

1. Approving Civil Aviation Authority/Country TRANSPORT CANADA		2. AUTHORIZED RELEASE CERTIFICATE FORM ONE		3. Form Tracking No. AC25622	
4. Organization Name and Address  Essential Turbines Inc.		Essential Turbines Inc. 443 Meloche Avenue Dorval H9P 2W2 Canada Tel: 514-633-4458 Fax: 514-633-6308 Email: info@a250.com Web: www.essentialturbines.com		5. Work Order/Contract/Invoice WO38641	
6. Item 1	7. Description Turbine Assy, C20B,F,J	8. Part No. 23038241	9. Qty. 1	10. Serial/Batch No. CAT-38178P	11. Status/Work Repaired
12. Remarks The unit was repaired and functionally tested IAW the Rolls-Royce 250-C20 Series 10W3 Overhaul Manual, Revision 1, dated 1 Apr. 2026. A 300 hour inspection was completed IAW the Rolls-Royce 250-C20 Series 10W2 Operation and Maintenance Manual, Revision 1, dated 1 Apr. 2026. Note: CEB 1414 R1 and CEB 1417 R1 have been complied with. Note: Times and cycles are based on customer-supplied tracking sheets; log cards were not provided. Note: Shipped less vertical firewall.					
TSN: 14046.70, TSO: 50.10, CSN: NIK, CSO: 50.00					
13a. Certifies that the items identified above were manufactured in conformity to:		14a.			
☐ Approved design data and are in condition for safe operation ☐ Non-approved design data specified in block 12		☒ CAR 571.10 maintenance release ☐ Other regulations specified in block 12 Certifies that, except where otherwise specified in block 12, the work identified in block 11 and described in block 12 has been performed in compliance with the Canadian Aviation Regulations.			
13b. Signature	13c. Approved Organization Number	14b. Signature 		14c. Approved Organization Number AMO 37-94	
13d. Name	13e. Date (dd/mm/yyyy)	14d. Name David Bergeron		14e. Date (dd/mm/yyyy) 08/Oct/2026	
INSTALLER RESPONSIBILITIES This certificate does not constitute authority to install. Installers working in accordance with the national regulations of a country other than that specified in block 1 must ensure that their regulations recognize certifications from the country specified. Statements in blocks 13a or 14a do not constitute installation certification. In all cases, the technical record for the aircraft must contain an installation certification issued in accordance with the applicable national regulations before the aircraft may be flown.					

Life Limited Components Fitted

Essential Turbines Inc.
09-Oct-26 L Mcleod

Project No: WO38641	Installed TSN: 14046.70	TSO: 50.10	Part No: 23038241	Serial No: CAT-38178P
Customer: Avon Aero	CSN: N/K	CSO: 50.00	Description: Turbine Assy, C20B,F,J	
Cust. Ref:				

Project No:	Module Code:	Part No:	Description:	Serial No:	TSN:	TSO:	CSN:	CSO:	TTR:	TTO/I:	TCR:	CTO/I:
WO38641		M250-10223	Wheel, Turbine, 1st Stage	X607854	50.10	New	50.00	New	1724.90	N/A	2950.00	N/A
WO38641		23073854	Wheel, Turbine, 2nd Stage	X608713	50.10	New	50.00	New	1724.90	N/A	2950.00	N/A
WO38641		6899373	Wheel, Turbine, 3rd Stage	WX62931	3453.20	50.10	3028.00	50.00	1096.80	N/A	2972.00	N/A
WO38641		6853279	Wheel, Turbine, 4th Stage	HX61178	3354.90	50.10	4346.00	50.00	1195.10	N/A	1654.00	N/A
WO38641		23084419	Diaphragm, 2nd Stage Nozzle	MA227159	50.10	New	50.00	New	1699.90	N/A	2950.00	N/A
WO38641		23068265	Tiebolt, Turbine	NM87443	N/A	N/A	2908.00	50.00	N/A	N/A	6092.00	N/A
WO38641		23073533	Shield Assy, Turbine Nozzle, 1st Stage	1105-102	N/A	N/A	N/K	50.00	O/C	O/C	O/C	O/C



TRANSFER RECORD

TUBINE FILTRES

Part II

Page No.

Turbine Serial Number

CAT- 39/78P

Engine Model 250- C20

[illegible]



Part IV
Page No.

Page No. 1

Turbine Serial Number	CAT- 3878P	Engine Model	250- C20
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ASSEMBLY RECORD TURBINE ASSEMBLY

TURBINE PVA (10/98)

Part V

Page No.

Turbine Serial Number CAT- 38178P

Engine Model 250- C20

INSTALLED			REMOVED			
Nomenclature	Part Number Serial Number	Date	Turbine	Component	Turbine	Component
			TT CYCLES	TT CYCLES	TT CYCLES	TT CYCLES
1st Stage Wheel	M750-10223 X602954 23073854	8 oct 2026	14046.7 50.10	50.10 50		
2nd Stage Wheel	X608713 6899373 WX62931	8 oct 2026	14046.7 50.10	50.10 3453.20		
3rd Stage Wheel	6853279 HX61178 23073533	8 oct 2026	14046.7 50.10	3028.00 3354.40		
4th Stage Wheel 1st stage outboard L.H.	1105-1072 23084419 MA227159	8 oct 2026	14046.7 50.10	N/A N/A		
2nd stage nozzle disassembly	23068265 NIM87443	8 oct 2026	14046.7 50.10	50.10 N/A		
Tie Bolt				2908.00		



Part I

Page No.

Turbine Serial Number **CAT- 38178P**

Engine Model 250-C20

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TURBINE P111B (10/98)

AD NOTE COMPLIANCE AND CEB MODIFICATION RECORD TURBINE ASSEMBLY

Part III
Page No.

Turbine Serial Number	CAT- 30178P	Engine Model	250- C20
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TURBINE P111B (10/98)

AD NOTE COMPLIANCE AND CEB MODIFICATION RECORD TURBINE ASSEMBLY

Part III
Page No.

Compressor Serial Number

Engine Model 250-

[illegible]



TURBINE P/VIB (10/98)

CYCLE RECORD TURBINE ASSEMBLY

Part VI
Page N

Turbine Serial Number CAT- 38178P **Engine Model** 250- C20

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