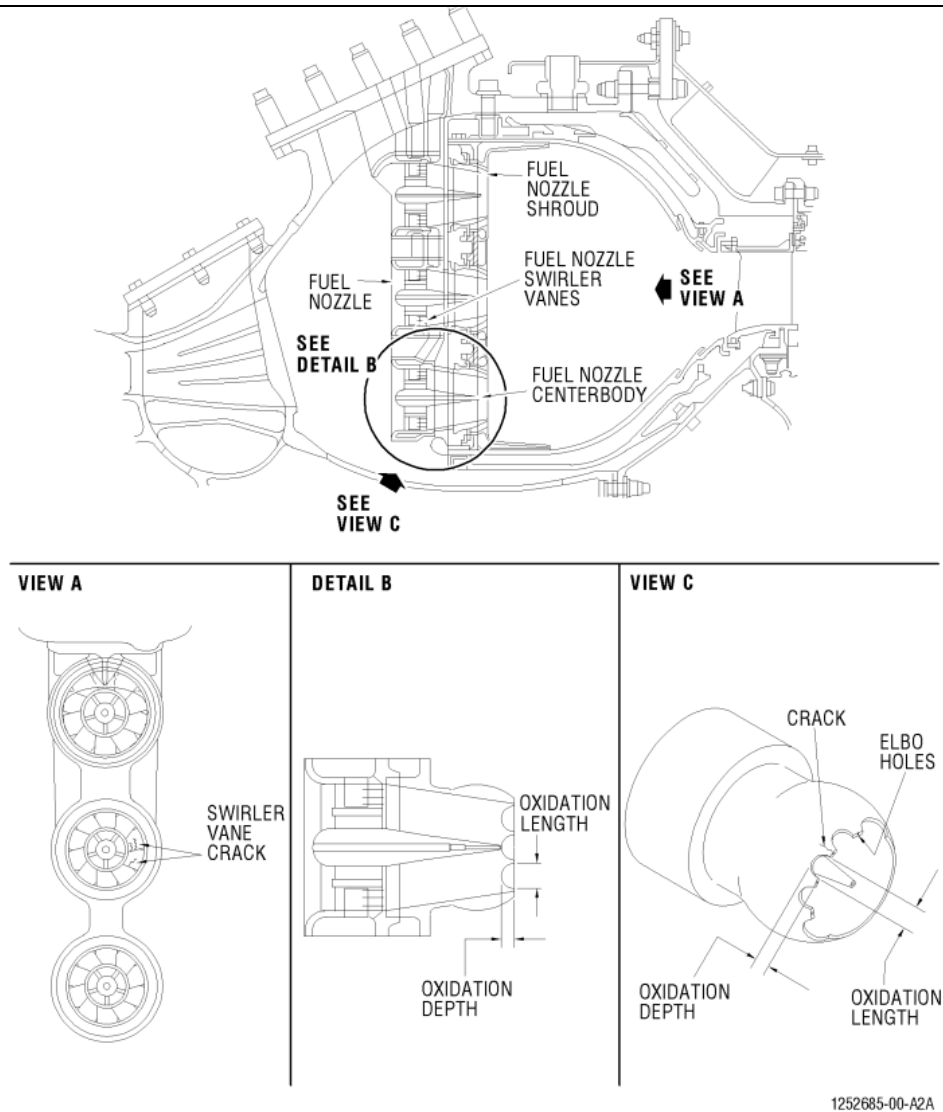
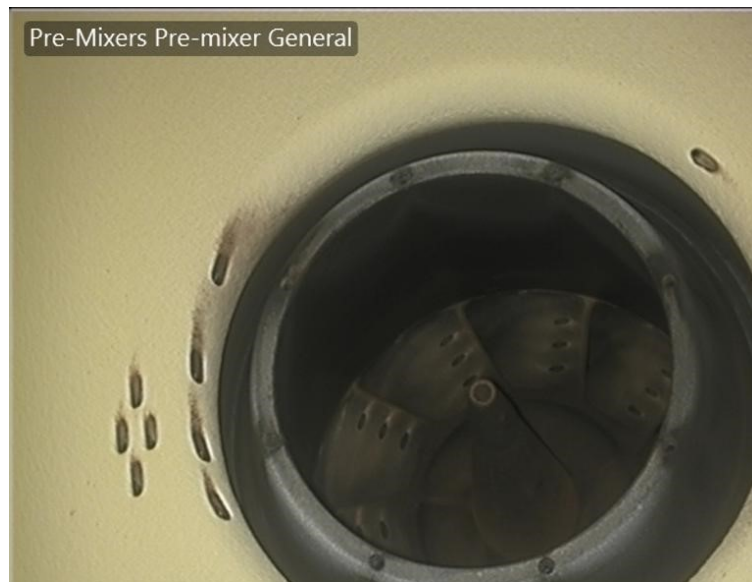


Figure 21. Fuel Nozzle Inspection



pre-mixers_pre-mixer_general001.jpg

Section	Pre-Mixers
Stage	Pre-mixer General
Defect	NO DEFECT - SERVICEABLE
Comments:	



pre-mixers_pre-mixer_general002.jpg

Section	Pre-Mixers
Stage	Pre-mixer General
Defect	NO DEFECT - SERVICEABLE
Comments:	



pre-mixers_pre-mixer_general003.jpg

Section	Pre-Mixers
Stage	Pre-mixer General
Defect	NO DEFECT - SERVICEABLE
Comments:	



High Pressure Turbine Components

HPT Stage 1 Nozzle

Inspection Area: All comments will be made at picture blocks and Detail Section of report.
Inspect Stage 1 Nozzle L/E from CRF BSI port S6-1 to S6-6 or from Ignitor Plug ports
Leading / Trailing edges for burns, cracks, erosion, or missing material.
Concave and convex airfoils for burns, cracks, erosion, or missing material.
Inner and Outer platforms for burns, cracks, erosion, or missing material.
Thermal Barrier Coating (TBC) loss.
Limited view on all HPT Stage 1 Nozzle areas.

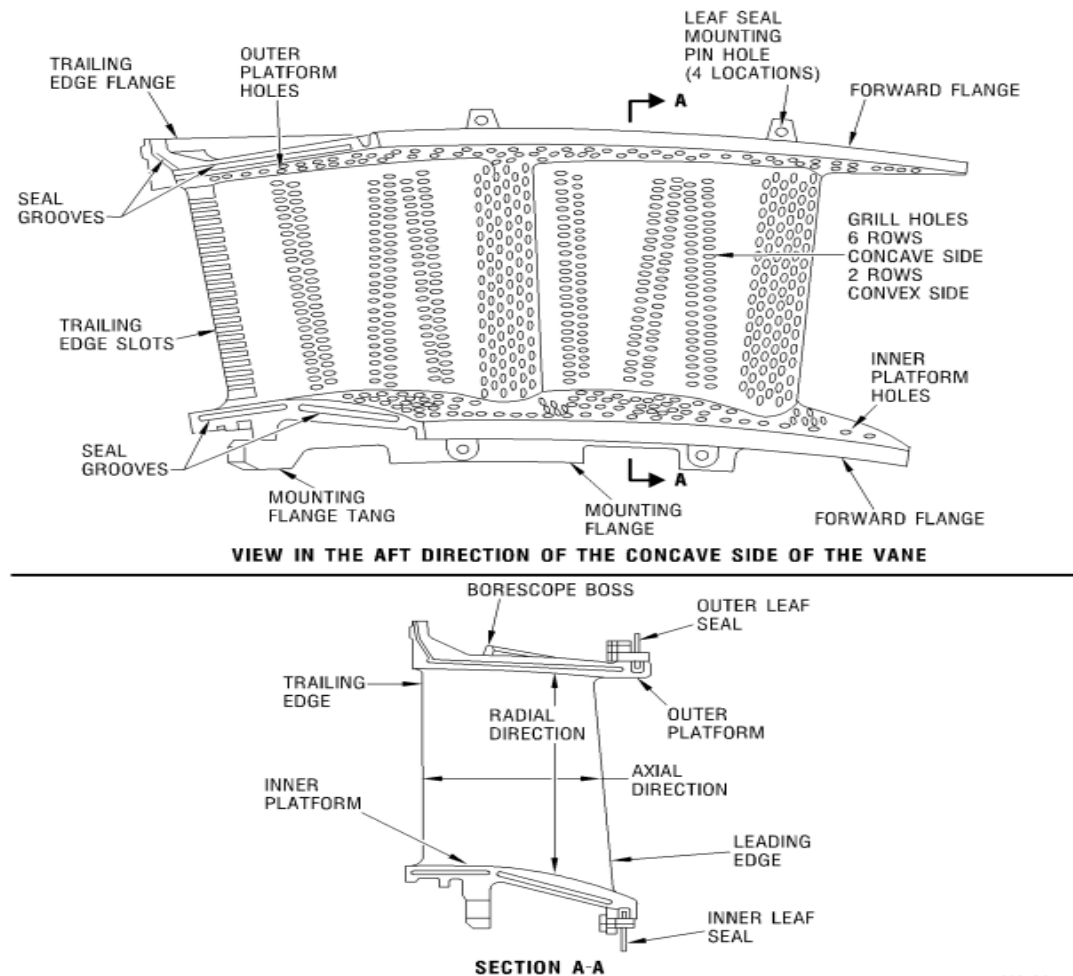
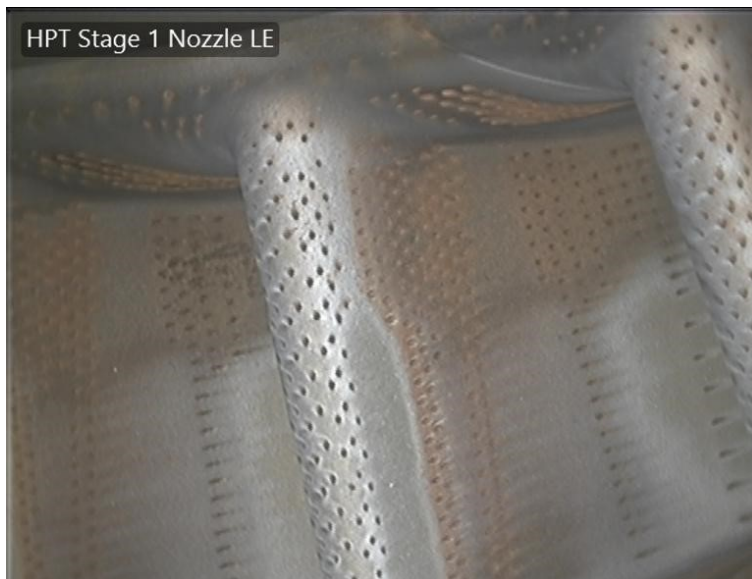


Figure 22. HPT Stage 1 Nozzle Inspection



hpt_stage_1_nozzle_le001.jpg

Section	HPT
Stage	Stage 1 Nozzle
Component	LE
Defect	NO DEFECT - SERVICEABLE
Comments:	



hpt_stage_1_nozzle_le002.jpg

Section	HPT
Stage	Stage 1 Nozzle
Component	LE
Defect	NO DEFECT - SERVICEABLE
Comments:	



hpt_stage_1_nozzle_le004.jpg

Section	HPT
Stage	Stage 1 Nozzle
Component	LE
Defect	NO DEFECT - SERVICEABLE
Comments:	



hpt_stage_1_nozzle_le003.jpg

Section	HPT
Stage	Stage 1 Nozzle
Component	LE
Defect	NO DEFECT - SERVICEABLE
Comments:	



hpt_stage_1_nozzle_le005.jpg

Section	HPT
Stage	Stage 1 Nozzle
Component	LE
Defect	NO DEFECT - SERVICEABLE
Comments:	



hpt_stage_1_nozzle_te002.jpg

Section	HPT
Stage	Stage 1 Nozzle
Component	TE
Defect	Erosion
Comments:	
Erosion.	



hpt_stage_1_nozzle_te001.jpg

Section	HPT
Stage	Stage 1 Nozzle
Component	TE
Defect	EROSION
Comments: Erosion.	



hpt_stage_1_nozzle_te003.jpg

Section	HPT
Stage	Stage 1 Nozzle
Component	TE
Defect	EROSION
Comments: Erosion.	



hpt_stage_1_nozzle_te004.jpg

Section	HPT
Stage	Stage 1 Nozzle
Component	TE
Defect	EROSION
Comments:	
Erosion.	



hpt_stage_1_nozzle_te005.jpg

Section	HPT
Stage	Stage 1 Nozzle
Component	TE
Defect	EROSION
Comments:	
Erosion.	



hpt_stage_1_nozzle_te007.jpg

Section	HPT
Stage	Stage 1 Nozzle
Component	TE
Defect	EROSION
Comments:	
Erosion.	



hpt_stage_1_nozzle_te006.jpg

Section	HPT
Stage	Stage 1 Nozzle
Component	TE
Defect	EROSION
Comments:	
Erosion.	



hpt_stage_1_nozzle_te009.jpg

Section	HPT
Stage	Stage 1 Nozzle
Component	TE
Defect	EROSION
Comments: Erosion.	



hpt_stage_1_nozzle_te008.jpg

Section	HPT
Stage	Stage 1 Nozzle
Component	TE
Defect	EROSION
Comments: Erosion.	



hpt_stage_1_nozzle_te010.jpg

Section	HPT
Stage	Stage 1 Nozzle
Component	TE
Defect	EROSION
Comments: Erosion.	



hpt_stage_1_nozzle_te011.jpg

Section	HPT
Stage	Stage 1 Nozzle
Component	TE
Defect	EROSION
Comments: Erosion.	



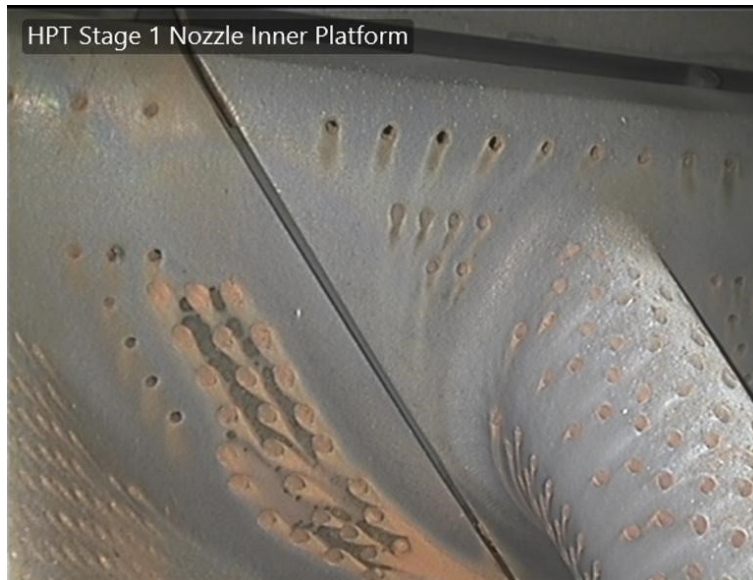
hpt_stage_1_nozzle_te012.jpg

Section	HPT
Stage	Stage 1 Nozzle
Component	TE
Defect	NO DEFECT - SERVICEABLE
Comments:	



hpt_stage_1_nozzle_te013.jpg

Section	HPT
Stage	Stage 1 Nozzle
Component	TE
Defect	NO DEFECT - SERVICEABLE
Comments:	



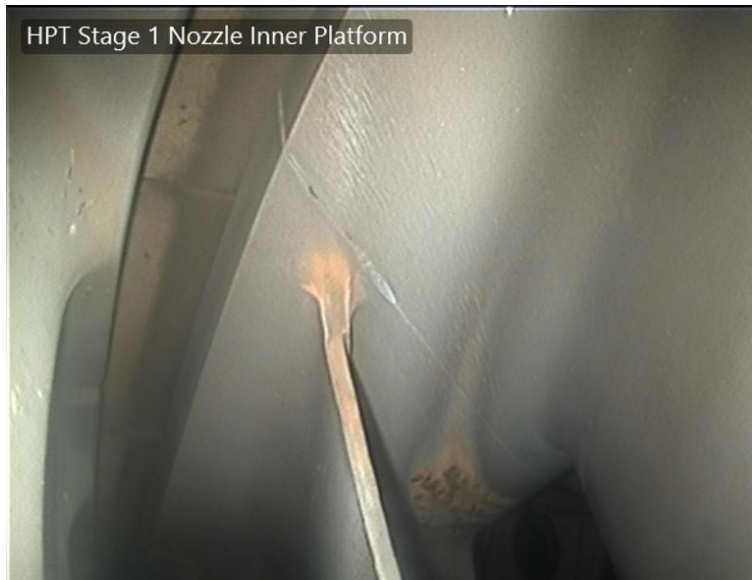
hpt_stage_1_nozzle_inner_platform001.jpg

Section	HPT
Stage	Stage 1 Nozzle
Component	Inner Platform
Defect	NO DEFECT - SERVICEABLE
Comments:	



hpt_stage_1_nozzle_inner_platform002.jpg

Section	HPT
Stage	Stage 1 Nozzle
Component	Inner Platform
Defect	NO DEFECT - SERVICEABLE
Comments:	



hpt_stage_1_nozzle_inner_platform003.jpg

Section	HPT
Stage	Stage 1 Nozzle
Component	Inner Platform
Defect	NO DEFECT - SERVICEABLE
Comments:	



hpt_stage_1_nozzle_outer_platform001.jpg

Section	HPT
Stage	Stage 1 Nozzle
Component	Outer Platform
Defect	CRACK
Comments:	
Crack at borescope port hole (also found at last BSI)	



hpt_stage_1_nozzle_outer_platform002.jpg

Section	HPT
Stage	Stage 1 Nozzle
Component	Outer Platform
Defect	NO DEFECT - SERVICEABLE
Comments:	



hpt_stage_1_nozzle_outer_platform003.jpg

Section	HPT
Stage	Stage 1 Nozzle
Component	Outer Platform
Defect	NO DEFECT - SERVICEABLE
Comments:	



HPT Stage 1 Blade

Inspection Area: All comments will be made at picture blocks and Detail Section of report.
Inspect this area thru HPT BSI Port S7-1 for leading edge, and S7-2 for trailing edge.
Leading edge concave and convex area for impacts, cracks, dents, holes, or missing material.
Leading edge for clogged cooling holes air passages.
Leading edge for erosion and coating penetration (blue or green areas) and TBC loss.
Trailing edge for impacts, cracks, dents, erosion, or missing material.
Blade tips for cracks, dents, erosion, missing material, or TBC loss.
Blade platforms for oxidation/corrosion of parent metal.
HPT S1 Shroud for cracks, erosion/oxidation or rubs.
HPT 7-1 Borescope Plug inspection.

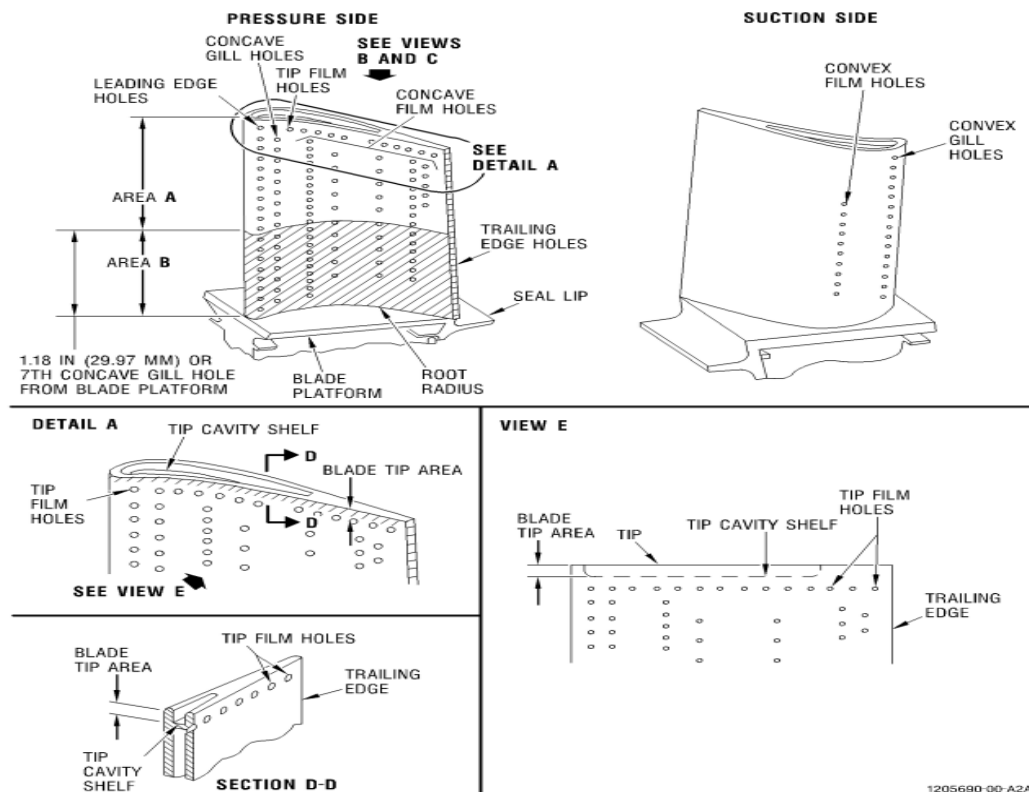
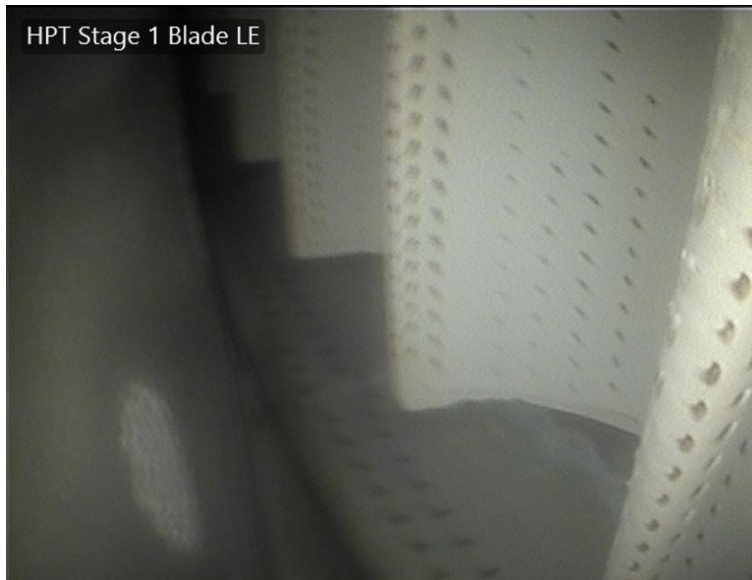


Figure 25. HPT Stage 1 Rotor Blade Inspection (Sheet 1 of 3)



hpt_stage_1_blade_le001.jpg

Section	HPT
Stage	Stage 1 Blade
Component	LE
Defect	NO DEFECT - SERVICEABLE
Comments:	



hpt_stage_1_blade_le003.jpg

Section	HPT
Stage	Stage 1 Blade
Component	LE
Defect	TBC LOSS
Comments:	
TBS missing.	



hpt_stage_1_blade_le002.jpg

Section	HPT
Stage	Stage 1 Blade
Component	LE
Defect	TBC LOSS
Comments: TBS missing.	



hpt_stage_1_blade_le004.jpg

Section	HPT
Stage	Stage 1 Blade
Component	LE
Defect	TBC LOSS
Comments: TBS missing.	



hpt_stage_1_blade_le005.jpg

Section	HPT
Stage	Stage 1 Blade
Component	LE
Defect	TBC LOSS
Comments: TBS missing.	



hpt_stage_1_blade_le006.jpg

Section	HPT
Stage	Stage 1 Blade
Component	LE
Defect	TBC LOSS
Comments: TBS missing.	



hpt_stage_1_blade_le008.jpg

Section	HPT
Stage	Stage 1 Blade
Component	LE
Defect	TBC LOSS
Comments: TBS missing.	



hpt_stage_1_blade_le007.jpg

Section	HPT
Stage	Stage 1 Blade
Component	LE
Defect	TBC LOSS
Comments: TBS missing.	



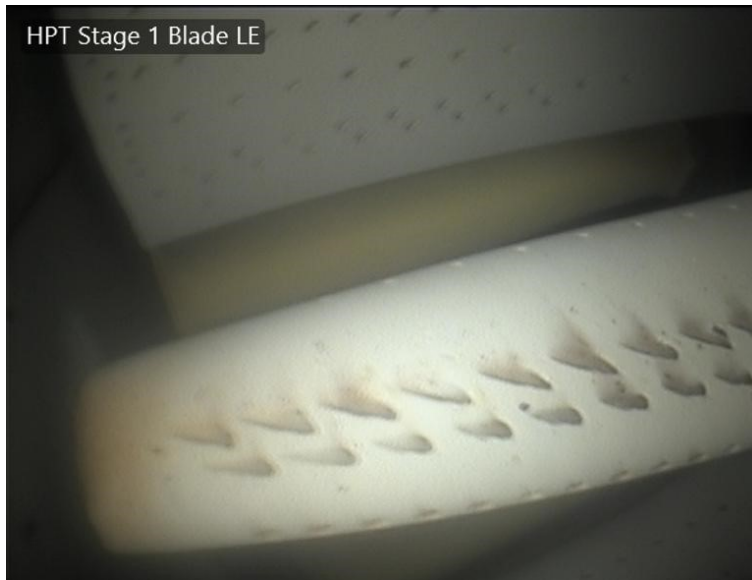
hpt_stage_1_blade_le009.jpg

Section	HPT
Stage	Stage 1 Blade
Component	LE
Defect	TBC LOSS
Comments: TBS missing.	



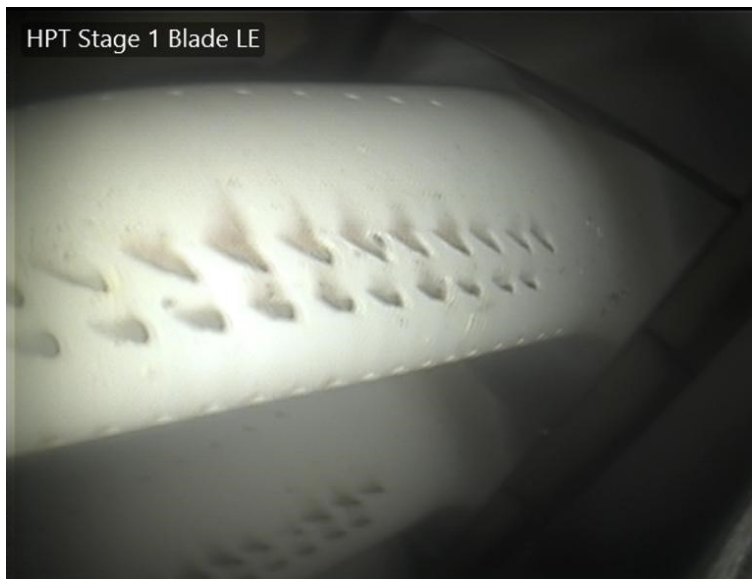
hpt_stage_1_blade_le010.jpg

Section	HPT
Stage	Stage 1 Blade
Component	LE
Defect	TBC LOSS
Comments: TBS missing.	



hpt_stage_1_blade_le011.jpg

Section	HPT
Stage	Stage 1 Blade
Component	LE
Defect	NO DEFECT - SERVICEABLE
Comments:	



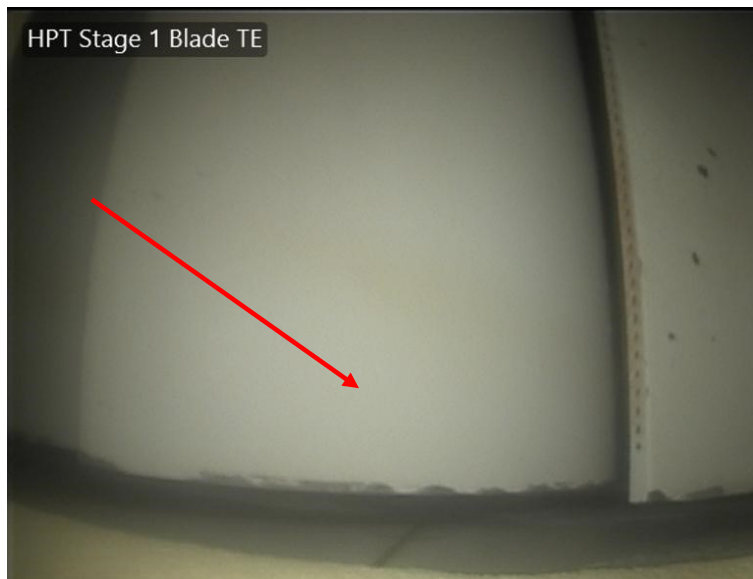
hpt_stage_1_blade_le012.jpg

Section	HPT
Stage	Stage 1 Blade
Component	LE
Defect	NO DEFECT - SERVICEABLE
Comments:	



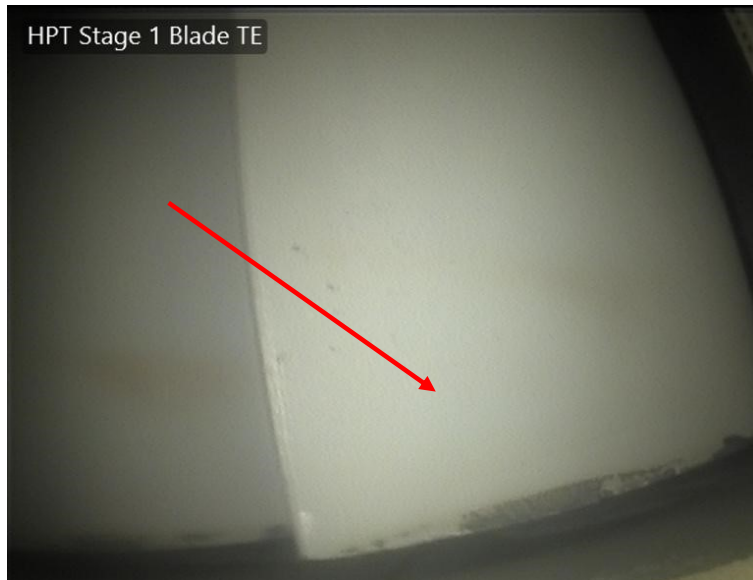
hpt_stage_1_blade_te001.jpg

Section	HPT
Stage	Stage 1 Blade
Component	TE
Defect	TBC LOSS
Comments: TBC missing.	



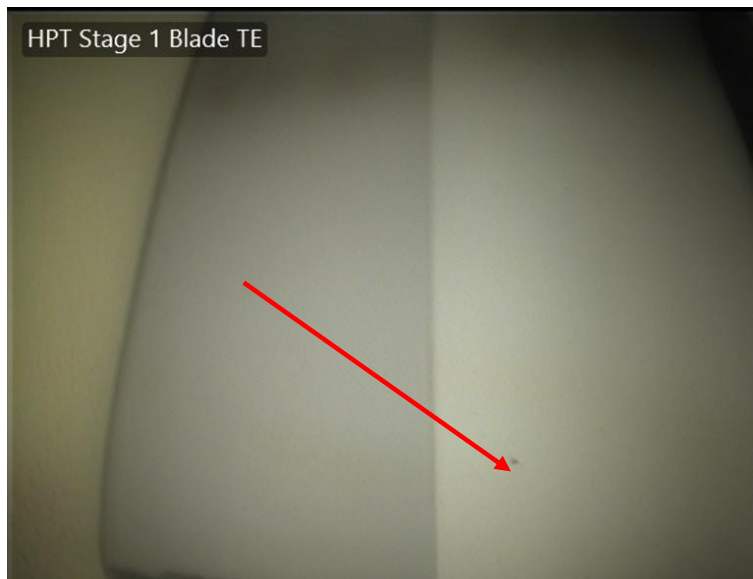
hpt_stage_1_blade_te002.jpg

Section	HPT
Stage	Stage 1 Blade
Component	TE
Defect	TBC LOSS
Comments: TBC missing.	



hpt_stage_1_blade_te003.jpg

Section	HPT
Stage	Stage 1 Blade
Component	TE
Defect	TBC LOSS
Comments: TBC missing.	



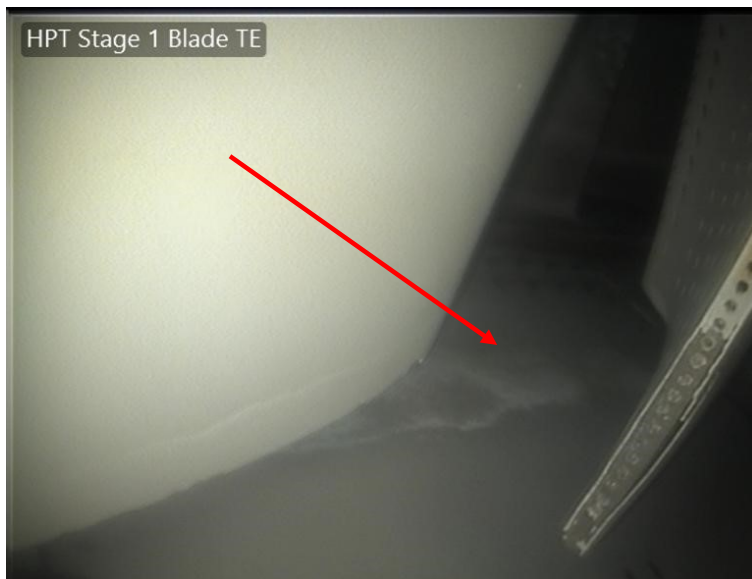
hpt_stage_1_blade_te004.jpg

Section	HPT
Stage	Stage 1 Blade
Component	TE
Defect	TBC LOSS
Comments: TBC missing.	



hpt_stage_1_blade_te005.jpg

Section	HPT
Stage	Stage 1 Blade
Component	TE
Defect	NO DEFECT - SERVICEABLE
Comments:	



hpt_stage_1_blade_te007.jpg

Section	HPT
Stage	Stage 1 Blade
Component	TE
Defect	TBC LOSS
Comments:	
TBC missing.	



hpt_stage_1_blade_te006.jpg

Section	HPT
Stage	Stage 1 Blade
Component	TE
Defect	NO DEFECT - SERVICEABLE
Comments:	



hpt_stage_1_blade_te008.jpg

Section	HPT
Stage	Stage 1 Blade
Component	TE
Defect	TBC LOSS
Comments:	
TBC missing.	



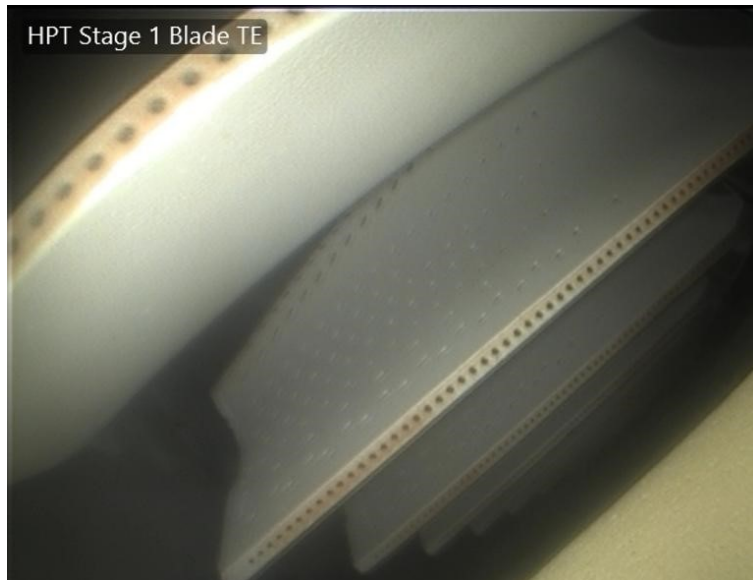
hpt_stage_1_blade_te009.jpg

Section	HPT
Stage	Stage 1 Blade
Component	TE
Defect	NO DEFECT - SERVICEABLE
Comments:	



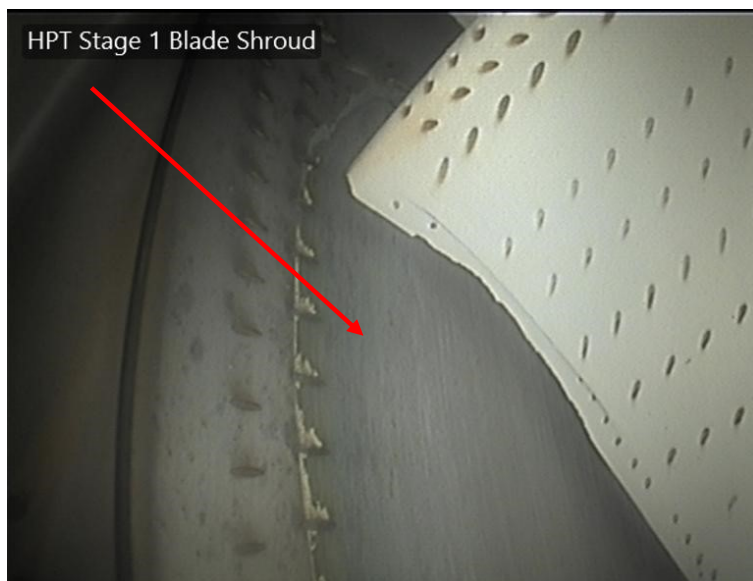
hpt_stage_1_blade_te010.jpg

Section	HPT
Stage	Stage 1 Blade
Component	TE
Defect	NO DEFECT - SERVICEABLE
Comments:	



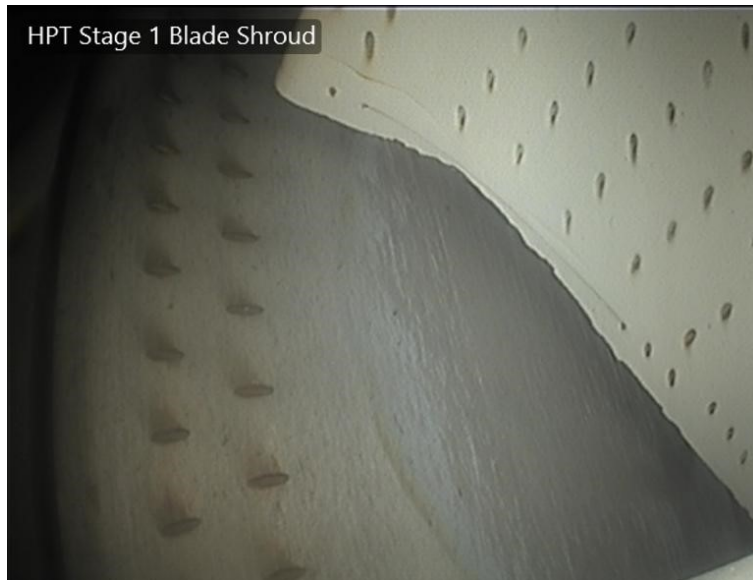
hpt_stage_1_blade_te011.jpg

Section	HPT
Stage	Stage 1 Blade
Component	TE
Defect	NO DEFECT - SERVICEABLE
Comments:	



hpt_stage_1_blade_shroud002.jpg

Section	HPT
Stage	Stage 1 Blade
Component	Shroud
Defect	RUB
Comments:	
Rubbing.	



hpt_stage_1_blade_shroud003.jpg

Section	HPT
Stage	Stage 1 Blade
Component	Shroud
Defect	RUB
Comments: Rubbing.	



hpt_stage_1_blade_shroud001.jpg

Section	HPT
Stage	Stage 1 Blade
Component	Shroud
Defect	RUB
Comments: Rubbing.	



HPT Stage 2 Nozzle

Inspection Area: All comments will be made at picture blocks and Detail Section of report.
Inspect this area thru HPT BSI Port S7-2 for leading edge/trailing edge.
Leading / Trailing edges for burns, cracks, erosion, or missing material.
Concave and Convex airfoils for burns, cracks, erosion, or missing material.
Inner and Outer platforms for burns, cracks, erosion, or missing material.
Thermal Barrier Coating (TBC) loss.
Limited view all HPT Stage 2 Nozzle areas.

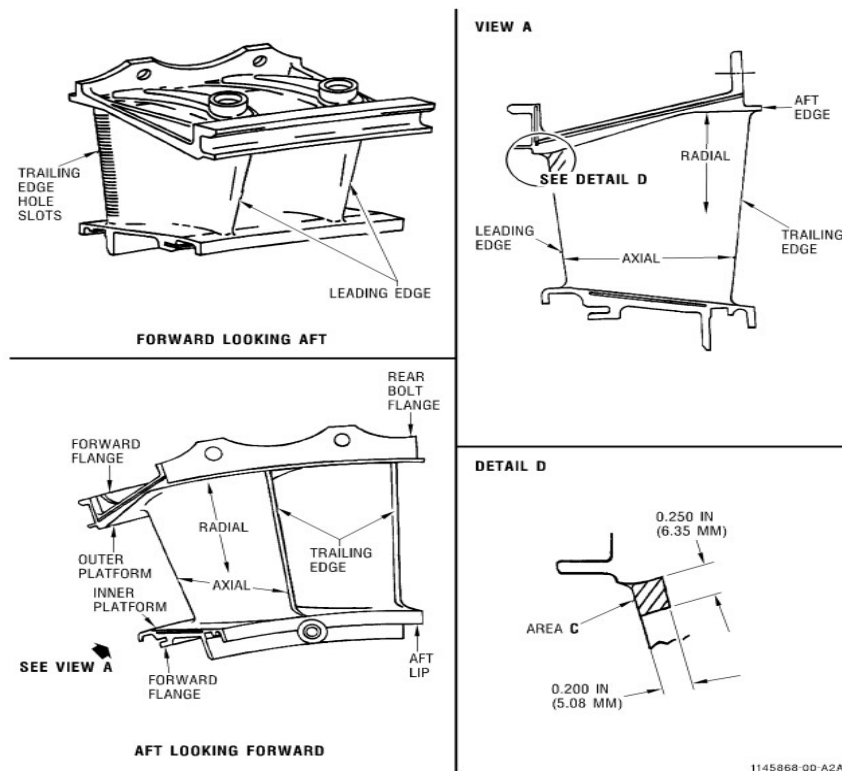
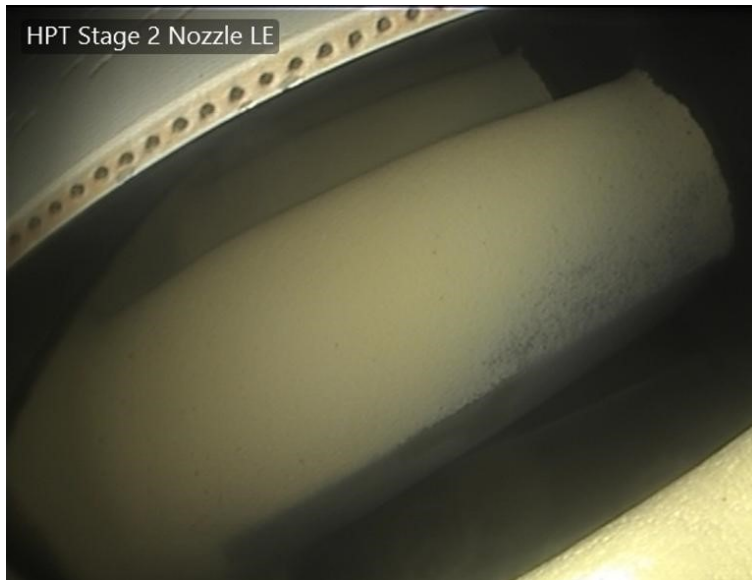


Figure 23. HPT Stage 2 Nozzle Inspection



hpt_stage_2_nozzle_le001.jpg

Section	HPT
Stage	Stage 2 Nozzle
Component	LE
Defect	NO DEFECT - SERVICEABLE
Comments:	



hpt_stage_2_nozzle_le002.jpg

Section	HPT
Stage	Stage 2 Nozzle
Component	LE
Defect	NO DEFECT - SERVICEABLE
Comments:	



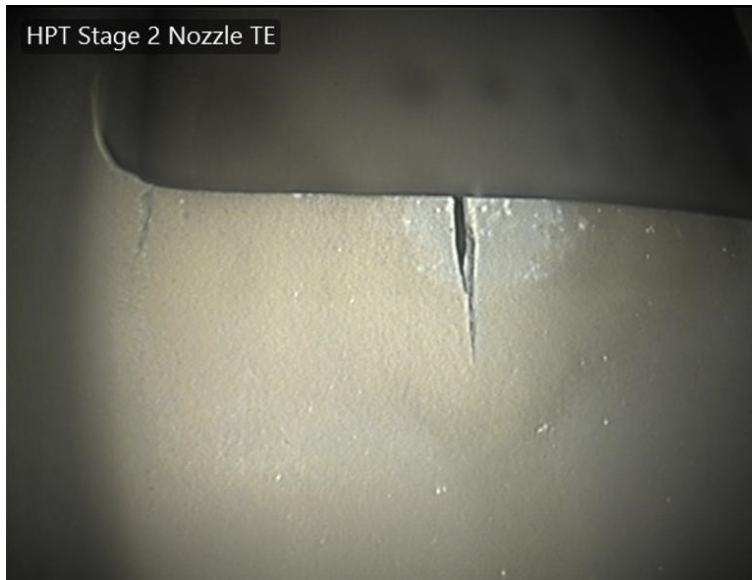
hpt_stage_2_nozzle_te001.jpg

Section	HPT
Stage	Stage 2 Nozzle
Component	TE
Defect	NO DEFECT - SERVICEABLE
Comments:	



hpt_stage_2_nozzle_te002.jpg

Section	HPT
Stage	Stage 2 Nozzle
Component	TE
Defect	NO DEFECT - SERVICEABLE
Comments:	



hpt_stage_2_nozzle_te003.jpg

Section	HPT
Stage	Stage 2 Nozzle
Component	TE
Defect	CRACK
Comments: Crack at TE, serviceable.	



hpt_stage_2_nozzle_te004.jpg

Section	HPT
Stage	Stage 2 Nozzle
Component	TE
Defect	DENT
Comments: Crack at TE, serviceable.	



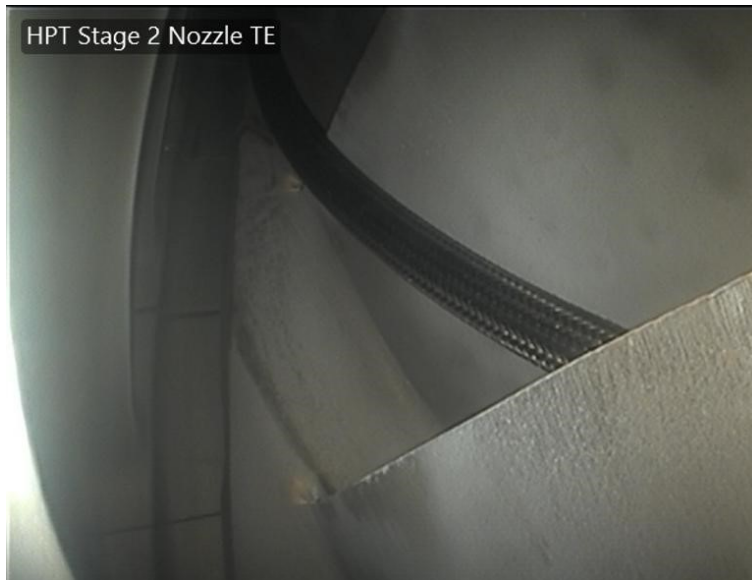
hpt_stage_2_nozzle_te007.jpg

Section	HPT
Stage	Stage 2 Nozzle
Component	TE
Defect	CRACK
Comments: Crack at TE, serviceable.	



hpt_stage_2_nozzle_te005.jpg

Section	HPT
Stage	Stage 2 Nozzle
Component	TE
Defect	CRACK
Comments: Crack at TE, serviceable.	



hpt_stage_2_nozzle_te008.jpg

Section	HPT
Stage	Stage 2 Nozzle
Component	TE
Defect	NO DEFECT - SERVICEABLE
Comments:	



hpt_stage_2_nozzle_te010.jpg

Section	HPT
Stage	Stage 2 Nozzle
Component	TE
Defect	CRACK
Comments: Crack at TE, serviceable.	



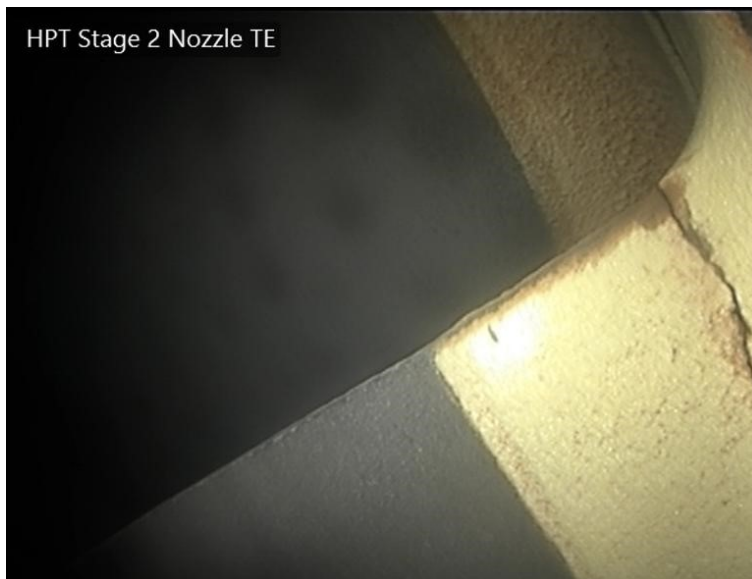
hpt_stage_2_nozzle_te011.jpg

Section	HPT
Stage	Stage 2 Nozzle
Component	TE
Defect	CRACK
Comments: Crack at TE, serviceable.	



hpt_stage_2_nozzle_te012.jpg

Section	HPT
Stage	Stage 2 Nozzle
Component	TE
Defect	CRACK
Comments:	



hpt_stage_2_nozzle_te009.jpg

Section	HPT
Stage	Stage 2 Nozzle
Component	TE
Defect	CRACK
Comments:	
Crack at TE, serviceable.	



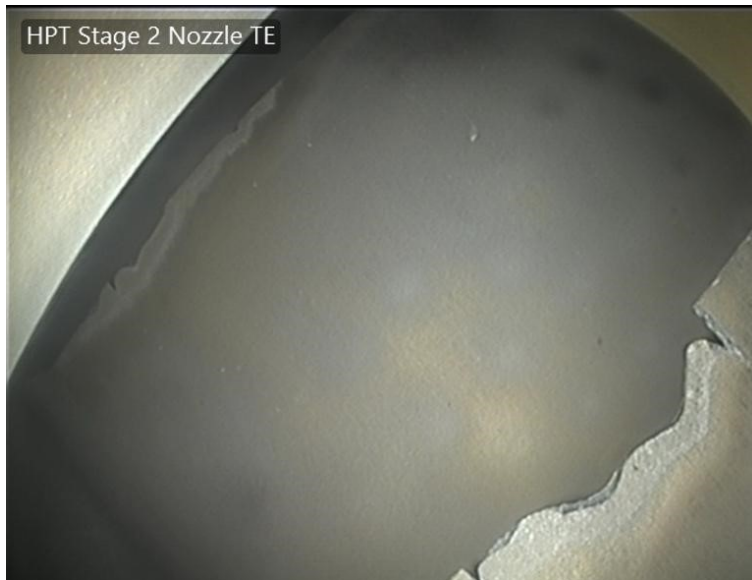
hpt_stage_2_nozzle_te013.jpg

Section	HPT
Stage	Stage 2 Nozzle
Component	TE
Defect	EROSION
Comments: Erosion and material missing, serviceable.	



hpt_stage_2_nozzle_te014.jpg

Section	HPT
Stage	Stage 2 Nozzle
Component	TE
Defect	CRACK
Comments: Erosion and material missing, serviceable.	



hpt_stage_2_nozzle_te015.jpg

Section	HPT
Stage	Stage 2 Nozzle
Component	TE
Defect	CRACK
Comments: Erosion and material missing, serviceable.	



hpt_stage_2_nozzle_te016.jpg

Section	HPT
Stage	Stage 2 Nozzle
Component	TE
Defect	CRACK
Comments: Crack, serviceable.	



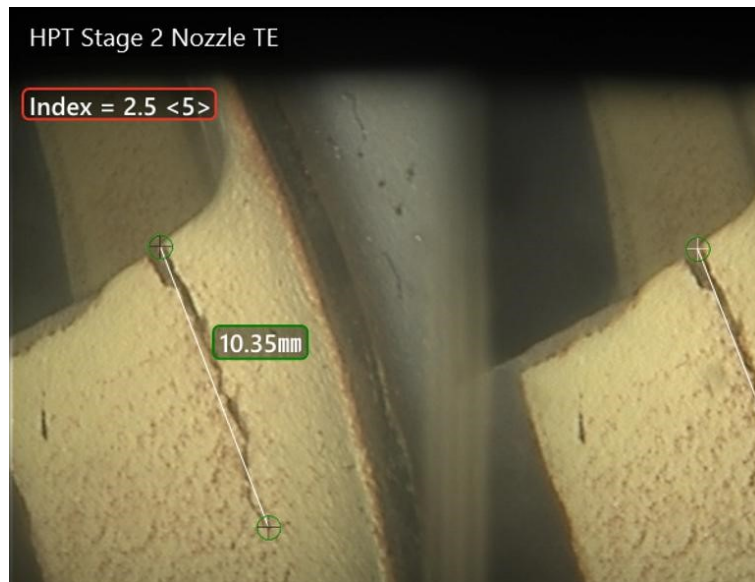
hpt_stage_2_nozzle_te017.jpg

Section	HPT
Stage	Stage 2 Nozzle
Component	TE
Defect	CRACK
Comments: Erosion and material missing, serviceable.	



hpt_stage_2_nozzle_te018.jpg

Section	HPT
Stage	Stage 2 Nozzle
Component	TE
Defect	EROSION
Comments: Erosion and material missing, serviceable.	



hpt_stage_2_nozzle_te019.jpg

Section	HPT
Stage	Stage 2 Nozzle
Component	TE
LENGTH	10.35 mm
Defect	CRACK
Comments:	



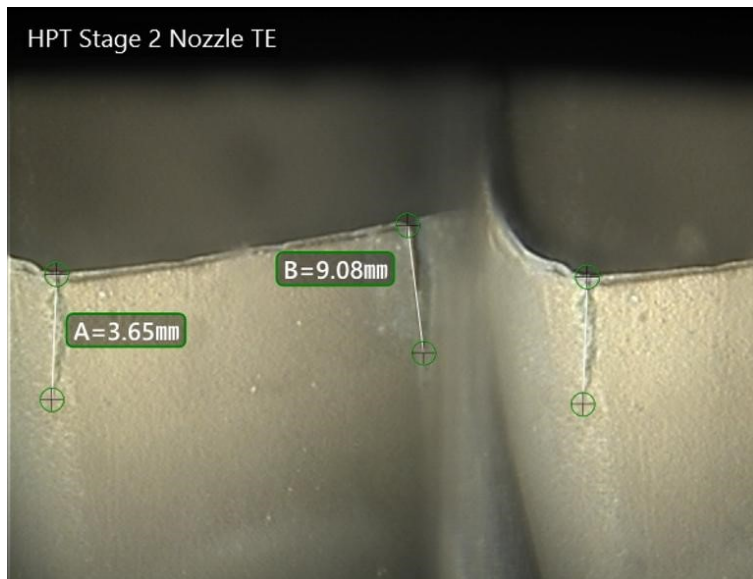
hpt_stage_2_nozzle_te020.jpg

Section	HPT
Stage	Stage 2 Nozzle
Component	TE
LENGTH	5.40 mm
Defect	CRACK
Comments:	



hpt_stage_2_nozzle_te021.jpg

Section	HPT
Stage	Stage 2 Nozzle
Component	TE
LENGTH	12.58 mm
Defect	CRACK
Comments:	



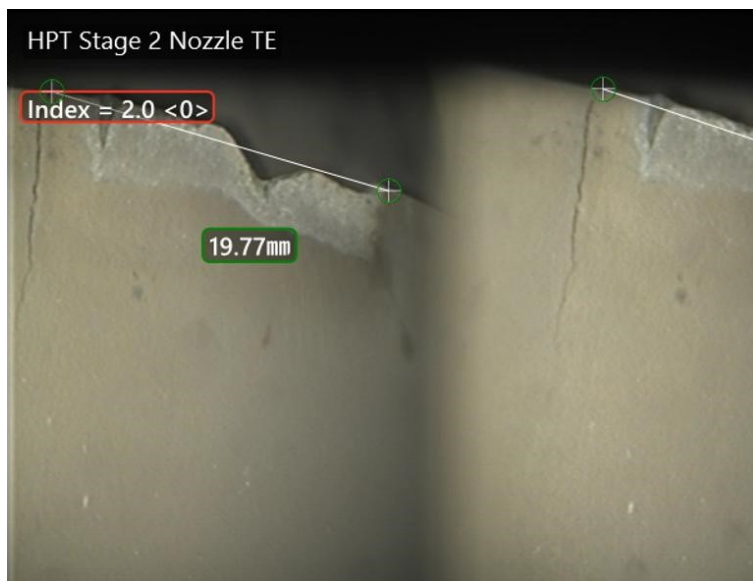
hpt_stage_2_nozzle_te022.jpg

Section	HPT
Stage	Stage 2 Nozzle
Component	TE
LENGTH	3.65 mm
LENGTH	9.08 mm
Defect	CRACK
Comments:	



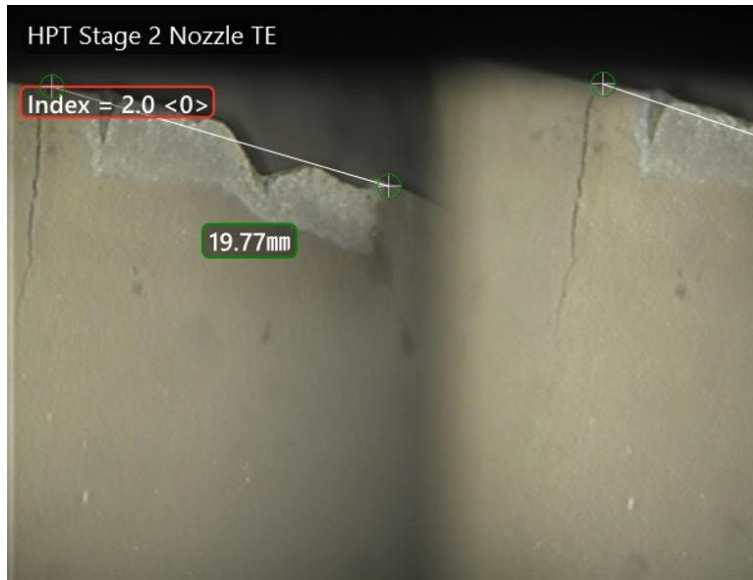
hpt_stage_2_nozzle_te023.jpg

Section	HPT
Stage	Stage 2 Nozzle
Component	TE
LENGTH	10.53 mm
Defect	CRACK
Comments:	



hpt_stage_2_nozzle_te024.jpg

Section	HPT
Stage	Stage 2 Nozzle
Component	TE
LENGTH	19.77 mm
Defect	EROSION
Comments:	



hpt_stage_2_nozzle_te025.jpg

Section	HPT
Stage	Stage 2 Nozzle
Component	TE
LENGTH	19.77 mm
Defect	EROSION
Comments:	



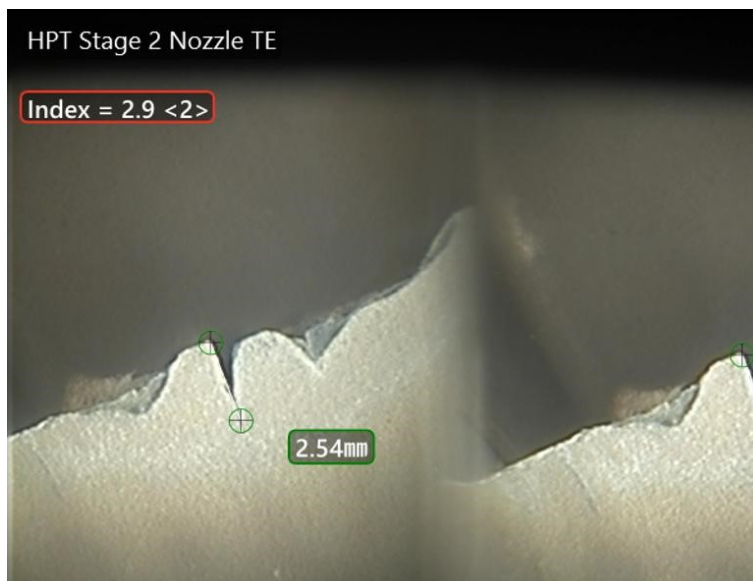
hpt_stage_2_nozzle_te027.jpg

Section	HPT
Stage	Stage 2 Nozzle
Component	TE
AREA	77.5183 sq.mm
Defect	EROSION
Comments:	



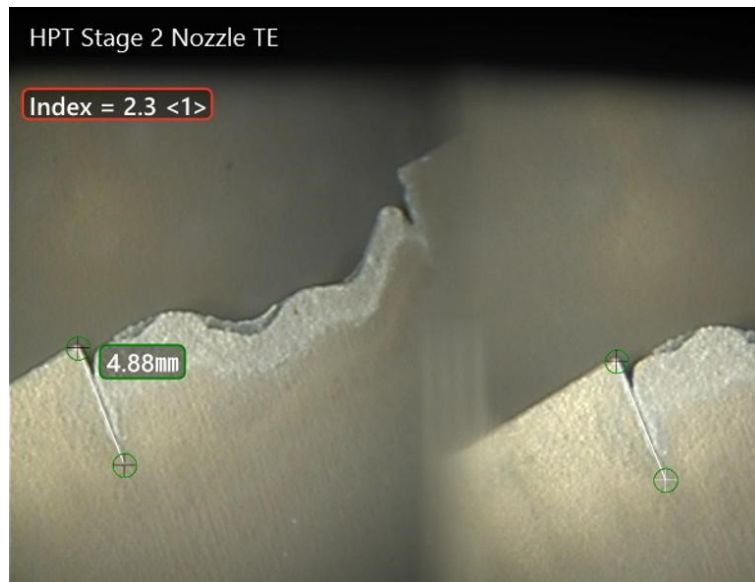
hpt_stage_2_nozzle_te026.jpg

Section	HPT
Stage	Stage 2 Nozzle
Component	TE
PT-TO-LINE	2.33 mm
Defect	EROSION
Comments:	



hpt_stage_2_nozzle_te028.jpg

Section	HPT
Stage	Stage 2 Nozzle
Component	TE
LENGTH	2.54 mm
Defect	CRACK
Comments:	



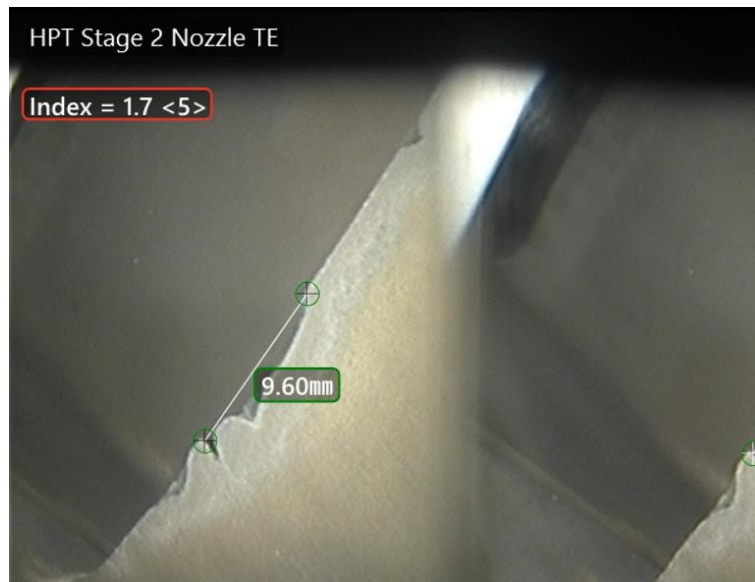
hpt_stage_2_nozzle_te030.jpg

Section	HPT
Stage	Stage 2 Nozzle
Component	TE
LENGTH	4.88 mm
Defect	CRACK
Comments:	



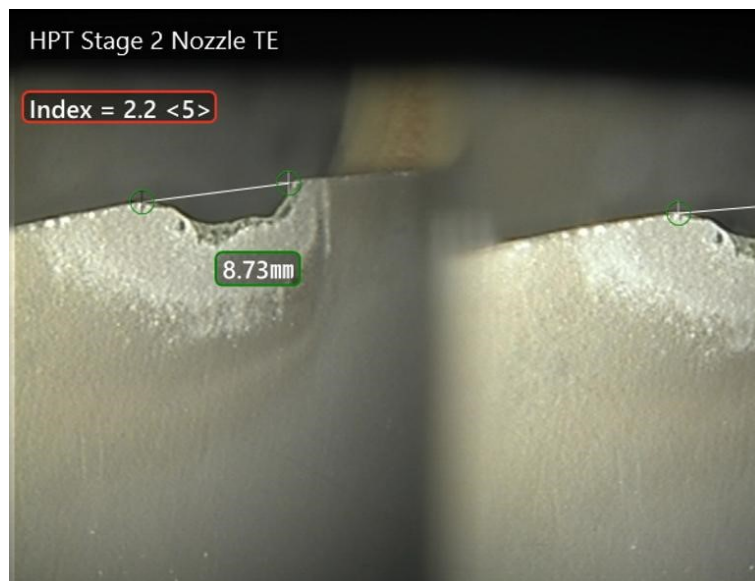
hpt_stage_2_nozzle_te031.jpg

Section	HPT
Stage	Stage 2 Nozzle
Component	TE
LENGTH	4.88 mm
Defect	CRACK
Comments:	



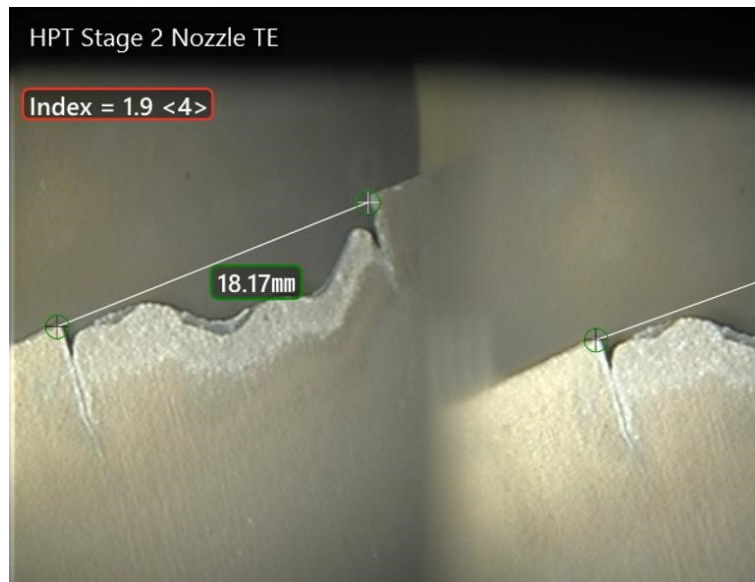
hpt_stage_2_nozzle_te029.jpg

Section	HPT
Stage	Stage 2 Nozzle
Component	TE
LENGTH	9.60 mm
Defect	EROSION
Comments:	



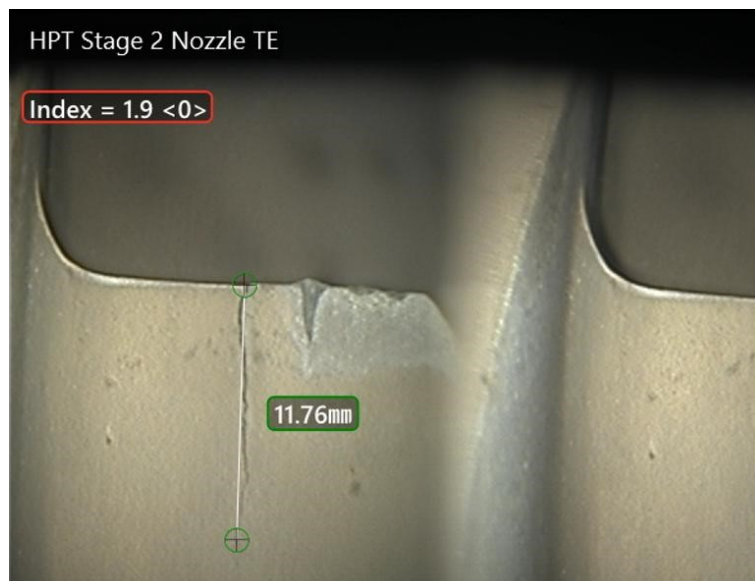
hpt_stage_2_nozzle_te032.jpg

Section	HPT
Stage	Stage 2 Nozzle
Component	TE
LENGTH	8.73 mm
Defect	EROSION
Comments:	



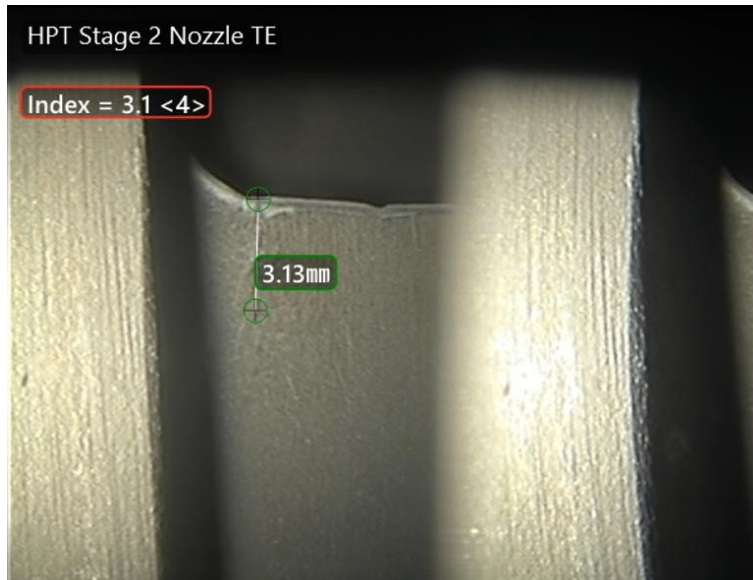
hpt_stage_2_nozzle_te033.jpg

Section	HPT
Stage	Stage 2 Nozzle
Component	TE
LENGTH	18.17 mm
Defect	EROSION
Comments:	



hpt_stage_2_nozzle_te034.jpg

Section	HPT
Stage	Stage 2 Nozzle
Component	TE
LENGTH	11.76 mm
Defect	CRACK
Comments:	



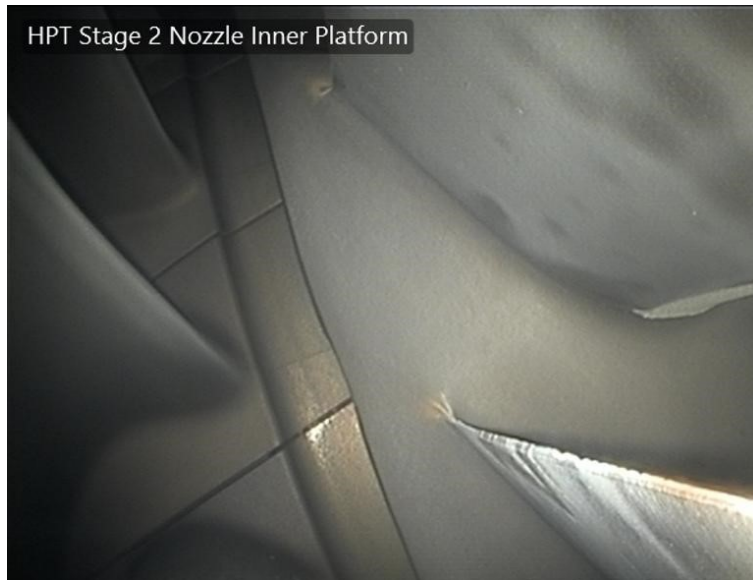
hpt_stage_2_nozzle_te035.jpg

Section	HPT
Stage	Stage 2 Nozzle
Component	TE
LENGTH	3.13 mm
Defect	CRACK
Comments:	



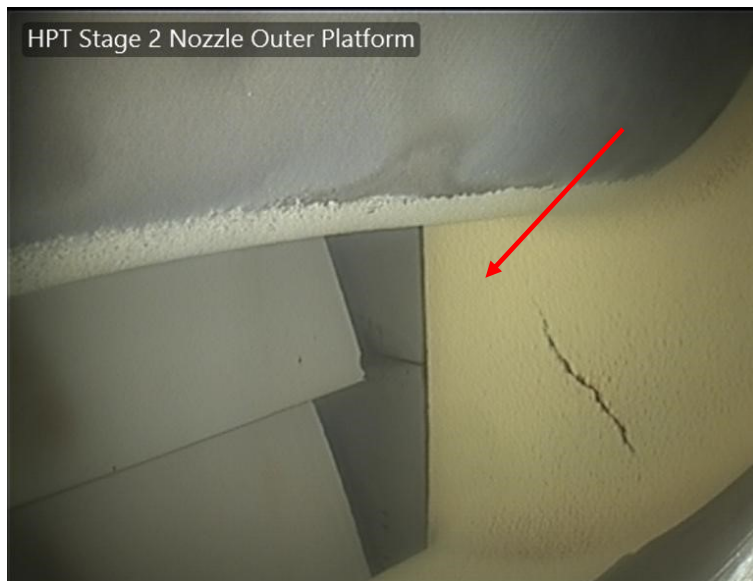
hpt_stage_2_nozzle_inner_platform002.jpg

Section	HPT
Stage	Stage 2 Nozzle
Component	Inner Platform
Defect	NO DEFECT - SERVICEABLE
Comments:	



hpt_stage_2_nozzle_inner_platform001.jpg

Section	HPT
Stage	Stage 2 Nozzle
Component	Inner Platform
Defect	NO DEFECT - SERVICEABLE
Comments:	



hpt_stage_2_nozzle_outer_platform001.jpg

Section	HPT
Stage	Stage 2 Nozzle
Component	Outer Platform
Defect	CRACK
Comments:	
Cracks at Outer Platform between the Vanes.	
Aero case logged, AERO-20240704-0131.	



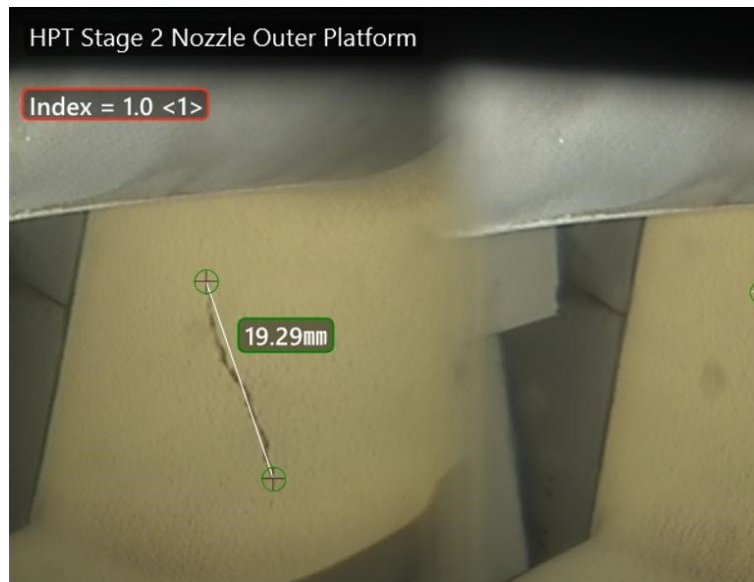
hpt_stage_2_nozzle_outer_platform002.jpg

Section	HPT
Stage	Stage 2 Nozzle
Component	Outer Platform
Defect	TBC LOSS
Comments: TBS missing.	



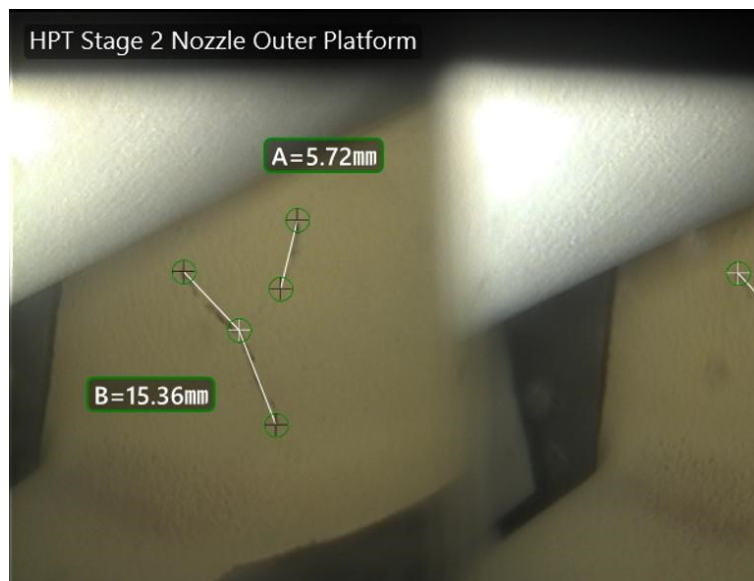
hpt_stage_2_nozzle_outer_platform004.jpg

Section	HPT
Stage	Stage 2 Nozzle
Component	Outer Platform
Defect	CRACK
Comments: Cracks at Outer Platform between the Vanes. Can't see if crack is only in the coating. Aero case logged, AERO- 20240704-0131.	



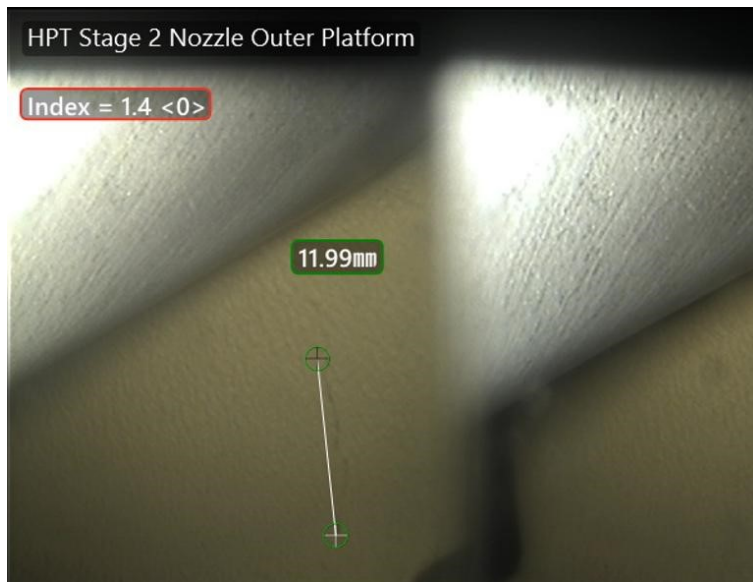
hpt_stage_2_nozzle_outer_platform003.jpg

Section	HPT
Stage	Stage 2 Nozzle
Component	Outer Platform
LENGTH	19.29 mm
Defect	CRACK
Comments:	



hpt_stage_2_nozzle_outer_platform006.jpg

Section	HPT
Stage	Stage 2 Nozzle
Component	Outer Platform
LENGTH	5.72 mm
MULTI-SEGMENT	15.36 mm
Defect	CRACK
Comments:	



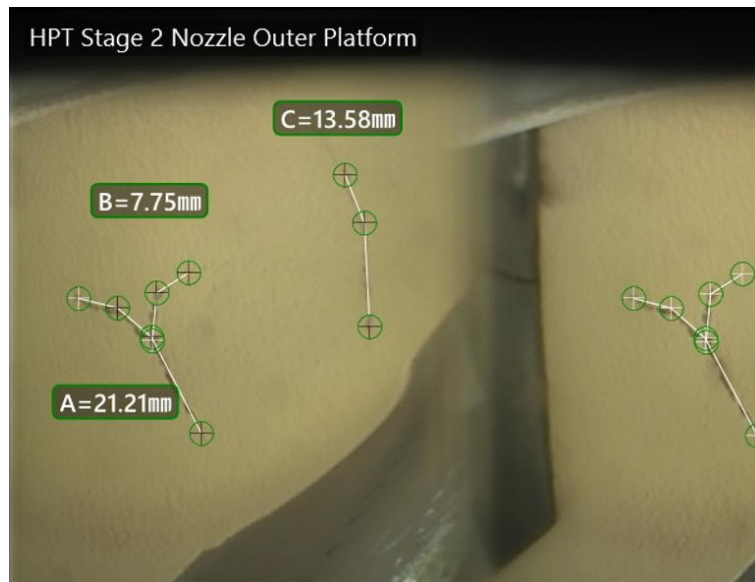
hpt_stage_2_nozzle_outer_platform005.jpg

Section	HPT
Stage	Stage 2 Nozzle
Component	Outer Platform
LENGTH	11.99 mm
Defect	CRACK
Comments:	



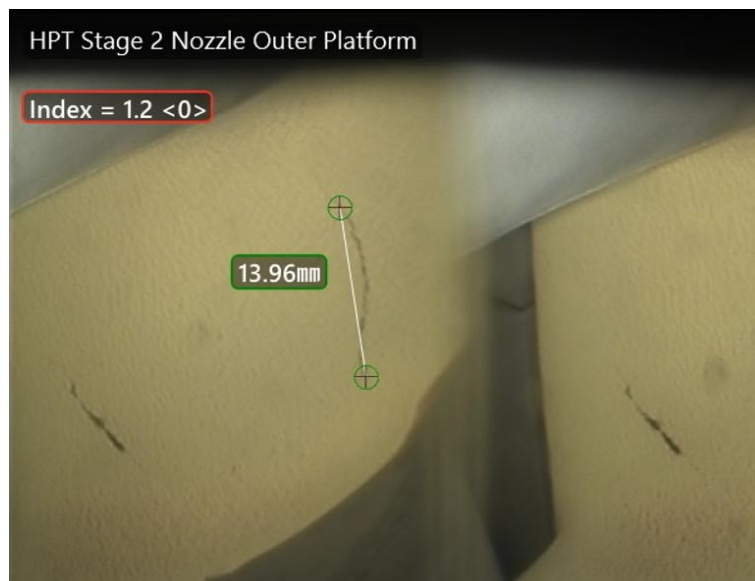
hpt_stage_2_nozzle_outer_platform008.jpg

Section	HPT
Stage	Stage 2 Nozzle
Component	Outer Platform
LENGTH	8.52 mm
Defect	CRACK
Comments:	



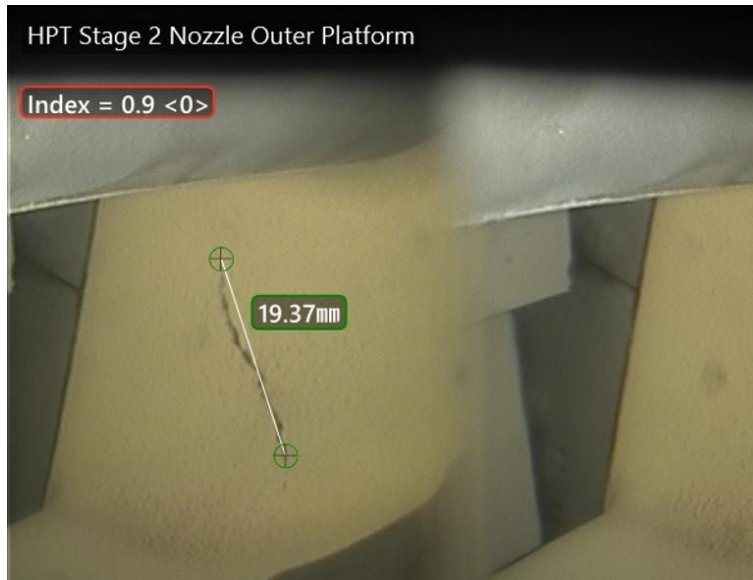
hpt_stage_2_nozzle_outer_platform007.jpg

Section	HPT
Stage	Stage 2 Nozzle
Component	Outer Platform
MULTI-SEGMENT	21.21 mm
MULTI-SEGMENT	7.75 mm
MULTI-SEGMENT	13.58 mm
Defect	CRACK
Comments:	



hpt_stage_2_nozzle_outer_platform009.jpg

Section	HPT
Stage	Stage 2 Nozzle
Component	Outer Platform
LENGTH	13.96 mm
Defect	CRACK
Comments:	



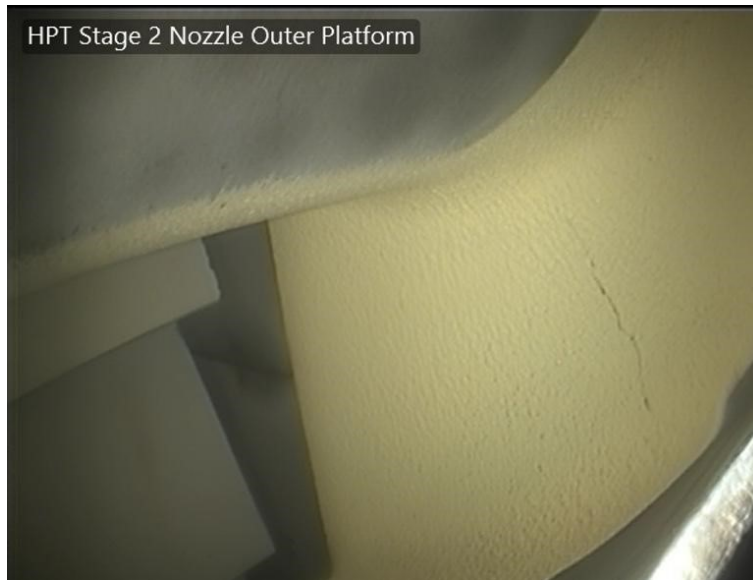
hpt_stage_2_nozzle_outer_platform010.jpg

Section	HPT
Stage	Stage 2 Nozzle
Component	Outer Platform
LENGTH	19.37 mm
Defect	CRACK
Comments:	



hpt_stage_2_nozzle_outer_platform011.jpg

Section	HPT
Stage	Stage 2 Nozzle
Component	Outer Platform
Defect	CRACK
Comments:	
Crack at Outer Platform between the Vanes.	
Can't see if crack is only in the coating.	
Aero case logged, AERO-20240704-0131.	



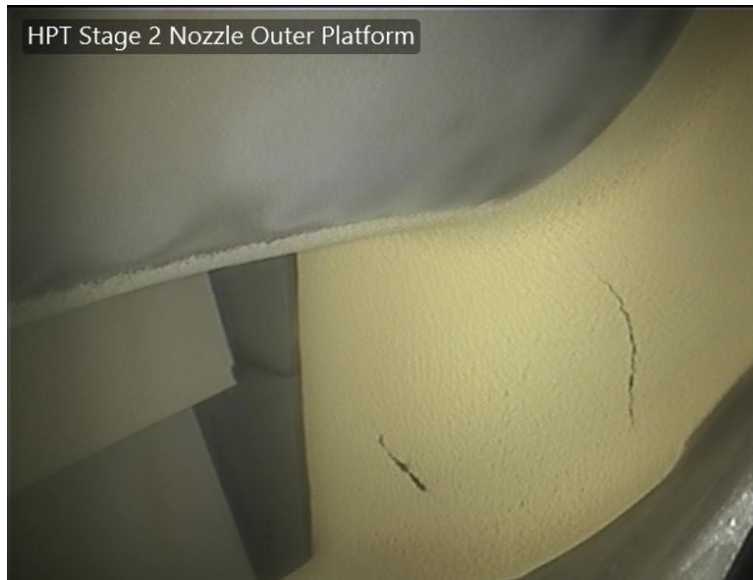
hpt_stage_2_nozzle_outer_platform013.jpg

Section	HPT
Stage	Stage 2 Nozzle
Component	Outer Platform
Defect	CRACK
Comments: Crack at Outer Platform between the Vanes. Can't see if crack is only in the coating. Aero case logged, AERO-20240704-0131.	



hpt_stage_2_nozzle_outer_platform014.jpg

Section	HPT
Stage	Stage 2 Nozzle
Component	Outer Platform
Defect	CRACK
Comments: Cracks at Outer Platform between the Vanes. Can't see if crack is only in the coating. Aero case logged, AERO-20240704-0131.	



hpt_stage_2_nozzle_outer_platform016.jpg

Section	HPT
Stage	Stage 2 Nozzle
Component	Outer Platform
Defect	CRACK
Comments: Cracks at Outer Platform between the Vanes. Can't see if crack is only in the coating. Aero case logged, AERO-20240704-0131.	



hpt_stage_2_nozzle_outer_platform015.jpg

Section	HPT
Stage	Stage 2 Nozzle
Component	Outer Platform
Defect	CRACK
Comments: Cracks at Outer Platform between the Vanes. Can't see if crack is only in the coating. Aero case logged, AERO-20240704-0131.	



HPT Stage 2 Blade

Inspection Area: All comments will be made at picture blocks and Detail Section of report.
Inspect this area thru HPT BSI Port S7-2 for leading edge, and from P4.8 or T4.8 areas.
Leading edge concave and convex area for impacts, cracks, dents, holes, or missing material.
Leading edge for clogged cooling holes air passages.
Leading edge for erosion and coating penetration (blue or green areas) and TBC loss.
Trailing edge for impacts, cracks, dents, erosion, or missing material.
Blade tips for cracks, dents, erosion, missing material, or TBC loss.
Blade platforms for oxidation/corrosion of parent metal.
HPT Stage 2 Shroud for cracks, erosion/oxidation or rubs.
HPT 7-2 Borescope Plug Inspection.
Visually inspect Stage 11 Check Valves.
HPT Diffuser Inspection if S/B 216 is not C/W

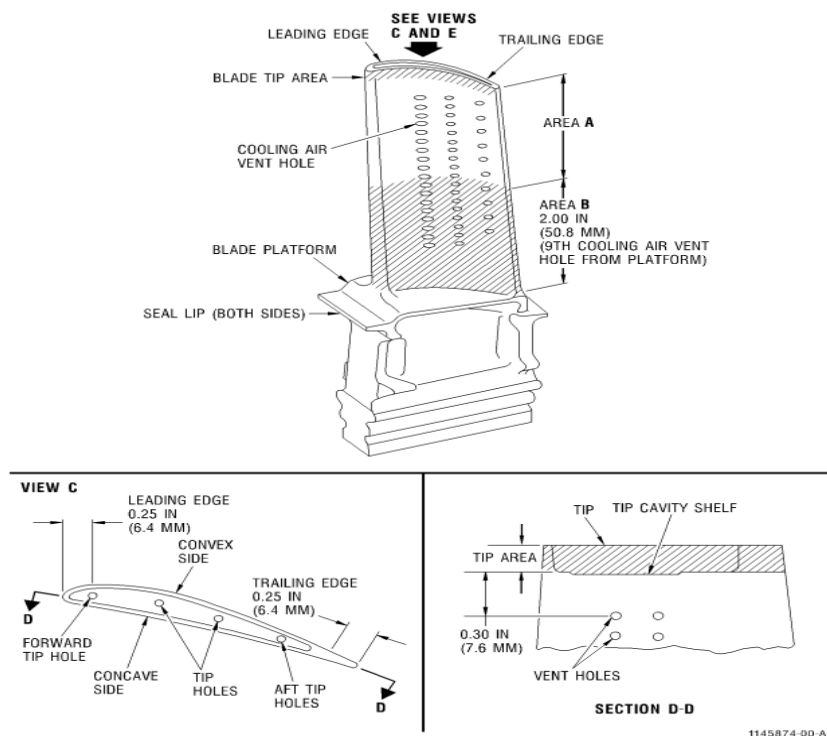


Figure 27. HPT Stage 2 Rotor Blade Inspection (Sheet 1 of 2)



hpt_stage_2_blade_le001.jpg

Section	HPT
Stage	Stage 2 Blade
Component	LE
Defect	NO DEFECT - SERVICEABLE
Comments:	



hpt_stage_2_blade_le002.jpg

Section	HPT
Stage	Stage 2 Blade
Component	LE
Defect	NO DEFECT - SERVICEABLE
Comments:	



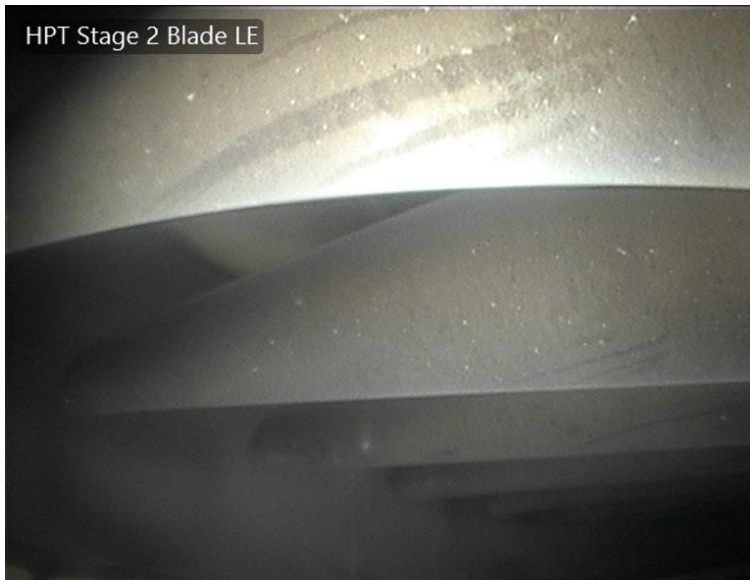
hpt_stage_2_blade_le003.jpg

Section	HPT
Stage	Stage 2 Blade
Component	LE
Defect	NO DEFECT - SERVICEABLE
Comments:	



hpt_stage_2_blade_le005.jpg

Section	HPT
Stage	Stage 2 Blade
Component	LE
Defect	NO DEFECT - SERVICEABLE
Comments:	



hpt_stage_2_blade_le004.jpg

Section	HPT
Stage	Stage 2 Blade
Component	LE
Defect	NO DEFECT - SERVICEABLE
Comments:	



hpt_stage_2_blade_te002.jpg

Section	HPT
Stage	Stage 2 Blade
Component	TE
Defect	NO DEFECT - SERVICEABLE
Comments:	



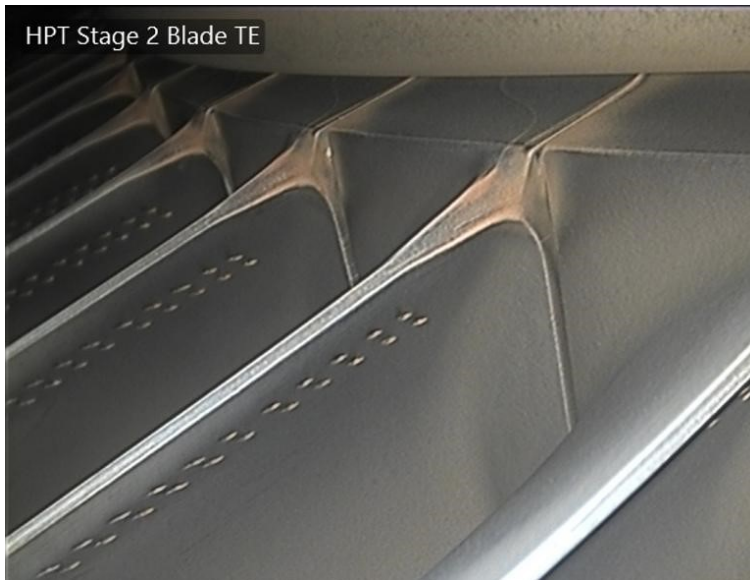
hpt_stage_2_blade_te001.jpg

Section	HPT
Stage	Stage 2 Blade
Component	TE
Defect	NO DEFECT - SERVICEABLE
Comments:	



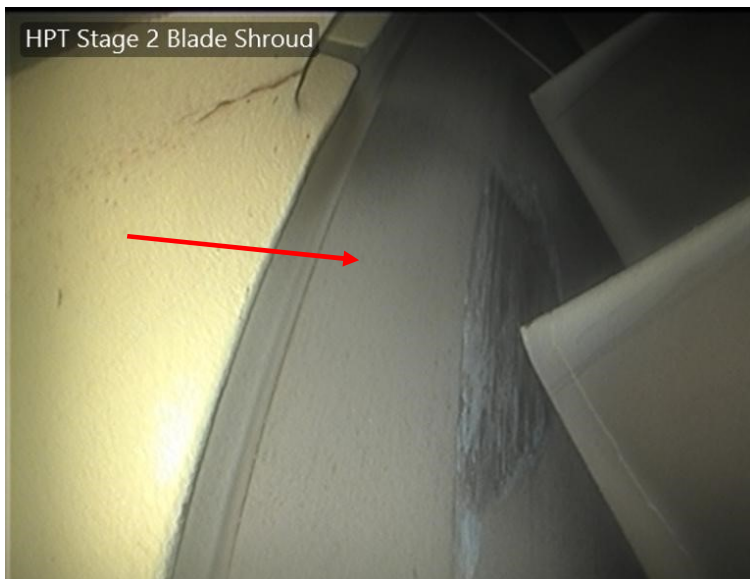
hpt_stage_2_blade_te003.jpg

Section	HPT
Stage	Stage 2 Blade
Component	TE
Defect	NO DEFECT - SERVICEABLE
Comments:	



hpt_stage_2_blade_te004.jpg

Section	HPT
Stage	Stage 2 Blade
Component	TE
Defect	NO DEFECT - SERVICEABLE
Comments:	



hpt_stage_2_blade_shroud001.jpg

Section	HPT
Stage	Stage 2 Blade
Component	Shroud
Defect	RUB
Comments:	
Rubbing.	



hpt_stage_2_blade_shroud002.jpg

Section	HPT
Stage	Stage 2 Blade
Component	Shroud
Defect	RUB
Comments: Rubbing.	



hpt_stage_2_blade_shroud003.jpg

Section	HPT
Stage	Stage 2 Blade
Component	Shroud
Defect	RUB
Comments: Rubbing.	

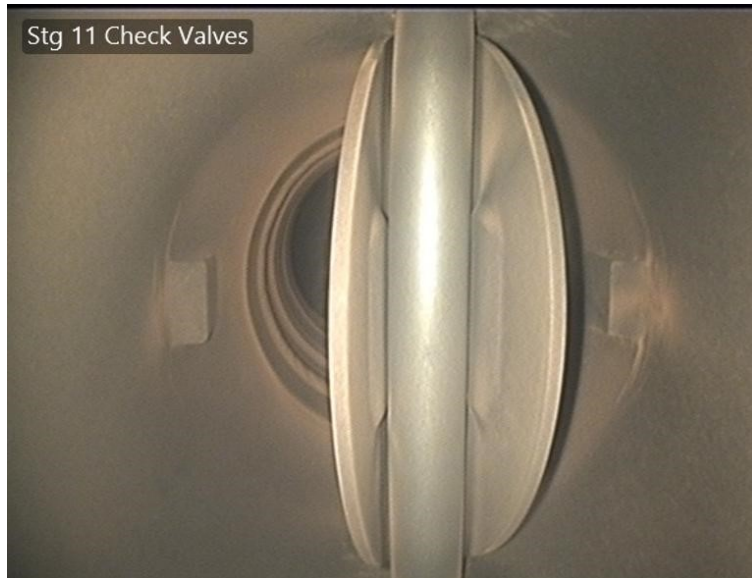


hpt_stage_2_blade_shroud004.jpg

Section	HPT
Stage	Stage 2 Blade
Component	Shroud
Defect	RUB
Comments: Rubbing at Shroud and missing TBC coating at S2N Outer Platform and a crack in S2N TE.	

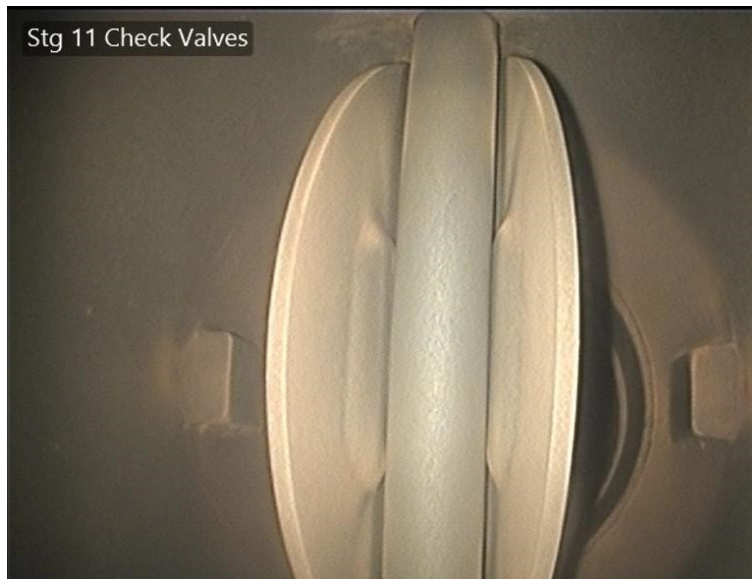


Stg 11 Check Valves



stg_11_check_valves001.jpg

Section	Stg 11 Check Valves
Defect	NO DEFECT - SERVICEABLE
Comments:	



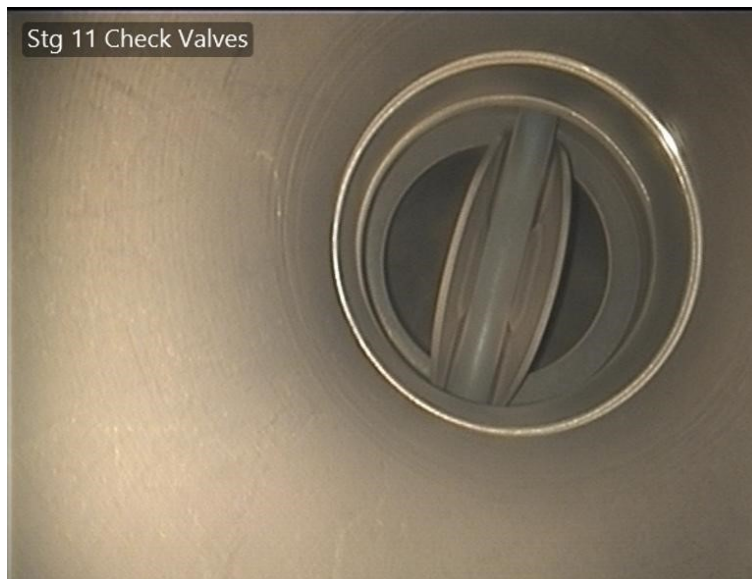
stg_11_check_valves002.jpg

Section	Stg 11 Check Valves
Defect	NO DEFECT - SERVICEABLE
Comments:	



stg_11_check_valves003.jpg

Section	Stg 11 Check Valves
Defect	NO DEFECT - SERVICEABLE
Comments:	



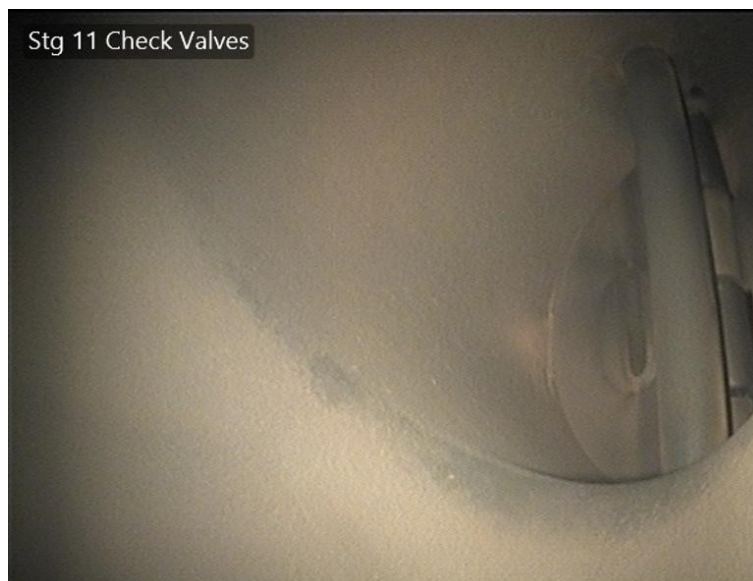
stg_11_check_valves004.jpg

Section	Stg 11 Check Valves
Defect	NO DEFECT - SERVICEABLE
Comments:	



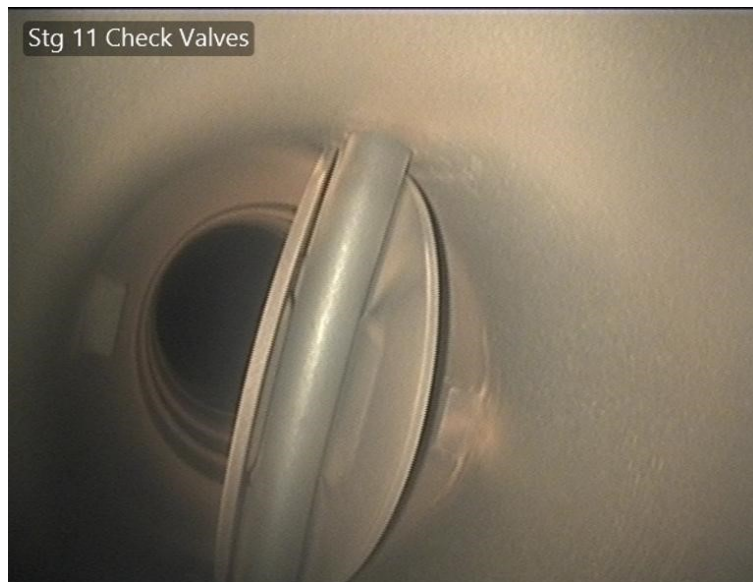
stg_11_check_valves005.jpg

Section	Stg 11 Check Valves
Defect	NO DEFECT - SERVICEABLE
Comments:	



stg_11_check_valves006.jpg

Section	Stg 11 Check Valves
Defect	NO DEFECT - SERVICEABLE
Comments:	



stg_11_check_valves007.jpg

Section	Stg 11 Check Valves
Defect	NO DEFECT - SERVICEABLE
Comments:	



stg_11_check_valves008.jpg

Section	Stg 11 Check Valves
Defect	NO DEFECT - SERVICEABLE
Comments:	



Low Pressure Turbine

Inspection Area: All comments will be made at picture blocks and Detail Section of report

Inspect stages 1 through 5 blades and vanes for cracks, nicks, burrs, tears, curl, missing material, dents, scratches, pits.

Stage 1 LPT Nozzle, BSI ports S8-1 & P48 probe.

Stage 1 LPTR Blades & Vanes, BSI ports S8-1 & S8-3.

Stage 2 LPTR Blades & Vanes, BSI ports S8-3.

Stage 3 LPTR Blades & Vanes, BSI ports S8-4.

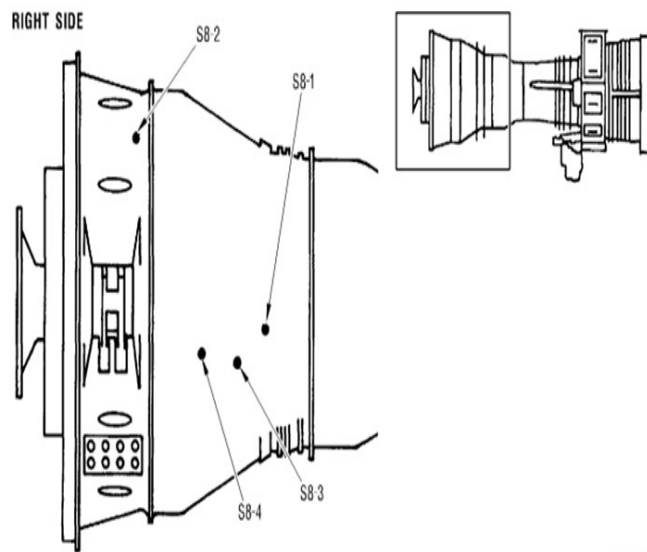
Stage 4 LPTR Blades & Vanes, BSI ports S8-4.

Stage 5 LPTR Blades & Vanes, BSI ports S8-2.

Inspect blade shroud interlocks for wear and shingling.

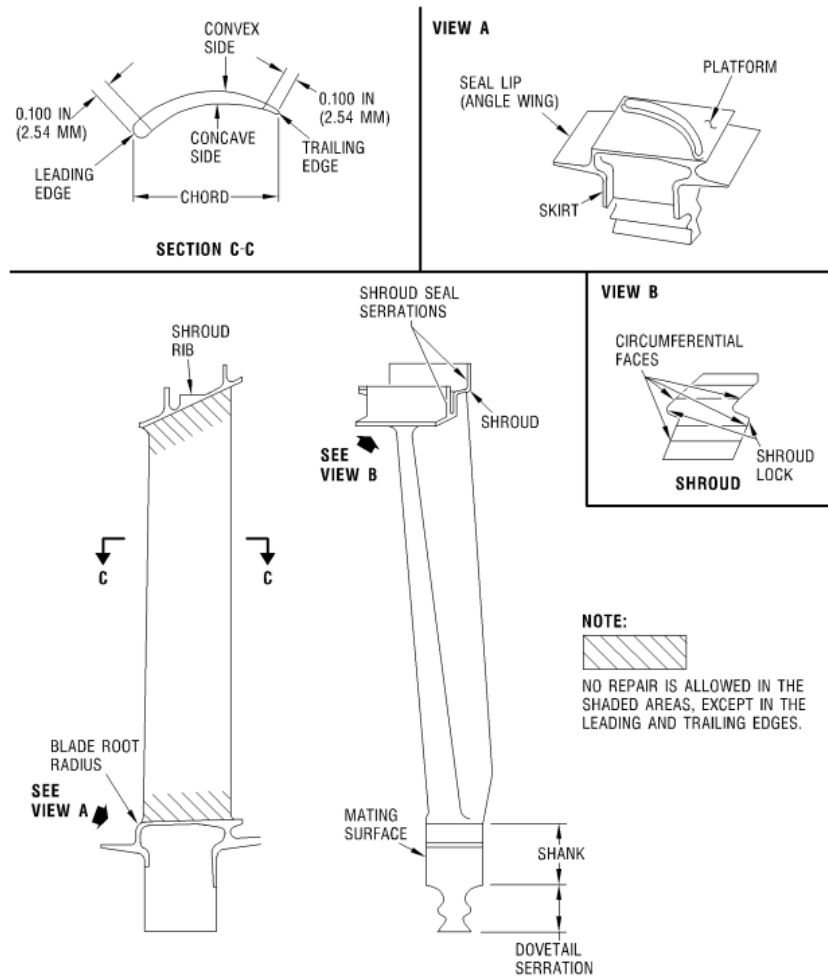
Inspect for erosion, corrosion or deposits.

Limited view of all LPT components.



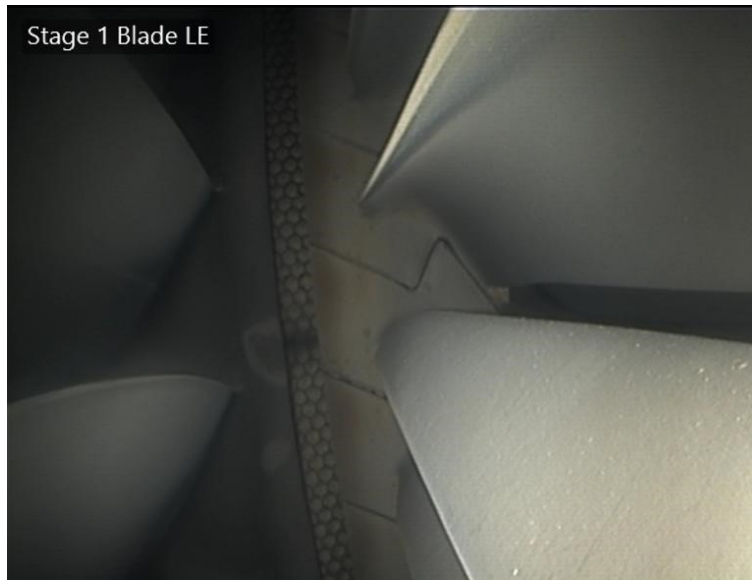
1145876-00-02

Figure 28. LPT Borescope Ports



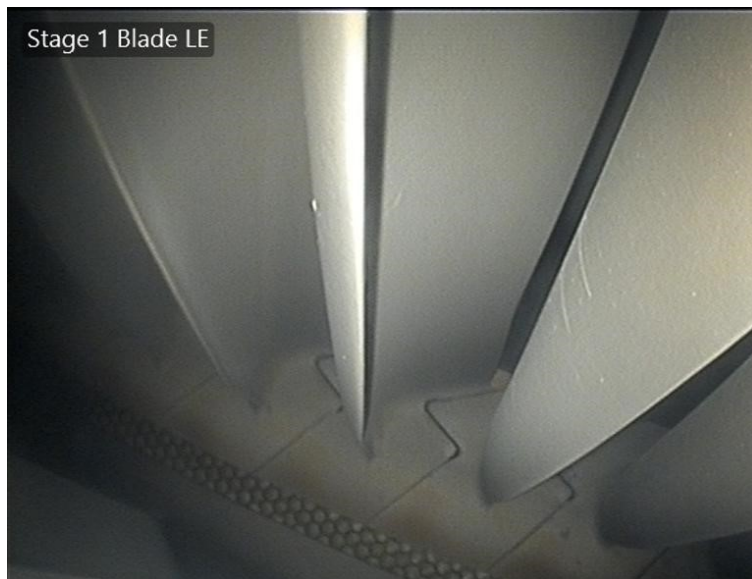
1145878 00 A2A

Figure 30. LPT Rotor Blade Inspection



stage_1_blade_le002.jpg

Section	LPT
Stage	Stage 1 Blade
Component	LE
Defect	NO DEFECT - SERVICEABLE
Comments:	



stage_1_blade_le001.jpg

Section	LPT
Stage	Stage 1 Blade
Component	LE
Defect	NO DEFECT - SERVICEABLE
Comments:	



stage_1_blade_le003.jpg

Section	LPT
Stage	Stage 1 Blade
Component	LE
Defect	NO DEFECT - SERVICEABLE
Comments:	



stage_1_blade_te001.jpg

Section	LPT
Stage	Stage 1 Blade
Component	TE
Defect	NO DEFECT - SERVICEABLE
Comments:	



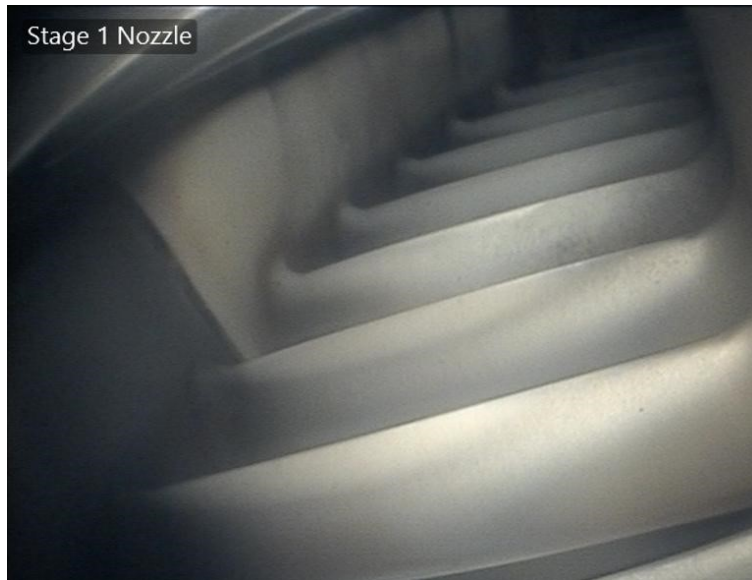
stage_1_blade_te002.jpg

Section	LPT
Stage	Stage 1 Blade
Component	TE
Defect	NO DEFECT - SERVICEABLE
Comments:	



stage_1_nozzle001.jpg

Section	LPT
Stage	Stage 1 Nozzle
Defect	NO DEFECT - SERVICEABLE
Comments:	



stage_1_nozzle002.jpg

Section	LPT
Stage	Stage 1 Nozzle
Defect	NO DEFECT - SERVICEABLE
Comments:	



stage_2_blade_te002.jpg

Section	LPT
Stage	Stage 2 Blade
Component	TE
Defect	NO DEFECT - SERVICEABLE
Comments:	
mark.malsenvan@ge.com 03/07/2024 LE	



stage_2_blade_te001.jpg

Section	LPT
Stage	Stage 2 Blade
Component	TE
Defect	NO DEFECT - SERVICEABLE
Comments: mark.malsenvan@ge.com 03/07/2024 LE	



stage_3_blade_te001.jpg

Section	LPT
Stage	Stage 3 Blade
Component	TE
Defect	NO DEFECT - SERVICEABLE
Comments:	



stage_3_blade_te002.jpg

Section	LPT
Stage	Stage 3 Blade
Component	TE
Defect	NO DEFECT - SERVICEABLE
Comments:	



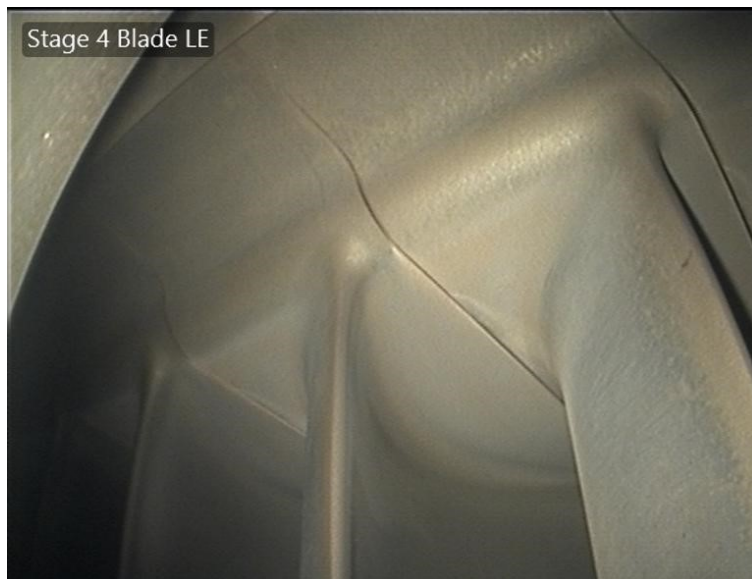
stage_3_blade_te003.jpg

Section	LPT
Stage	Stage 3 Blade
Component	TE
Defect	NO DEFECT - SERVICEABLE
Comments:	



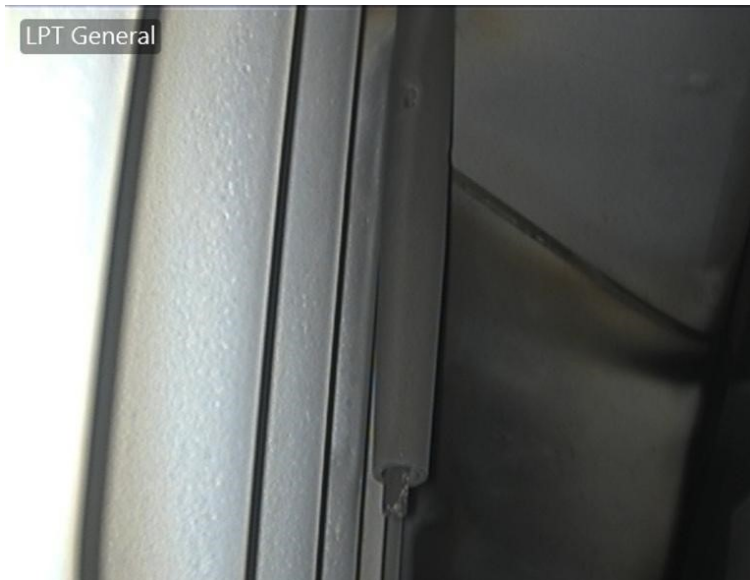
stage_4_blade_le001.jpg

Section	LPT
Stage	Stage 4 Blade
Component	LE
Defect	NO DEFECT - SERVICEABLE
Comments:	



stage_4_blade_le002.jpg

Section	LPT
Stage	Stage 4 Blade
Component	LE
Defect	NO DEFECT - SERVICEABLE
Comments:	



lpt_general001.jpg

Section	LPT
Stage	LPT General
Defect	NO DEFECT - SERVICEABLE
Comments:	



lpt_general002.jpg

Section	LPT
Stage	LPT General
Defect	NO DEFECT - SERVICEABLE
Comments:	



lpt_general003.jpg

Section	LPT
Stage	LPT General
Defect	NO DEFECT - SERVICEABLE
Comments:	



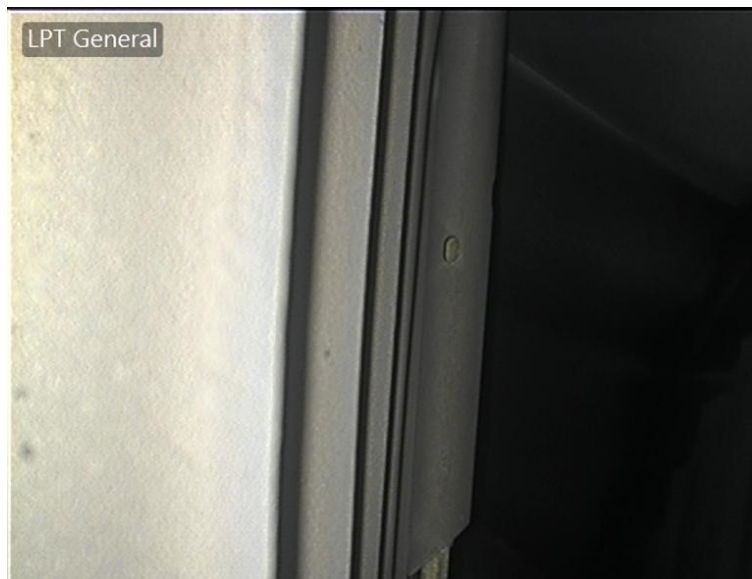
lpt_general004.jpg

Section	LPT
Stage	LPT General
Defect	NO DEFECT - SERVICEABLE
Comments:	



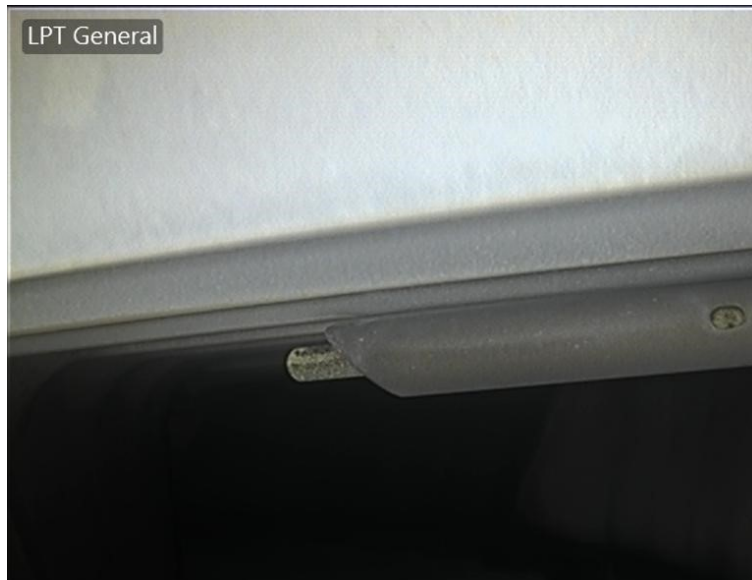
lpt_general006.jpg

Section	LPT
Stage	LPT General
Defect	NO DEFECT - SERVICEABLE
Comments:	



lpt_general005.jpg

Section	LPT
Stage	LPT General
Defect	NO DEFECT - SERVICEABLE
Comments:	



lpt_general007.jpg

Section	LPT
Stage	LPT General
Defect	NO DEFECT - SERVICEABLE
Comments:	



lpt_general008.jpg

Section	LPT
Stage	LPT General
Defect	NO DEFECT - SERVICEABLE
Comments:	