

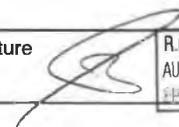
1. Approving Competent Authority / Country CAA - The Netherlands		2. <b>AUTHORISED RELEASE CERTIFICATE</b> <b>EASA FORM 1</b>			3. Form Tracking Number FTN-000034569-01								
4. Organisation Name and Address: EPCOR B.V. Bellsingel 41 Schiphol-Rijk 1119 NT The Netherlands				5. Work Order / Contract / Invoice W0021262 Cust PO: R460898									
6. Item		7. Description		8. Part No.		9. Qty.		10. Serial No.		11. Status / Work			
1		APS5000A		7002907H05		1		HSC-E1525347PL		Inspected / Tested			
12. Remarks													
Inspected and tested in accordance with EM:4510762 Rev.36. Refer to details of Life Limited Parts installed in this APU, to the APU Service Record, EPCOR W/O W0021262 Date 18 Feb 2026. Refer to details of parts installed in this APU, to the shop findings report EPCOR W/O W0021262 Date 18 Feb 2026. Refer to details of modification(s) performed during this shop visit, to the APU Service Bulletin Status, EPCOR W/O W0021262, Date 18 Feb 2026.										TSN		1137	
Unit preserved for longtime storage up to 36 months in accordance with EM:4510762 Rev. 36.										CSN		1659	
The work identified in Block 11 and described herein has been accomplished in accordance with 14 CFR part 43 and in respect to that work, the items are approved for release or return to service under FAA certificate no.: E45Y760Y. Pertinent details of the work performed are on file under the block 5 Work Order and are available for a period of three (3) years after the Block 14e date.													
13a. Certifies the items identified above were manufactured in conformity to:  <input type="checkbox"/> Approved design data and are in condition for safe operation  <input type="checkbox"/> Non-approved design data specified in block 12						14a. <input checked="" type="checkbox"/> Part 145.A.50 Release to Service <input checked="" type="checkbox"/> Other regulation specified in block 12  Certifies that unless otherwise specified in block 12, the work identified in block 11 and described in block 12, was accomplished in accordance with Part-145 and in respect to that work the items are considered ready for release to service.							
13b. Authorised Signature				13c. Approval / Authorisation Number				14b. Authorised Signature		14c. Certificate / Approval Ref.No. NL.145.1326			
13d. Name				13e. Date (dd mmm yyy)				14d. Name Robin Engelen		14e. Date (dd mmm yyyy) 18 Feb 2026			
<b>User / Installer Responsibilities</b>													
This certificate does not automatically constitute authority to install the item(s). Where the user/installer performs works in accordance with regulations of an airworthiness authority different than the airworthiness authority specified in block 1, it is essential that the user/installer ensures that his/her airworthiness authority accepts items from the airworthiness authority specified in block 1. Statements in blocks 13a and 14a do not constitute installation certification. In all cases aircraft maintenance records must contain an installation certification issued in accordance with the national regulations by the user/installer before the aircraft may be flown.													

1 国家 Country P.R. China		2. 中国民用航空总局 CAAC <input type="checkbox"/> 符合性 Conformity <input checked="" type="checkbox"/> 适航性 Airworthiness 批准放行证书/适航批准标签 AUTHORIZED RELEASE CERTIFICATE/AIRWORTHINESS APPROVAL TAG				3 证书编号 Certificate Ref. No. FTN-000034570-01	
4 单位 Organization EPCOR B.V. Bellsingel 41 Schiphol-Rijk 1119 NT The Netherlands		Telephone: +31 (020)316 1730				5 工作单/合同单/货单 Work Order/Contract/Invoice W0021262 / R460898	
6 序号 Item	7 内容 Description	8 件号 Part No.	9 适用性 Eligibility	10 数量 Qty	11 系列号/批号 Serial/Batch No.	12 产品状态 Status/Work	
1	APS5000A	7002907H05	Not Known	1	HSC- E1525347PL	Inspected / Tested	
13 备注 Remarks Inspected and tested in accordance with EM:4510762 Rev.36. Refer to details of Life Limited Parts installed in this APU, to the APU Service Record, EPCOR W/O W0021262 Date 18 Feb 2026. Refer to details of parts installed in this APU, to the shop findings report EPCOR W/O W0021262 Date 18 Feb 2026. Refer to details of modification(s) performed during this shop visit, to the APU Service Bulletin Status, EPCOR W/O W0021262, Date 18 Feb 2026. Unit preserved for longtime storage up to 36 months in accordance with EM:4510762 Rev. 36.							
14 新产品 New Parts 兹声明上述产品除第 13 项的其它规定以外, 已按照上述国家适航条例进行制造/检查, 并且该产品(出口产品)符合经批准的型号设计资料和进口国提出的专用要求。 Certifies that the Part(s) identified above except as otherwise specified in block 13 was(were) manufactured/inspected in accordance with the airworthiness regulations of the stated country and/or in the case of parts to be exported with the approved design data and with the notified special requirements of the importing country.			15 使用过的产品 Used Parts 兹声明上述产品除第 13 项的其它规定以外, 已按照上述国家适航条例和进口国通知的特殊要求进行了工作, 该产品处于安全可用状态可以批准放行使用。 Certifies that the work specified above except as specified in block 13 was carried out in accordance with the airworthiness regulations of the stated country and the notified special requirements of the importing country and in respect to that work, the part(s) is (are) in condition for safe operation and considered ready for release to service. (over)				
16 批准人签名 Signature 		18 批准日期 Date 18-Feb-2026		19 中国民航总局授权 Issued by or on behalf of the CAAC F03100312			
17 批准人姓名(打印的) Name(Printed) Robin Engelen							

\*参阅产品目录详细查找适用性  
Cross-check eligibility for more details with parts catalogue

**批准放行证书/适航批准标签**  
AUTHORIZED RELEASE CERTIFICATE/AIRWORTHINESS APPROVAL TAG  
**使用者/安装者职责**  
USER/INSTALLER RESPONSIBILITIES

- (1) 必须明确：本文件并不批准零件/组件/部件可以装到有关产品上。
  - (2) 当使用者/安装者使用的是所在国适航当局的条例，而不是本表第 1 项中所指国家适航当局的条例时，使用者/安装者必须保证所在国的适航当局能接受所指国家适航当局批准出口的零件/组件/部件。
  - (3) 表中第 14 项、第 15 项的陈述，并不说明本表是安装批准。在所有情况下，航空器使用前，航空器使用者/安装者应把按本国适航条例颁发的安装批准放入维修记录中。
- 
- (1) It is important to understand that the existence of this document alone does not automatically constitute authority to install the part/component/assembly.
  - (2) Where the user/installer works in accordance with the national regulations of an Airworthiness Authority different than the Airworthiness Authority of the country specified in block 1 it is essential that the user/installer ensure that his/her Airworthiness Authority accepts parts/components/assemblies from the Airworthiness Authority of the country specified in block 1.
  - (3) Statements 14 and 15 do not constitute installation certification. In all cases the aircraft maintenance record must contain an installation certification issued in accordance with the national regulation by the user/installer before the aircraft may be flown.

1. Approving Competent Authority / Country <b>CAA/UK</b>		2. <b>AUTHORISED RELEASE CERTIFICATE CAA FORM 1</b>			3. Form Tracking Number <b>FTN-000034572-01</b>	
4. Organisation Name and Address: EPCOR B.V. Bellsingel 41 Schiphol-Rijk 1119 NT The Netherlands		Telephone: +31 (020)316 1730			5. Work Order / Contract / Invoice W0021262 Cust PO: R460898	
6. Item	7. Description	8. Part No.	9. Qty.	10. Serial No.	11. Status / Work	
1	APS5000A	7002907H05	1	HSC-E1525347PL	Inspected / Tested	
12. Remarks						
Inspected and tested in accordance with EM:4510762 Rev.36.					TSN	1137
Refer to details of Life Limited Parts installed in this APU, to the APU Service Record, EPCOR W/O W0021262 Date 18 Feb 2026.						
Refer to details of parts installed in this APU, to the shop findings report EPCOR W/O W0021262 Date 18 Feb 2026.					CSN	1659
Refer to details of modification(s) performed during this shop visit, to the APU Service Bulletin Status, EPCOR W/O W0021262, Date 18 Feb 2026.						
Unit preserved for longtime storage up to 36 months in accordance with EM:4510762 Rev. 36.						
13a. Certifies the items identified above were manufactured in conformity to:  <input type="checkbox"/> Approved design data and are in condition for safe operation  <input type="checkbox"/> Non-approved design data specified in block 12			14a. <input checked="" type="checkbox"/> Part 145.A.50 Release to Service <input type="checkbox"/> Other regulation specified in block 12  Certifies that unless otherwise specified in block 12, the work identified in block 11 and described in block 12, was accomplished in accordance with Part-145 and in respect to thatwork the items are considered ready for release to service.			
13b. Authorised Signature		13c. Approval / Authorisation Number		14b. Authorised Signature		14c. Certificate / Approval Ref.No.
						UK.145.01583
13d. Name		13e. Date (dd mmm yyyy)		14d. Name		14e. Date (dd mmm yyyy)
				Robin Engelen		18-Feb-2026
<b>User / Installer Responsibilities</b>						
This certificate does not automatically constitute authority to install the item(s).Where the user/installer performs works in accordance with regulations of an airworthiness authority different than the airworthiness authority specified in block 1, it is essential that the user/installer ensures that his/her airworthiness authority accepts items from the airworthiness authority specified in block 1.Statements in blocks 13a and 14a do not constitute installation certification. In all cases aircraft maintenance records must contain an installation certification issued in accordance with the national regulations by the user/installer before the aircraft may be flown.						

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 EASA: NL.145.1326  
 FAA CFRS: E45Y760Y  
 VAT Code: NL 8082 47992B01



## APU Service Record

<b>Work Order #:</b>	W0021262	<b>Maintenance Performed In Accordance With</b>
<b>Customer:</b>	AJ WALTER AVIATION Ltd.	Manual: 4510762
<b>Cust Ref nr:</b>	R460898	Revision: 36
<b>Date printed:</b>	18-Feb-2026	<b>Certification Level</b>
<b>Prepared by</b>	Rengelen	Inspected / Tested
<b>Page:</b>	1 of 2	

<b>APU Type</b> APS5000A	<b>APU P/N</b> 7002907H05	<b>APU S/N</b> HSC-E1525347PL
TSN : 1137	TSO: UNK	TSR : 1137
		CSN : 1659
		CSO: UNK
		CSR : 1659

The aircraft component identified above was inspected in accordance with current Civil Aviation Administration Regulations (See attached certificates) and is approved for return service. Pertinent details of work performed are on file at this agency under work order as indicted in this form.

### Installed Traceable Life Limited / Life Controlled Parts

Part Number	Description	Serial Number	Accumulated Totals		Remaining Cycles
			Cycles	Hours	
7003596	Impeller, Compressor	CF560	1.659	1.137	42.341
7006770	Disk, Turbine, 1st Stage, Machining	D4438	1.659	1.137	22.341
7006778	Disk, Turbine, 2ND Stage, Machining	J9409	1.659	1.137	8.341

### Traceable Tracked Parts

Part Number	Description	Serial Number	Since this installation		Remaining Cycles
			Cycles	Hours	
7000456H02	Duplex Fuel Injector Assembly	AAB27384	1659	1137	4341
7000456H02	Duplex Fuel Injector Assembly	AAB28087	1659	1137	4341
7000456H02	Duplex Fuel Injector Assembly	AAB29107	1659	1137	4341
7000456H02	Duplex Fuel Injector Assembly	AAB28065	1659	1137	4341
7000456H02	Duplex Fuel Injector Assembly	AAB28086	1659	1137	4341
7000456H02	Duplex Fuel Injector Assembly	AAB27385	1659	1137	4341

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FAA CFRS: E45Y760Y  
VAT Code: NL 8082 47992B01



## APU Service Record

**Work Order #:** W0021262  
**Customer:** AJ WALTER AVIATION Ltd.  
**Cust Ref nr:** R460898  
**Date printed:** 18-Feb-2026  
**Prepared by** Rengelen  
**Page:** 2 of 2

**Maintenance Performed In Accordance With**  
**Manual:** 4510762  
**Revision:** 36  
**Certification Level**  
Inspected / Tested

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Mechanic	Supervising Mechanic	Date
 R. Engelen AUTH-3517 EPCOR BV	N/A	18 FEB 2026

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EASA: NL.145.1326  
 FAA CFRS: E45Y760Y  
 VAT Code: NL 8082 47992B01

## APU Modification List

**Customer:** AJ WALTER AVIATION Ltd.  
**Prepared by:** Rengelen  
**Page:** 1 of 1

**Work Order #:** W0021262  
**Part number:** 7002907H05  
**Serial number:** HSC-E1525347PL

Airworthiness Directive	Rev.	Description	AD Status.	Where.	When Verified.
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*There are no Airworthiness Directives applicable at the time of this Service Bulletin record release date*

Service Bulletin	Rev.	Description	SB Status.	Where.	When Verified.
49-500028	4	SB 49-500028 APU Time and Cycles Corrections.	Performed	EPCOR	18-Feb-2026
49-500066	1	SB 49-500066 Fuel Manifold Fire Sleeve Length Control - Inspection of	Performed	EPCOR	18-Feb-2026

<p><b>Mechanic</b></p> <div style="border: 1px solid black; padding: 5px; width: fit-content; margin: auto;"> <p>R.Engelen        ALPHA-2517        EPCOR B.V.</p> </div>	<p><b>Supervising Mechanic</b></p> <div style="border: 1px solid black; padding: 10px; width: fit-content; margin: auto;"> <p>N/A</p> </div>	<p><b>Date</b></p> <div style="border: 1px solid black; padding: 10px; width: fit-content; margin: auto;"> <p>18 FEB 2026</p> </div>
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**Work order** : W0021262  
**P/N** : 7002907H05  
**S/N** : HSC-E1525347PL

## Component Record

Component LRU/SRU	Part Number Removed	Serial Number Removed	Part Number Installed	Serial Number Installed	Condition
Powerhead Assembly	7000063N	LE14G0009	7000063N	LE14G0009	Not Removed
Gearbox Assembly	7000064F	HSC-G14K0405SNG	7000064F	HSC-G14K0405SNG	Not Removed
Fuel Module Power Harness Assembly	7006095	0132	7006095	0132	Not Removed
Combustor Drain Assembly Check valve	7000725A	4036-4	7000725A	4036-4	Not Removed
Deprime Valve	7000101H01	0418	7000101H01	0418	Not Removed
Oil Pressure Sensor (Dual)	4952461	49524614263536	4952461	49524614263536	Not Removed
Oil Pressure Sensor (Dual)	4952461	49524614263534	4952461	49524614263534	Not Removed
EGT Thermocouple Assembly	7000151H03	186625	7000151H03	186625	Not Removed
Engine Harness Assembly	7006094A	0126	7006094A	0126	Not Removed
Dual Element Engine Speed Sensor	7000150H05	184462	7000150H05	184462	Not Removed
Fuel Module	7000546H13	1100	7000546H13	1100	Not Removed
Fuel Oil Heat Exchanger	7004295H04	PF7588G7-137	7004295H04	PF7588G7-137	Not Removed
Ignition Exciter	7000273H05	503453-5-J15010170	7000273H05	503453-5-J15010170	Not Removed
Lead, Ignition	7000272H01	504739-2 A-J14280023	7000272H01	504739-2 A-J14280023	Not Removed
Lead, Ignition	7000272H01	504739-2 A-J13050079	7000272H01	504739-2 A-J13050079	Not Removed
Inlet Sensor Module	7000149H03	0178971	7000149H03	0178971	Not Removed

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**Work order** : W0021262  
**P/N** : 7002907H05  
**S/N** : HSC-E1525347PL

## Component Record

Component LRU/SRU	Part Number Removed	Serial Number Removed	Part Number Installed	Serial Number Installed	Condition
Oil Cooler	7000257H02	HEX06-0441	7000257H02	HEX06-0441	Not Removed
Oil Level Sensor	7000099H01	DTU4578	7000099H01	DTU4578	Not Removed
Ignitor	7000305H04	J24240047	7000305H04	J24240047	Not Removed
Ignitor	7000305H04	J24240041	7000305H04	J24240041	Not Removed
Pressure Relief Valve	7002375H01	0766	7002375H01	0766	Not Removed
Pressure Relief Valve	7002375H01	0755	7002375H01	0755	Not Removed
Oil Temperature Sensor	7000098H01	184869	7000098H01	184869	Not Removed
Inseparable PMG Stator Assembly	7000898H02	14H0008	7000898H02	14H0008	Not Removed
Simplex Fuel Injector Assembly	7000457H01	AAB23517	7000457H01	AAB23517	Not Removed
Duplex Fuel Injector Assembly	7000456H02	AAB27384	7000456H02	AAB27384	Not Removed
Simplex Fuel Injector Assembly	7000457H01	AAB23521	7000457H01	AAB23521	Not Removed
Duplex Fuel Injector Assembly	7000456H02	AAB27385	7000456H02	AAB27385	Not Removed
Simplex Fuel Injector Assembly	7000457H01	AAB23520	7000457H01	AAB23520	Not Removed
Duplex Fuel Injector Assembly	7000456H02	AAB28086	7000456H02	AAB28086	Not Removed
Simplex Fuel Injector Assembly	7000457H01	AAB23515	7000457H01	AAB23515	Not Removed
Duplex Fuel Injector Assembly	7000456H02	AAB28065	7000456H02	AAB28065	Not Removed

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**Work order** : W0021262  
**P/N** : 7002907H05  
**S/N** : HSC-E1525347PL

## Component Record

Component LRU/SRU	Part Number Removed	Serial Number Removed	Part Number Installed	Serial Number Installed	Condition
Simplex Fuel Injector Assembly	7000457H01	AAB23513	7000457H01	AAB23513	Not Removed
Duplex Fuel Injector Assembly	7000456H02	AAB29107	7000456H02	AAB29107	Not Removed
Simplex Fuel Injector Assembly	7000457H01	AAB23512	7000457H01	AAB23512	Not Removed
Duplex Fuel Injector Assembly	7000456H02	AAB28087	7000456H02	AAB28087	Not Removed

# Shop Findings Report

W0021262



## COMPONENT CONFIGURATION

**Part Number:** 7002907H05  
**Serial number:** HSC-E1525347PL  
**Description:** APS5000A  
**Tail nr:** VP-BBS  
**Removal Date:** UNK  
**Installation Date:** UNK

## EPCOR B.V.

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Phone: +31(0)203161730  
Email: ar@epcor.nl  
EASA: NL.145.1326  
FAA CFRS: E45Y760Y  
VAT Code: NL 8082 47992B01

## AJ WALTER AVIATION Ltd.

The Headquarters  
Maydwell Avenue  
Slinfold  
RH13 0AS WEST SUSSEX  
United Kingdom

## MAINTENANCE MANUALS:

Description	CMM Name	Revision	Revision Date
IPC	4510764	34	24-Feb-2025
CIR	4510763	29	24-Mar-2025
EM	4510762	36	18-Aug-2025

## DEVICE USAGE (INCOMING):

**TSN:** 1133      **TSO:** 0      **TSR:** 1133      **CSN:** 1652      **CSO:** 0      **CSR:** 1652

## REASON OF REMOVAL:

Lease return

## CONCLUSION:

### Preliminary conclusion

Re-Certification Test Only

### Final conclusion

Re-Certification Test Only

## ENGINEERING REMARKS:

For test only.

### Workscope:

- Perform SB 500066.
- Reprogram ISM with SB 500028 and hours 1133 and cycles 1652.
- Oil in exhaust is due to rotation of the APU. No action needed.
- Perform performance test.

## INCOMING INSPECTION:

Other damages and discrepancies:

- LH ASG scavenge filter amber color contaminated
- RH ASG scavenge filter amber color contaminated
- Branches in Oil Cooler Collector
- Ignition Exciter corroded
- Traces of oil leakage from Gearbox Vent Tube

**EPCOR Ref#:** W0021262

**Customer Ref#:** R460898

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**Date Printed:** 18-Feb-26

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# Shop Findings Report

W0021262



- Gap between FMU fire shield and fuel manifolds
- Noticed Oil in exhaust after vertically rotated APU and left for some time

-Attachment bolt, nut and bushing received with APU

## APS PREPARE APU

Description	Inspection value
Customer owned hardware received	See incoming notes
Engine mounts attached	No
External Condition of APU	Dirty
Generator Transport Cover attached	Yes
Hardware missing	None
Hoist Bridge attached	No
Transport stand part/ serial number	See photo

## APS5000 Visual Inspection

Description	Inspection value
APU Received with oil	No
ASG mounting studs damaged	No
Backshells damaged/ loose	No
Condition of Oil	Normal/Clear
Connector pins damaged	No
Contamination on pump inlet assembly	No
Cracked tubes at Exhaust Housing Assy	No
EGT thermocouple on 4 o'clock position is bent	No
EGT thermocouple on 4 o'clock position is leaking air.	No
EGT thermocouple on 8 o'clock position is bent	No
EGT thermocouple on 8 o'clock position is leaking air.	No
Engine Harness Assembly chafed/ damaged	No
Exhaust duct damaged	No
Found FOD on inlet screen	Dirt
Fuel control damaged	No
Fuel filter contaminated	No
Fuel lines damaged	No
Fuel Module Harness Assembly chafed/ damaged	No
Fuel oil heat exchanger bracket cracked	No
Fuel oil heat exchanger leaking	No
Gearbox vent clogged	No
Generator Gear corrosion	No
Ignition unit damaged	No
Inlet housing structure damaged	No
Inlet plenum damaged	No
Insulation blanket torn	No
LH ASG scavenge filter amber color contaminated	Yes
LH ASG scavenge filter metal contaminated	No
Metal chips found on MCD	No
Metal in lube filter	No
Oil cooler dirty	Yes

EPCOR Ref#: W0021262

Customer Ref#: R460898

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# Shop Findings Report

W0021262



Description	Inspection value
Oil cooler matrix damaged	No
Oil in exhaust	Yes
Oil lines damaged	No
Other damages and discrepancies	See incoming notes
Perform DMM readout of APU	Performed
Post SB 500081 Clamps migrated, loose, chafing	Missing
RH ASG scavenge filter amber color contaminated	Yes
RH ASG scavenge filter metal contaminated	No
Rotating group	Turns free
SB66 Fire sleeves length checked	Missing
Speed sensor tip chafed	No
Traces of oil leakage from Forward Carbon Seal Vent Tube (8 o'clock position)	No
Traces of oil leakage from Gearbox Vent Tube (11 o'clock position)	No
Traces of oil leakage from Rear Bearing Oil Scavenge Tube (6 o'clock position)	No
Traces of oil leakage from Rear Bearing Oil Supply Tube (9 o'clock position)	No
Traces of oil leakage from Rear Bearing Vent Tube (12 o'clock position)	No
Traces of oil leakage from Seal Buffer Air Tube (3 o'clock position)	No

## APS5000-LRU INCOMING

Description	Inspection value	Item number	Serial number
APU Fuel Module Harness Assy		7006095	0132
Combustor Drain Check Valve		7000725A	4036-4
Deprime Valve		7000101H01	0418
Dual Oil Pressure Sensors		4952461	49524614263536
Dual Oil Pressure Sensors 2		4952461	49524614263534
Duplex injector Position 10		7000456H02	AAB29107
Duplex injector Position 12		7000456H02	AAB28087
Duplex injector Position 2		7000456H02	AAB27384
Duplex injector Position 4		7000456H02	AAB27385
Duplex injector Position 6		7000456H02	AAB28086
Duplex injector Position 8		7000456H02	AAB28065
EGT Thermocouple		7000151H03	186625
Engine Harness Assy		7006094A	0126
Engine Speed Sensor		7000150H05	184462
Fuel Module		7000546H13	1100
Fuel-Oil Heat Exchanger		7004295H04	PF7588G7-137
Gearbox		7000064F	HSC-G14K0405SNG
Ignition Exciter		7000273H05	503453-5-J15010170
Ignition Lead		7000272H01	504739-2 A-J14280023
Ignition Lead 2		7000272H01	504739-2 A-J13050079
Ignitor		7000305H04	J24240047
Ignitor 2		7000305H04	J24240041

EPCOR Ref#: W0021262

Customer Ref#: R460898

SFR Form 155 Rev. 06

Date Printed: 18-Feb-26

Time: 01:21:02

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# Shop Findings Report

W0021262



Description	Inspection value	Item number	Serial number
Inlet Module Sensor		7000149H03	0178971
Oil Cooler		7000257H02	HEX06-0441
Oil Level Sensor		7000099H01	DTU4578
Oil Pressure Relief Valve		7002375H01	0766
Oil Pressure Relief Valve 2		7002375H01	0755
Oil Temperature Sensor		7000098H01	184869
PMG Stator Assy		7000898H02	14H0008
Powersection		7000063N	LE14G0009
Simplex injector Position 1		7000457H01	AAB23517
Simplex injector Position 11		7000457H01	AAB23512
Simplex injector Position 3		7000457H01	AAB23521
Simplex injector Position 5		7000457H01	AAB23520
Simplex injector Position 7		7000457H01	AAB23515
Simplex injector Position 9		7000457H01	AAB23513

## APU-INCOMING-APU-sections

Description	Inspection value
P/N Gearbox	7000064F
P/N Power Section	7000063N
S/N Gearbox	HSC-G14K0405SNG
S/N Power Section	LE14G0009

## APU-INCOMING-BORESCOPING

Description	Inspection value
Performed Borescope inspection	Yes, see Borescope inspection report

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# Shop Findings Report

W0021262



## WORKSCOPE:

### Main

Description	Inspection Value
Repair Level	Performance Test
Certification level	Inspected / Tested
Found FOD	No
Found DOD	No
Engineering Investigation	No
Metal Contamination	No
Operator	AJW Group
Shop visit count	0
Warranty Request	No

### Power section

Description	Inspection Value
Power Section Complaint	Test & Recertification
Power Section Repair Level	Performance Test
Power Section Disassembly	No Disassembly
Power Section Inspection criteria	On Condition
Power Section Inspection criteria addition	All parts
1st Stage Blades/Rotors Replacement	No
1st Stage Nozzles Replacement	No
Turbine Carbon Seal Replacement	No
Front Carbon Seal Replacement	No
Thrust Ball Bearing Replacement	No
Turbine Roller bearing Replacement	No

### Gearbox

Description	Inspection Value
Gearbox Complaint	None
Gearbox Repair Level	Performance Test
Gearbox Inspection criteria	On Condition
Gearbox Disassembly	No Disassembly
Gearbox Carbon Seal Replacement	No
Gearbox Bearing Replacement	No

### Service Bulletins

Description	Inspection value	Compliance Category
SB 49-500028 APU Time and Cycles Corrections.	Perform SB	8
SB 49-500066 Fuel Manifold Fire Sleeve Length Control - Inspection of	Perform SB	5

### NOTES PERFORMED:

#### ASSEMBLY NOTES:

Replaced all worn, damaged, broken, expendable parts, modified and assembled in accordance with EM: 4510762 Rev. 36.

#### POWER SECTION:

Not Disassembled.

### LRU

Description	Inspection value
APU Fuel Module Harness Assy	LRU Not Removed
Combustor Drain Check Valve	LRU Not Removed
Deprime Valve	LRU Not Removed
Dual Oil Pressure Sensors	LRU Not Removed
Duplex Fuel Injector	LRU Not Removed
EGT Thermocouple	LRU Not Removed
Engine Harness Assy	LRU Not Removed
Engine Speed Sensor	LRU Not Removed
Fuel Module	LRU Not Removed
Fuel-Oil Heat Exchanger	LRU Not Removed
Ignition Exciter	LRU Not Removed
Ignition Lead	LRU Not Removed
Ignitor	LRU Not Removed
Inlet Module Sensor	LRU Not Removed
Oil Cooler	LRU Not Removed
Oil Level Sensor	LRU Not Removed
Oil Pressure Relief Valve	LRU Not Removed
Oil Temperature Sensor	LRU Not Removed
PMG Stator Assy	LRU Not Removed
Simplex Fuel Injector	LRU Not Removed

### LLP

Description	Inspection value
Impeller, Compressor	Not Removed
Disk, Turbine, 1st Stage, Machining	Not Removed
Disk, Turbine, 2ND Stage, Machining	Not Removed

EPCOR Ref#: W0021262

Date Printed: 18-Feb-26

Customer Ref#: R460898

Time: 01:21:02

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# Shop Findings Report

W0021262



GEARBOX:  
Not Removed.

MODIFICATIONS PERFORMED:  
SB: APS-49-500028 Rev. 4. APS-49-500066 Rev. 1.

ROTOR PART STATUS:  
Compressor Impeller: Not removed  
1st Stage Turbine Disk: Not removed  
2nd Stage Turbine Disk: Not removed

TEST NOTES:  
-Performed outgoing boroscope inspection after performance test, no obvious damage found.  
-Unit passed full performance test in accordance with EM: 4510762 Rev. 36.

#### DEVICE CONFIGURATION OUTGOING:

<b>Incoming PN:</b> 7002907H05	<b>Outgoing PN:</b> 7002907H05	<b>Condition:</b> Inspected / Tested
<b>Incoming SN:</b> HSC-E1525347PL	<b>Outgoing SN:</b> HSC-E1525347PL	
<b>Description:</b> APS5000A	<b>Description:</b> APS5000A	

#### DEVICE USAGE (OUTGOING):

<b>TSN:</b> 1137	<b>TSO:</b> UNK	<b>TSR:</b> 1137	<b>CSN:</b> 1659	<b>CSO:</b> UNK	<b>CSR:</b> 1659
------------------	-----------------	------------------	------------------	-----------------	------------------

**EPCOR Ref#:** W0021262  
**Date Printed:** 18-Feb-26

**Customer Ref#:** R460898  
**Time:** 01:21:02

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# Shop Findings Report

W0021262



## ITEM REQUIREMENTS:

### APU\_MAIN

Item number	Product name	Condition	Quantity
4954000	Element, Filter, Dirt Alert	NE	4
7000118H01	Filter Element-Oil	NE	2
7000546-31	Element, Fuel Filter	NE	1
7000943H01	Filter Element,oil (for Generator)	NE	4
7000945	Oil Filter, Paper-Type (test Only)	NE	2
7900035	Parts Kit-Insulation, Fuel Manifold	NE	2
AS3237-16	Bolt	NE	1
AS3244-16	Bolt	NE	3
NAS1805-6	Nut	NE	8

EPCOR Ref#: W0021262

Customer Ref#: R460898

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Date Printed: 18-Feb-26

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HAMILTON SUNDSTRAND POWER SYSTEMS

APS-5000 Inlet Sensor Module (DMM Programming)

Operator: AJ WALTER AVIATION  
Date/Time: 16-02-2026 09:34:18

Inlet Sensor Module P/N: 7000149H03  
Inlet Sensor Module S/N: 0178971  
EEPROM (1-Wire Device) ID: 22000001A1A4F323

-----

APU Part Number: 7000001H04  
APU Serial Number: HSC-E1525347PL  
APUC Serial Number: 0  
APU Cycles: 1652  
APU Hours: 1133  
APU Hours (Ground): 1121  
APU Start Attempts (Gnd): 1635  
APU Start Attempts (Flt): 17  
APU Aborted Starts (Gnd): 0  
APU Aborted Starts (Flt): 0  
APU EGT Max Limit Count: 0  
APU Time EGT Overload: 0

-----

(Addr) Raw Hexadecimal Data

(000h) 37 30 30 30 30 30 31 48 30 34 00 00 00 00 00 FB  
(010h) 48 53 43 2D 45 31 35 32 35 33 34 37 50 4C 00 A8  
(020h) 30 00 00 00 00 00 00 00 00 00 00 00 00 00 00 CF  
(030h) FC FF FC 08 06 74 00 85 5A 5A 5A F1 00 00 00 00  
(040h) 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00  
(050h) 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00  
(060h) 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00  
(070h) 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00  
(080h) 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00  
(090h) FC FF FC 08 04 6D 00 8E 5A 5A 5A F1 00 00 00 00  
(0A0h) 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00  
(0B0h) 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00  
(0C0h) 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00  
(0D0h) 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00  
(0E0h) 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00  
(0F0h) FC FF FC 08 04 61 00 9A 5A 5A 5A F1 00 00 00 00  
(100h) 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00  
(110h) 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00  
(120h) FC FF FC 08 06 63 00 96 5A 5A 5A F1 00 00 00 00  
(130h) 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00

(140h) 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00  
(150h) FC FF FC 08 00 11 00 EE 5A 5A 5A F1 00 00 00 00  
(160h) 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00  
(170h) 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00  
(180h) FC FF FC 08 00 00 00 FF 5A 5A 5A F1 00 00 00 00  
(190h) FC FF FC 08 00 00 00 FF 5A 5A 5A F1 00 00 00 00  
(1A0h) FC FF FC 08 00 00 00 FF 5A 5A 5A F1 00 00 00 00  
(1B0h) 00 00 00 00 00 00 00 00 FC FF FC 08 00 00 00 FF  
(1C0h) 5A 5A 5A F1 00 00 00 00 00 00 00 00 00 00 00  
(1D0h) 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00  
(1E0h) 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00  
(1F0h) 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00

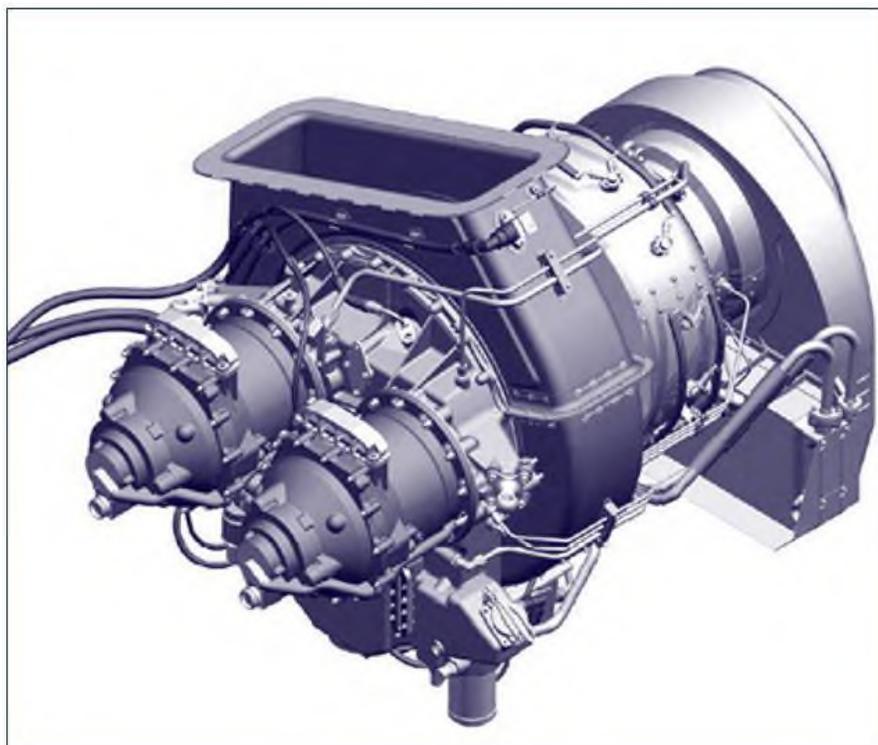
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# Detailed Borescope Report

Comprehensive Borescope Examination of APU's Internal Components

APU Model: APS5000

PN:7002907





## Inspection Details

<b>Menu Directed</b>	PWC-APS
<b>APU Serial Number</b>	HSC-E1525347PL
<b>Work Order</b>	W0021262
<b>Customer</b>	AJ Walker
<b>Reason for Removal APU</b>	Test Only
<b>Inspector Name</b>	D. Commandeur
<b>Date</b>	20260211
<b>Time</b>	141218

### Inspection Summary

- No Images/Approved Nodes
- No Flagged Images
- Flagged Images

	<b>Inspection Points</b>	<b>Approved Inspection Points</b>	<b>Images</b>	<b>Flagged Images</b>
<input type="checkbox"/> Engine Compressor	2	0	8	0
<input type="checkbox"/> Combustor	1	0	2	0
<input type="checkbox"/> Turbine Section	4	0	21	0



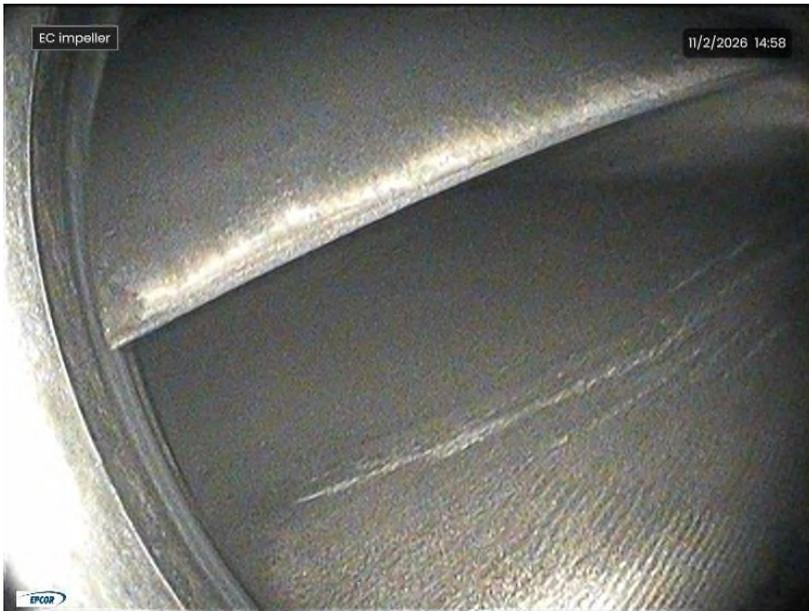
Engine\_Compressor\_EC\_impeller\_001.jpg

Module	Engine Compressor
Component	Compressor Impeller
Findings	No obvious damage
Comments	



Engine\_Compressor\_EC\_impeller\_002.jpg

Module	Engine Compressor
Component	Compressor Impeller
Findings	No obvious damage
Comments	



Engine\_Compressor\_EC\_impeller\_004.jpg

Module	Engine Compressor
Component	Compressor Impeller
Findings	No obvious damage
Comments	



Engine\_Compressor\_EC\_impeller\_005.jpg

Module	Engine Compressor
Component	Compressor Impeller
Findings	No obvious damage
Comments	



Engine\_Compressor\_EC\_impeller\_006.jpg

Module	Engine Compressor
Component	Compressor Impeller
Findings	No obvious damage
Comments	



Engine\_Compressor\_EC\_impeller\_007.jpg

Module	Engine Compressor
Component	Compressor Impeller
Findings	No obvious damage
Comments	



Engine\_Compressor\_EC\_Diffuser\_002.jpg

Module	Engine Compressor
Component	Compressor Diffuser
Findings	No obvious damage
Comments	



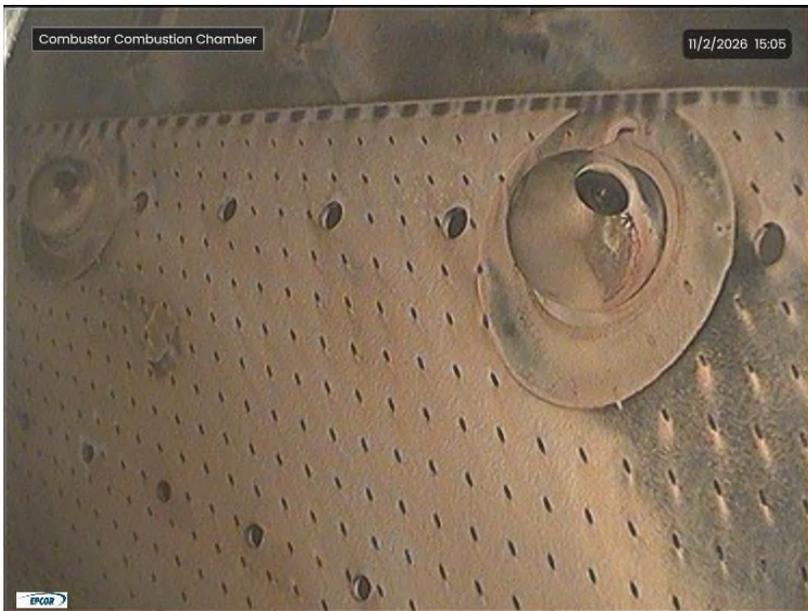
Engine\_Compressor\_EC\_Diffuser\_003.jpg

Module	Engine Compressor
Component	Compressor Diffuser
Findings	No obvious damage
Comments	



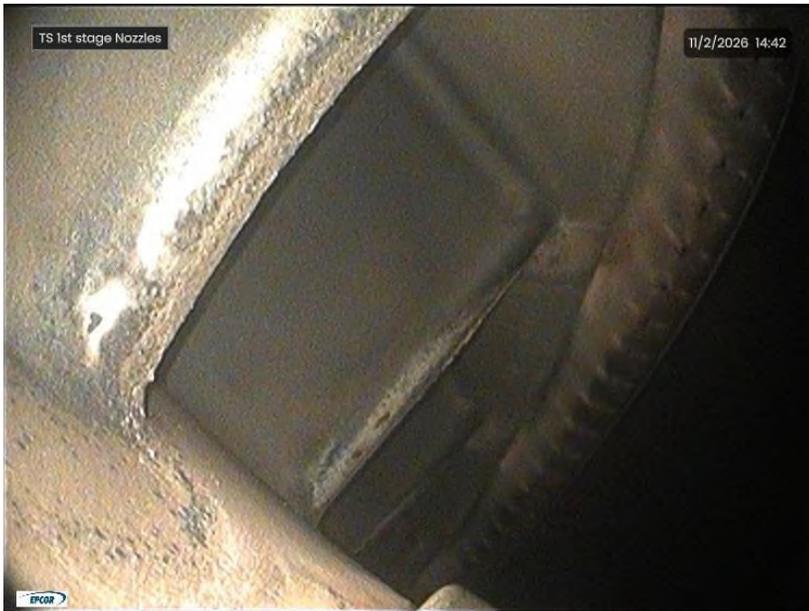
Combustor\_Combustion\_Chamber\_002.jpg

Module	Combustor
Component	Combustion Chamber
Findings	No obvious damage
Comments	



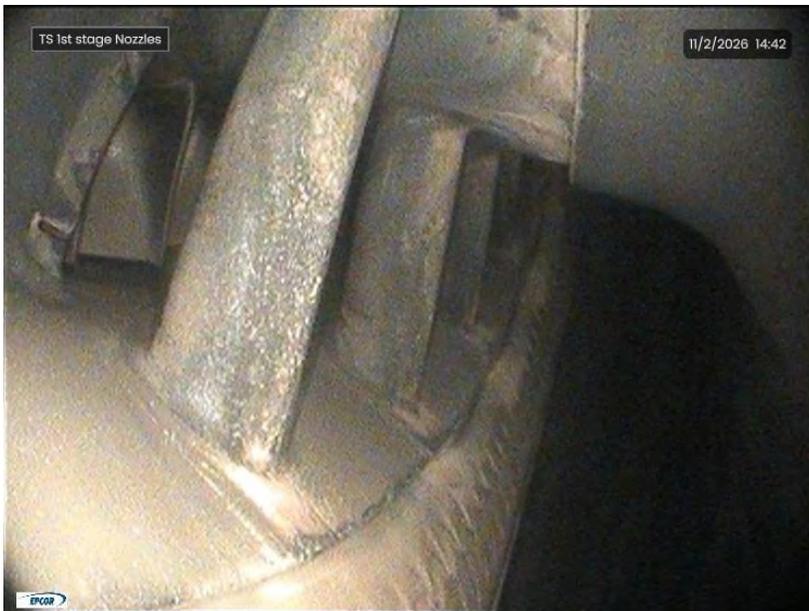
Combustor\_Combustion\_Chamber\_003.jpg

Module	Combustor
Component	Combustion Chamber
Findings	No obvious damage
Comments	



Turbine\_Section\_Turbine\_Nozzles\_002.jpg

Module	Turbine Section
Component	1st stage Turbine Nozzles
Findings	No obvious damage
Comments	



Turbine\_Section\_Turbine\_Nozzles\_003.jpg

Module	Turbine Section
Component	1st stage Turbine Nozzles
Findings	No obvious damage
Comments	



Turbine\_Section\_Turbine\_Nozzles\_004.jpg

Module	Turbine Section
Component	1st stage Turbine Nozzles
Findings	No obvious damage
Comments	



Turbine\_Section\_Turbine\_Nozzles\_005.jpg

Module	Turbine Section
Component	1st stage Turbine Nozzles
Findings	No obvious damage
Comments	



Turbine\_Section\_Turbine\_Rotor\_002.jpg

Module	Turbine Section
Component	1st stage Turbine Rotor
Findings	Small nick on the LE
Comments	



Turbine\_Section\_Turbine\_Rotor\_003.jpg

Module	Turbine Section
Component	1st stage Turbine Rotor
Findings	No obvious damage
Comments	No visible blade walk



Turbine\_Section\_Turbine\_Rotor\_004.jpg

Module	Turbine Section
Component	1st stage Turbine Rotor
Findings	No obvious damage
Comments	



Turbine\_Section\_Turbine\_Rotor\_005.jpg

Module	Turbine Section
Component	1st stage Turbine Rotor
Findings	No obvious damage
Comments	



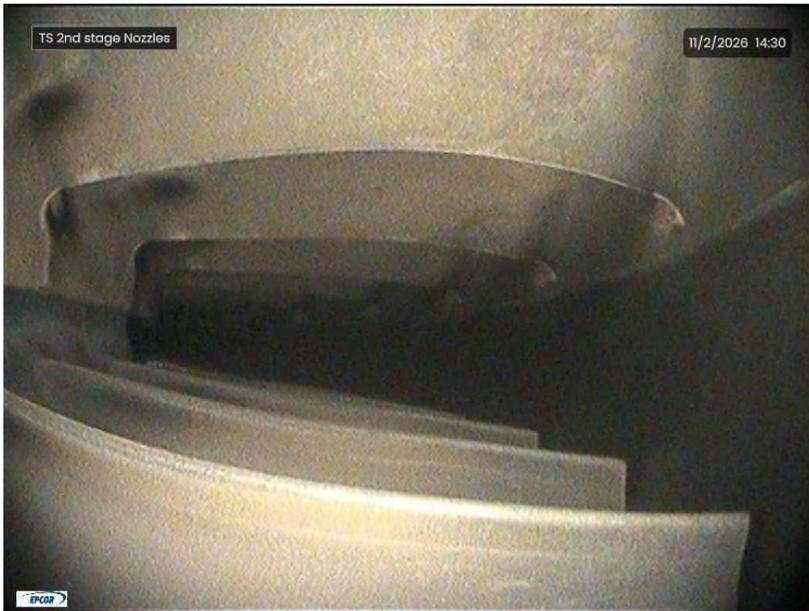
2nd\_stage\_Turbine\_Nozzles\_001.jpg

Module	Turbine Section
Component	2nd stage Turbine Nozzles
Findings	No obvious damage
Comments	



2nd\_stage\_Turbine\_Nozzles\_002.jpg

Module	Turbine Section
Component	2nd stage Turbine Nozzles
Findings	No obvious damage
Comments	



2nd\_stage\_Turbine\_Nozzles\_003.jpg

Module	Turbine Section
Component	2nd stage Turbine Nozzles
Findings	No obvious damage
Comments	



2nd\_stage\_Turbine\_Nozzles\_005.jpg

Module	Turbine Section
Component	2nd stage Turbine Nozzles
Findings	Nick on the TE
Comments	



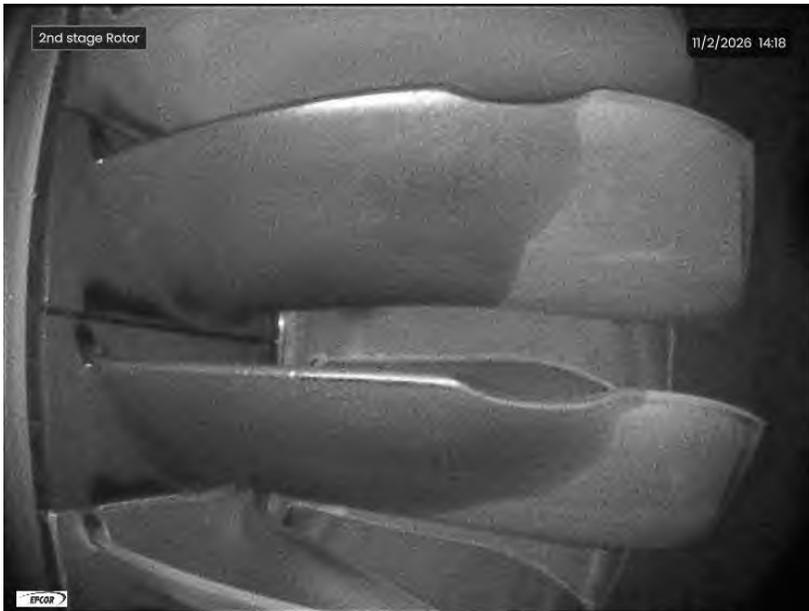
2nd\_stage\_Turbine\_Nozzles\_006.jpg

Module	Turbine Section
Component	2nd stage Turbine Nozzles
Findings	Minor damage on the TE
Comments	



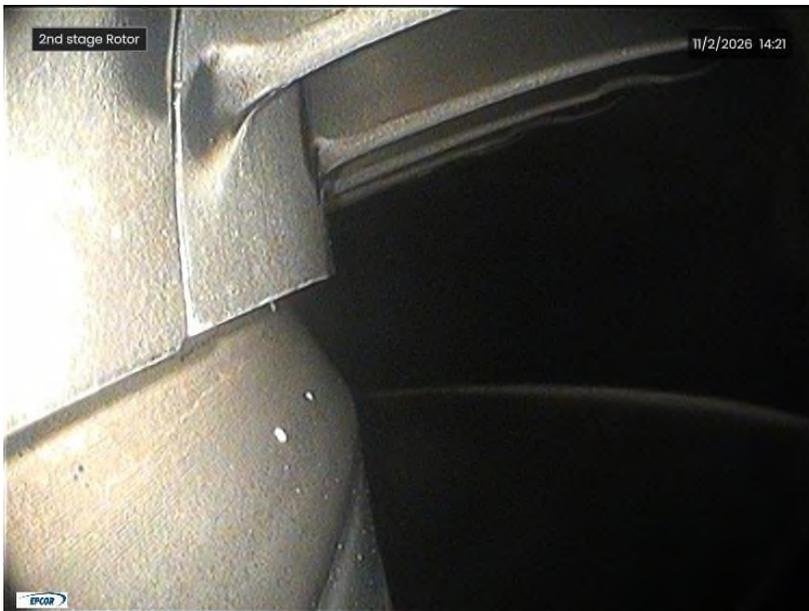
2nd\_stage\_Turbine\_Rotor\_002.jpg

Module	Turbine Section
Component	2nd stage Turbine Rotor
Findings	No obvious damage
Comments	



2nd\_stage\_Turbine\_Rotor\_003.jpg

Module	Turbine Section
Component	2nd stage Turbine Rotor
Findings	No obvious damage
Comments	Blades oil wetted



2nd\_stage\_Turbine\_Rotor\_004.jpg

Module	Turbine Section
Component	2nd stage Turbine Rotor
Findings	Minor blade walk
Comments	



2nd\_stage\_Turbine\_Rotor\_006.jpg

Module	Turbine Section
Component	2nd stage Turbine Rotor
Findings	No obvious damage
Comments	



2nd\_stage\_Turbine\_Rotor\_007.jpg

Module	Turbine Section
Component	2nd stage Turbine Rotor
Findings	No obvious damage
Comments	



2nd\_stage\_Turbine\_Rotor\_009.jpg

Module	Turbine Section
Component	2nd stage Turbine Rotor
Findings	Small nick on the LE
Comments	



2nd\_stage\_Turbine\_Rotor\_010.jpg

Module	Turbine Section
Component	2nd stage Turbine Rotor
Findings	No obvious damage
Comments	



2nd\_stage\_Turbine\_Rotor\_011.jpg

Module	Turbine Section
Component	2nd stage Turbine Rotor
Findings	No obvious damage
Comments	

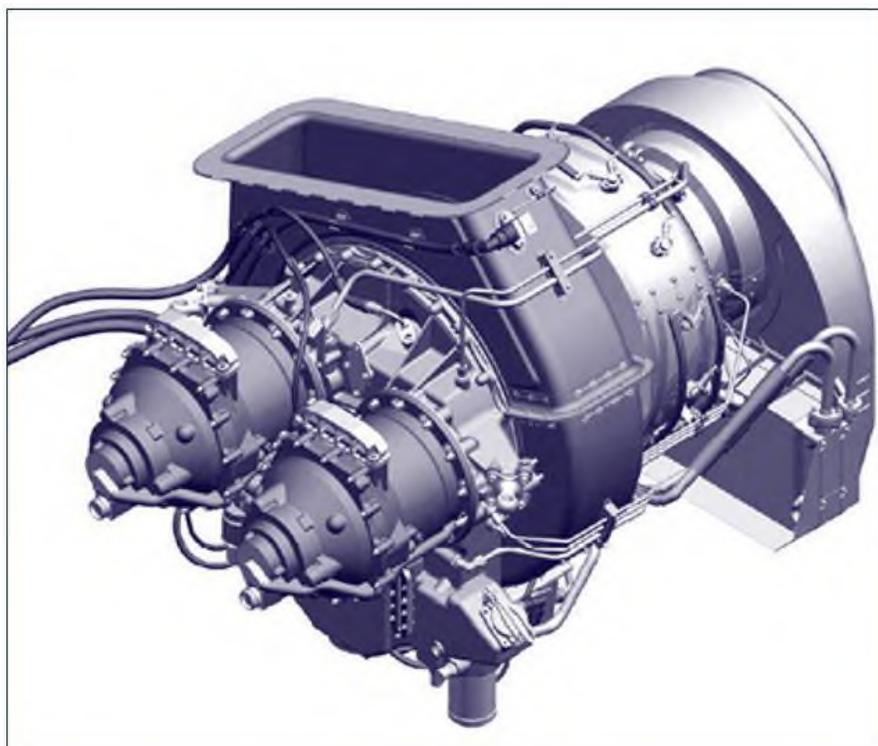
# Detailed Borescope Report

Comprehensive Borescope Examination of APU's Internal Components

APU Model: APS5000

PN:7002907

EM:4510762 Rev. 36.





## Inspection Details

<b>Menu Directed</b>	PWC-APS
<b>APU Serial Number</b>	HSC-E1525347PL #2
<b>Work Order</b>	W0021262 #2
<b>Customer</b>	AJ Walter Aviation
<b>Reason for Removal APU</b>	Outgoing BSI
<b>Inspector Name</b>	S. Sewdien
<b>Date</b>	20260218
<b>Time</b>	072952

### Inspection Summary

- No Images/Approved Nodes
- No Flagged Images
- Flagged Images

	<b>Inspection Points</b>	<b>Approved Inspection Points</b>	<b>Images</b>	<b>Flagged Images</b>
<input type="checkbox"/> Engine Compressor	2	0	11	0
<input type="checkbox"/> Combustor	1	0	6	0
<input type="checkbox"/> Turbine Section	4	0	21	0



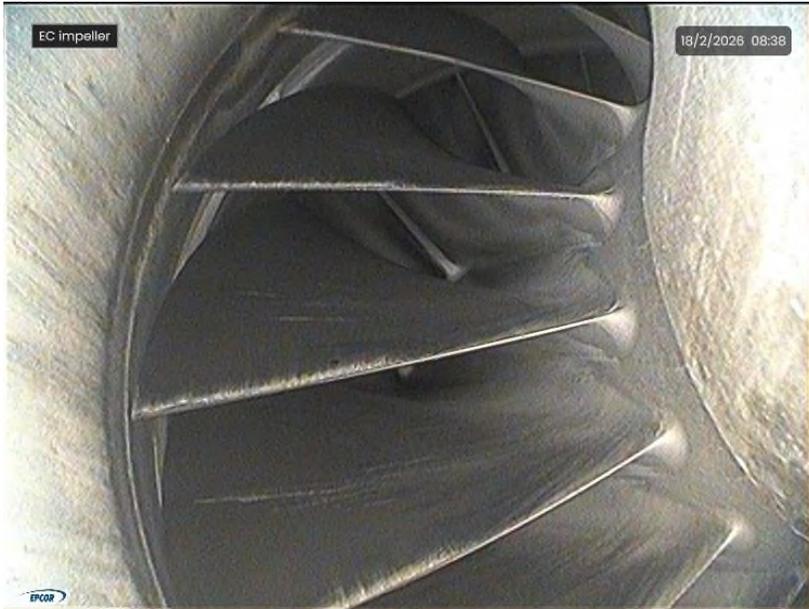
Engine\_Compressor\_EC\_impeller\_001.jpg

Module	Engine Compressor
Component	Compressor Impeller
Findings	No obvious damage
Comments	



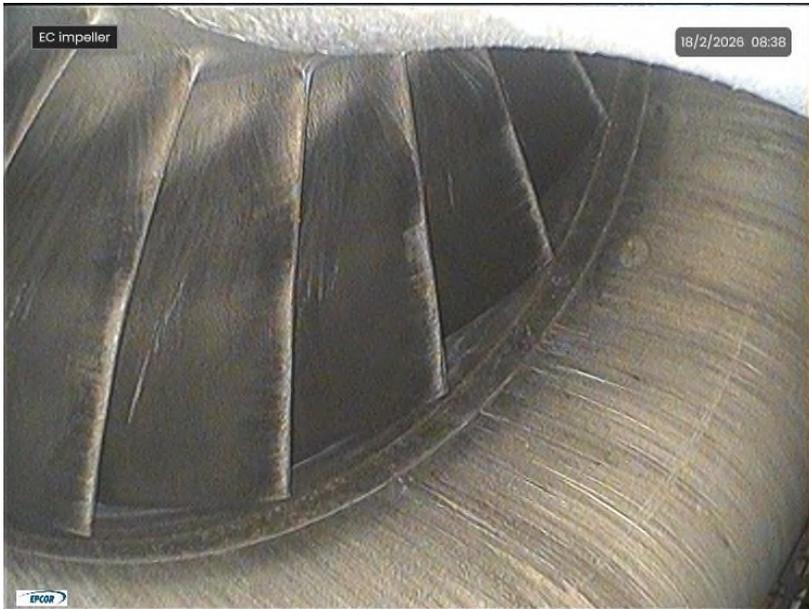
Engine\_Compressor\_EC\_impeller\_002.jpg

Module	Engine Compressor
Component	Compressor Impeller
Findings	No obvious damage
Comments	



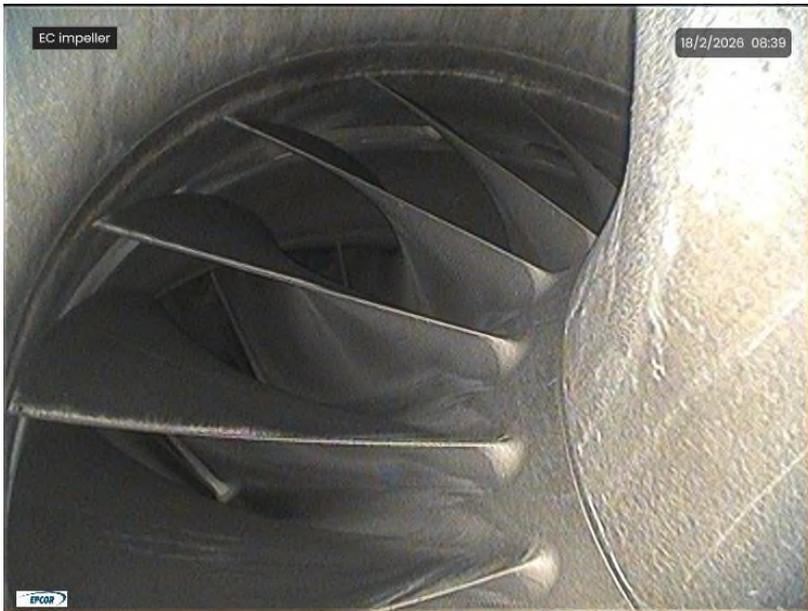
Engine\_Compressor\_EC\_impeller\_004.jpg

Module	Engine Compressor
Component	Compressor Impeller
Findings	No obvious damage
Comments	



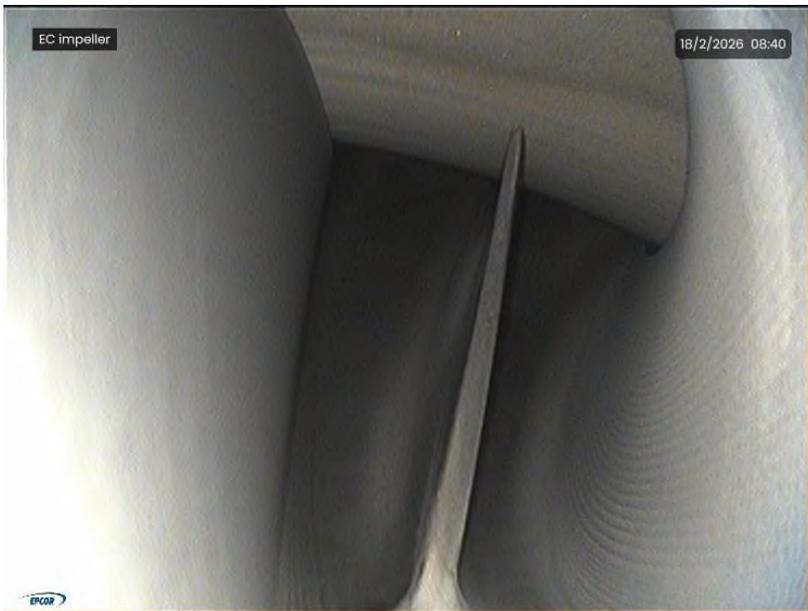
Engine\_Compressor\_EC\_impeller\_005.jpg

Module	Engine Compressor
Component	Compressor Impeller
Findings	No obvious damage
Comments	



Engine\_Compressor\_EC\_impeller\_006.jpg

Module	Engine Compressor
Component	Compressor Impeller
Findings	No obvious damage
Comments	



Engine\_Compressor\_EC\_impeller\_007.jpg

Module	Engine Compressor
Component	Compressor Impeller
Findings	No obvious damage
Comments	



Engine\_Compressor\_EC\_Diffuser\_001.jpg

Module	Engine Compressor
Component	Compressor Diffuser
Findings	No obvious damage
Comments	



Engine\_Compressor\_EC\_Diffuser\_002.jpg

Module	Engine Compressor
Component	Compressor Diffuser
Findings	No obvious damage
Comments	



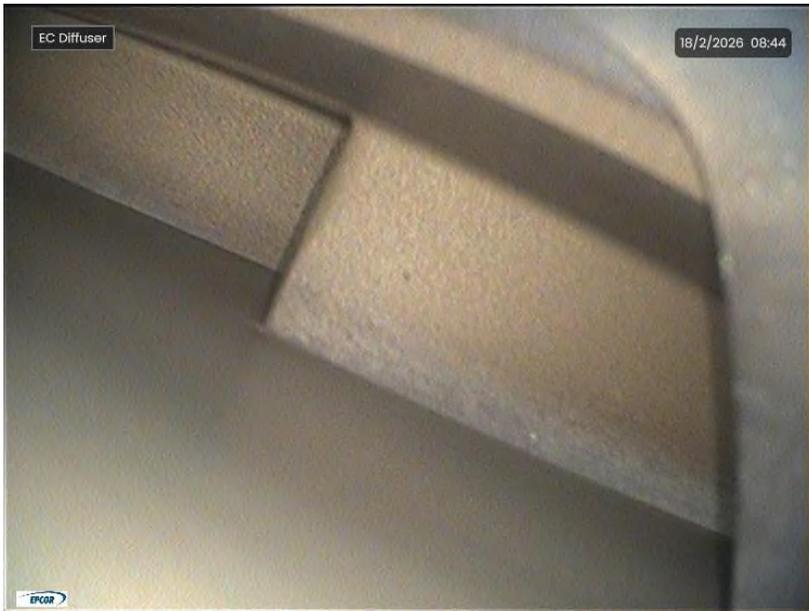
Engine\_Compressor\_EC\_Diffuser\_004.jpg

Module	Engine Compressor
Component	Compressor Diffuser
Findings	No obvious damage
Comments	



Engine\_Compressor\_EC\_Diffuser\_005.jpg

Module	Engine Compressor
Component	Compressor Diffuser
Findings	No obvious damage
Comments	



Engine\_Compressor\_EC\_Diffuser\_006.jpg

Module	Engine Compressor
Component	Compressor Diffuser
Findings	No obvious damage
Comments	



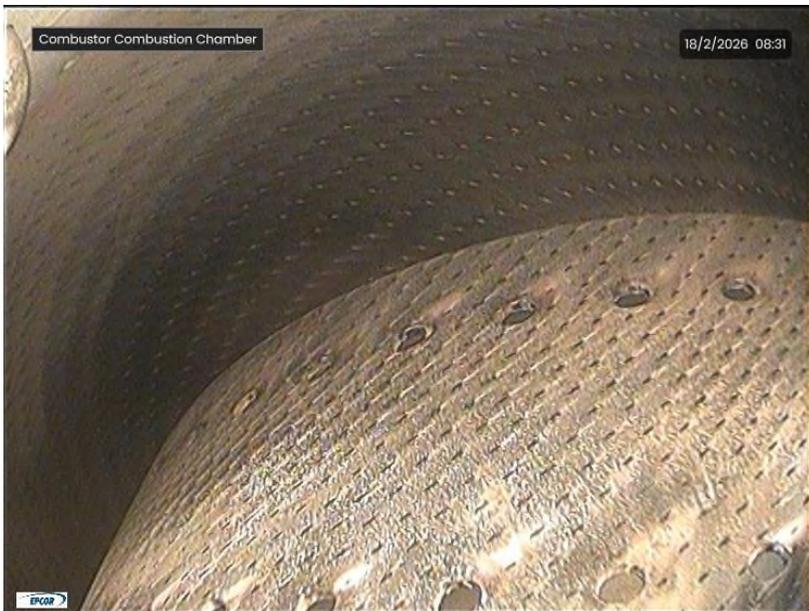
Combustor\_Combustion\_Chamber\_001.jpg

Module	Combustor
Component	Combustion Chamber
Findings	No obvious damage
Comments	



Combustor\_Combustion\_Chamber\_002.jpg

Module	Combustor
Component	Combustion Chamber
Findings	No obvious damage
Comments	



Combustor\_Combustion\_Chamber\_003.jpg

Module	Combustor
Component	Combustion Chamber
Findings	No obvious damage
Comments	



Combustor\_Combustion\_Chamber\_004.jpg

Module	Combustor
Component	Combustion Chamber
Findings	No obvious damage
Comments	



Combustor\_Combustion\_Chamber\_006.jpg

Module	Combustor
Component	Combustion Chamber
Findings	No obvious damage
Comments	



Combustor\_Combustion\_Chamber\_007.jpg

Module	Combustor
Component	Combustion Chamber
Findings	No obvious damage
Comments	



Turbine\_Section\_Turbine\_Nozzles\_001.jpg

Module	Turbine Section
Component	1st stage Turbine Nozzles
Findings	No obvious damage
Comments	



Turbine\_Section\_Turbine\_Nozzles\_002.jpg

Module	Turbine Section
Component	1st stage Turbine Nozzles
Findings	No obvious damage
Comments	



Turbine\_Section\_Turbine\_Nozzles\_003.jpg

Module	Turbine Section
Component	1st stage Turbine Nozzles
Findings	No obvious damage
Comments	



Turbine\_Section\_Turbine\_Nozzles\_004.jpg

Module	Turbine Section
Component	1st stage Turbine Nozzles
Findings	No obvious damage
Comments	



Turbine\_Section\_Turbine\_Nozzles\_005.jpg

Module	Turbine Section
Component	1st stage Turbine Nozzles
Findings	No obvious damage
Comments	



Turbine\_Section\_Turbine\_Rotor\_002.jpg

Module	Turbine Section
Component	1st stage Turbine Rotor
Findings	No obvious damage
Comments	



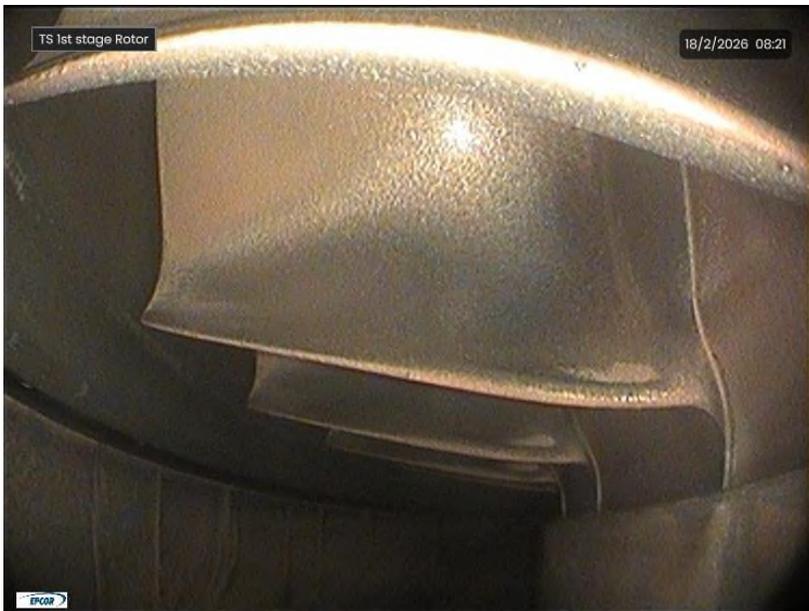
Turbine\_Section\_Turbine\_Rotor\_003.jpg

Module	Turbine Section
Component	1st stage Turbine Rotor
Findings	No obvious damage
Comments	



Turbine\_Section\_Turbine\_Rotor\_004.jpg

Module	Turbine Section
Component	1st stage Turbine Rotor
Findings	No obvious damage
Comments	



Turbine\_Section\_Turbine\_Rotor\_005.jpg

Module	Turbine Section
Component	1st stage Turbine Rotor
Findings	No obvious damage
Comments	



Turbine\_Section\_Turbine\_Rotor\_006.jpg

Module	Turbine Section
Component	1st stage Turbine Rotor
Findings	No obvious damage
Comments	



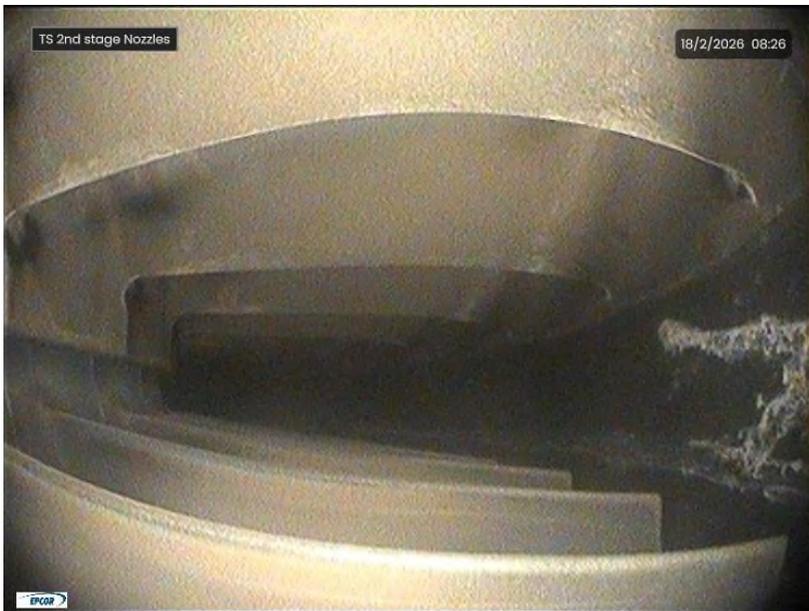
2nd\_stage\_Turbine\_Nozzles\_001.jpg

Module	Turbine Section
Component	2nd stage Turbine Nozzles
Findings	No obvious damage
Comments	



2nd\_stage\_Turbine\_Nozzles\_002.jpg

Module	Turbine Section
Component	2nd stage Turbine Nozzles
Findings	No obvious damage
Comments	



2nd\_stage\_Turbine\_Nozzles\_004.jpg

Module	Turbine Section
Component	2nd stage Turbine Nozzles
Findings	No obvious damage
Comments	



2nd\_stage\_Turbine\_Nozzles\_005.jpg

Module	Turbine Section
Component	2nd stage Turbine Nozzles
Findings	No obvious damage
Comments	



2nd\_stage\_Turbine\_Rotor\_001.jpg

Module	Turbine Section
Component	2nd stage Turbine Rotor
Findings	No obvious damage
Comments	



2nd\_stage\_Turbine\_Rotor\_002.jpg

Module	Turbine Section
Component	2nd stage Turbine Rotor
Findings	No obvious damage
Comments	



2nd\_stage\_Turbine\_Rotor\_003.jpg

Module	Turbine Section
Component	2nd stage Turbine Rotor
Findings	No obvious damage
Comments	



2nd\_stage\_Turbine\_Rotor\_004.jpg

Module	Turbine Section
Component	2nd stage Turbine Rotor
Findings	No obvious damage
Comments	



2nd\_stage\_Turbine\_Rotor\_005.jpg

Module	Turbine Section
Component	2nd stage Turbine Rotor
Findings	No obvious damage
Comments	