

Part I
Page No. 1

Engine Model ~~250-B17C~~ 250-B17E

~~P/N. 23005700~~

[illegible]

Part II 1
Page No. _____

Engine Serial Number CAE - 880290 K

Engine Model ~~250-B17C~~ 250-B17E

[illegible]

Part III _____ 1
Page No. _____

Engine Model ~~250-B17C~~ 250-B17E

~~P/N. 23005700~~

Compliance Date	Bulletin or Directive No.	Title	Signature	Organization
17-7-81	CEB 1045	ENGINE ANTI ICING VALVE POPPET SEAT SCREW SPECIAL INSPECTION.	[Signature]	ELICOTTI MERIDIONALI Frosinone - Italia
8 Gennaio 1984	CEB 1151	Controlli funzionamento Reg. giri elica	[Signature]	Siai-Marchetti
10.10.86	CSL 1030/PA.77-181	Ghiiera esterna collegam. turbine potenza P/N. 6846278 (ispezione)		Siai-Marchetti
"	CEBA 1194	Tubo PC.		Siai-Marchetti
7-4-87	CSL 1030/PA.77-181	Ispez. ghiere esterna collij. turb. pot. 6846278	[Signature]	Siai-Marchetti
28-9-89	CEB 1137	SUNSTRAND FUEL PUMP AND FILTER ASSEMBLY SINGLE ELEMENT DRIVESHAFT AND GEARS	[Signature]	ELICOTTI MERIDIONALI Frosinone - Italia
28-9-89	CEB 1167	ENGINE FUEL CONTROL BENDIX F.C. AND P.T.G. ASSEMBLIES AND FILTER FITTINGS.	[Signature]	ELICOTTI MERIDIONALI Frosinone - Italia
28-9-89	CEB 1204	ENGINE F.C. SYSTEM WOODWARD PROPELLER OVERSPEED GOVERNOR ASSEMBLY REMOVE AND REPLACE.	[Signature]	ELICOTTI MERIDIONALI Frosinone - Italia

MODIFICATION RECORD

ENGINE ASSEMBLY

Part III

2

Page No.

FORM 2783A-1(4-79)

Engine Serial Number CAE - 880290 K

Engine Model ~~B17D~~ ~~250-B17C~~ 250-B17E

Compliance Date	Bulletin or Directive No.	Title	Signature	Organization
18 Dec 91	CEB TP-1167	FCU Filter Fitting		A.S.I.
18 Dec 91	CEB TP-1174	FCU Modification		A.S.I.
18 Dec 91	CEB TP-1180	FCU Cam Limit		A.S.I.
18 Dec 91	CEB TP-1186	B17C to B17E Conversion		A.S.I.
18 Dec 91	CEB TP-1221	#1 Brg Oil Tube Replace.		A.S.I.
18 Dec 91	AD 88-17-01	FCU Modify. N/A by S/N installed.		A.S.I.
18 Dec 91	AD 82-24-05	FCU & Gov Modify. N/A by P/N installed.		A.S.I.
18 Dec 91	AD 77-09-08	Bleed Valve Strainer. Found in compliance.		A.S.I.
18 Dec 91	CEB TP-1179R1	Conversion authorization.		A.S.I.
10-27-92	TP CEB-A-1319	Fuel Hose Replacement- N/A By Date Code		A.S.I.
9-20-94	TP CEB-1249R2	Bleed Valve Improved Bushing Install		A.S.I.

MODIFICATION RECORD

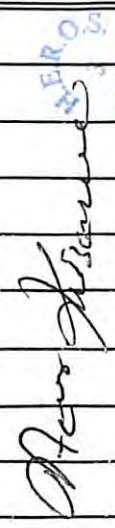
Part III

Page: 3

P/N 23031861

S/N CAE-880290K

Model 250-B17E

Compliance Date	Commercial Engine Bulletin Number	Rev	TITLE	Signature	Agency & FAA Certification Number
27-May-21	<u>TP CEB - 1145</u>	<u>0</u>	Combustion Liner Modification		H.E.R.O.S., Inc.
27-May-21	<u>TP CEB - 1251</u>	<u>0</u>	Engine, Compressor Assy, Lubrication Oil System Tubing - Add Spacer		F.A.A. C.R.S #
27-May-21	<u>TP CEB - 1261</u>	<u>1</u>	Turbine Pressure & Scavenge Fittings, Add Seal		HEFR202K
27-May-21	<u>TP CEB - 1262</u>	<u>2</u>	Combustion Liner Modification		EASA145.5929
27-May-21	<u>TP CEB - 1272</u>	<u>1</u>	Anti Ice Valve Modification		
27-May-21	<u>TP CEB - 1307</u>	<u>1</u>	Start Counter Assy - Removal/Installation		
27-May-21	<u>TP CEB-A-1321</u>	<u>1</u>	Visual Inspection of Compressor Scroll Pressure Probes		
27-May-21	<u>TP CSL 1223</u>	<u>0</u>	Outer Combustion Case Leak Tec Inspection		



Rolls Royce Model 250 Series Engine Assy.

Airworthiness Directive (AD) Compliance Record

Repetitive Bulletin Compliance Record



Part III

Page: 4

P/N 23031861

S/N CAE-880290K

Model 250-B17E

AD Number	Related Bulletin Number	Date and Hours at Compliance	Method of Compliance	One Time	Recurring	Next Compliance Date and Hours	Agency & F.A.A. Certification Number
2004-26-09	CEB 1325 R5 . Ref CEB-A-1392 R 4	27-May-21	Compressor Coupling Adapter P/N 23039791; Replace with P/N Adapter P/N 23076559	X			H.E.R.O.S., Inc.
		1,977.9					F.A.A. C.R.S #
		Signature					HEFR202K
		Heros P. Kajberouni / AM			EASA145.5929		

INSPECTION — MAINTENANCE — OVERHAUL RECORD
ENGINE ASSEMBLY

FORM 2784A-1 (4-79)

Engine Serial Number CAE - 880290 KEngine Model ^{B17D}~~250-B17E~~ 250-B17E

P/N 23031861

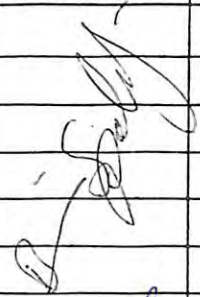
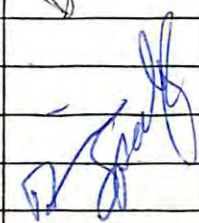
~~P/N 23005700~~

Date	Engine Time		Remarks	Signature	Organization
	Since OH	Total			
6-20-79	NEW	0.0	FUEL SYSTEM PRESERVED WITH MIL-0-6081 OIL.	<i>Shawson</i>	DDA-GMC
17-7-81	NEW	0.0	SISTEMA CARBURANTE PRESERVATO CON OLIO MIL-C-6081 GRADE 1010.	<i>P</i>	ELICOTTERI MERIDIONALI Frosinone - Italia
28-9-89	-	217.20	T/MOTORE RIPARATO, PRESERVATO CON OLIO: MIL-C-2341A E MIL- C-6081 GRADE 1010.	<i>Sidi</i>	ELICOTTERI MERIDIONALI Frosinone - Italia
19-4-81		217.20	Delivered with tot cycles 562	<i>Luxura</i>	AGUSTA
-----	End of entry. See		page 2 for next entry.	-----	-----

INSPECTION — MAINTENANCE — OVERHAUL RECORD
ENGINE ASSEMBLY

FORM 2784A-1 (4-79)

Engine Serial Number CAE- 880290 KEngine Model ~~B17D~~
~~250-B17E~~ 250-B17E

Date	Engine Time		Remarks	Signature	Organization
	Since OH	Total			
16Dec91	TSN 217.2	217.2	Reworked and reidentified engine		A.S.I.
	TCSN 562		Assy to B17E configuration P/N		
			23031861. Complied with full per-		
			formance test, reference ASI W.O.		
			80,145 for details, FAA Repair Sta-		ASI
			tion TU3R880L.		
10/27/92	TSN 217.2	217.2	Inspection engine Assy. for damage		
	TCSO	TC:562	& contamination. Reference ASI W/O		
			40,185 for details, FAA repair		
			station TU3R880L		

INSPECTION — MAINTENANCE — OVERHAUL RECORD

ENGINE ASSEMBLY

GT-2784-A(12-83)

Engine Serial Number CAE 880290 k

Engine Model 250-B17 E

Date	Engine Time		Remarks	Signature	Organization
	Since OH	Total			
10/21/92	UNK	217.2	Performed pretest inspection and functionally tested with CAT 80297, CAC 80297, CAG 80297, CAP 50177, under MGN SE52001.	<i>[Signature]</i> The aircraft engine and/or component identified above was repaired and inspected in accordance with current FAA regulations and was found airworthy for return to service. Pertinent details of the repair are on file at this agency under V.D. No. <u>SES2001</u> Date <u>10-21-92</u> <i>[Circular Stamp: NA 007]</i>	NAVILINK & ASSOCIATIVE CORP. 7201 Lakeside Street P. O. Box 0000 Oakland International Airport Oakland, Calif. 94603-0000 C.R.S. No. VZ3R937L
18 JAN. 93	N&W	218.1	COMPLIED WITH A 737C/300 NR. INSP. AS PER ASTR AND ALLISON MAINT. MANUAL'S	<i>[Signature]</i>	<i>Richard Nohmett</i>
	TC:	607	AND INSPECTION GUIDE SHEETS. D.O. 930421.	<i>[Signature]</i>	<i>SELU-DIR, INC.</i>
	ACFT. TT	1432.1	I certify that this <i>Eng.</i> has been inspected in accordance with <u>A/C/300 NR.</u> inspection and was determined to be in airworthy condition.	<i>[Signature]</i>	<i>BLDG. 515</i> <i>ROMEY, P.R.</i>

ENGINE ASSEMBLY

GT-2784-A(12-83)

Engine Serial Number CNE880290K

Engine Model 250-B17E

[illegible]

INSPECTION — MAINTENANCE — OVERHAUL RECORD

ENGINE ASSEMBLY

2784A(11-77)

Engine Serial Number CAE 880290K

Engine Model 250-B17E

Date	Engine Time		Remarks	Signature	Organization
	Since OH	Total			
4 May '93	TSN	409.8	PERFORMED A #3/100HR PHASE AS PER ASTA & ALLISON MAINT.		
	TCSEN	1111	MANUALS, CHANGED OIL. CYCLE COUNTER READING: 1111.		
	WORK ORDER	930726	"I certify that this ENGINE has been inspected in accordance with <u>2/100HR</u>	RICHARD HANNETT	
	ACFT. TT	1625.4	inspection and was determined to be in airworthy condition."	Richard Hannett	214581435A
			BODG. 575 RANBY, P.R. 00604 — END —		
31 JULY 93			COMPLETED A 2/100HR AND 3/300HR INSPECTION AS PER		
AIRC. TT	1722.9		ASTA MANUALS AND FORMS. COMPLETED A 100 & 300 HR		
ENG. S/N	507.4		INSPECTION AS PER ALLISON CRITERIA. THE CHANGE		
REFERENCE IND.	931025		GOVERNOR INSTALLED S/N 2003374. A CYCLE COUNTER		
CYCLES	682		READING 1816. POWER RECOVERY WASH COMPLETED.		
			CONTINUED		

INSPECTION — MAINTENANCE — OVERHAUL RECORD

ENGINE ASSEMBLY

2784A(11-77)

Engine Serial Number CPE-8802904

Engine Model 250-317E

Date	Engine Time		Remarks	Signature	Organization
	Since OH	Total			
31 JULY 93	CONTINUANCE —		THIS ENGINE HAS BEEN INSPECTED IN ACCORDANCE WITH B/C PHASE INSPECTION AND IS RETURNED TO SERVICE. <i>[Signature]</i>	BIRDY JACKSON	ERMEY, P.R.
23 OCT 93					
ACFT. T.T.	1'	1802.8	PERFORMED A 1800 HR. INSPECTION I.A.W. ASTA AND		
ENG T.T.		587.3	ALLISON MAINT. MANUALS AND INSPECTION GUIDES.		
ENG T.C.		709.	INSPECTED COMPRESSOR CASE NO DEFECTS NOTED, STARTER GENERATOR BRUSH INSP. COMPLETED COMPRESSOR SOLUTION WASHED. DRAINED OIL AND RESERVICED. W.O.# 931128		
			"I certify that this ENG has been inspected in accordance with 1800 HR. inspection and was determined to be in airworthy condition."		
			<i>[Signature]</i> 350520376 I.A.		

2784A(11-77)

Engine Model 250-B17E

[illegible]

INSPECTION — MAINTENANCE — OVERHAUL RECORD

ENGINE ASSEMBLY

2784A(11-77)

Engine Serial Number CAE - 880290K

Engine Model 250-1317

Date	Engine Time		Remarks	Signature	Organization
	Since OH	Total			
<u>5/27/94</u>	<u>773.9</u>		<u>Complied with a B/100HR INSPECTION AS PER ASTA AND ALLISON INSPECTION GUIDE. REPLACED ENGINE</u>		
<u>ACFT TT</u>	<u>1996.1</u>		<u>N1 AND N2 TACH GENERATOR AT THIS TIME AS DUE TO T.B.O COMPLETED POWER RECOVERY WASH AT THIS TIME. GROUND RAN FOR PERFORMANCE AND IAK CHECKED & ALL PERTINENT DETAILS TO THIS INSPECTION ARE FILED UNDER WD 940830 AT THIS STATION.</u>		
			<u>"I certify that this ENGINE has been inspected in accordance with 13/100HR inspection and was determined to be in airworthy condition."</u>	<u>BARRY JACKSON</u>	
				<u>[Signature]</u>	<u>20532411A.</u>

2784A(11-77)

Engine Model 250-B17E

[illegible]

ENGINE ASSEMBLY

2784A(11-77)

Engine Serial Number CAE880290K. Engine Model 250-B17E

[illegible]



INSPECTION-MAINTENANCE-OVERHAUL RECORD

Part IV

Page: 11

P/N: 23031861

S/N CAE-880290K

Model 250-B17E

Date	Engine Time		Remarks		Agency & FAA Certification Number
	Since OH	Total			
27-May-21	New	1,977.9	Repaired, Modified per listed bulletins & Functional Tested.		H.E.R.O.S., Inc.
	CSO	New	Reference M250-B17 Overhaul Manual 11W3	Rev 30; Date 01 Apr 2020	F.A.A. C.R.S #
	CSN	1,823	Details are on file with this agency under Work Order Number	200272	HEFR202K
			Signature. <i>Heros P. Kajberouni</i>	Heros P. Kajberouni / AM	EASA145.5929

ASSEMBLY RECORD

ENGINE ASSEMBLY

Part V 1
Page No. _____

FORM 2785A-1(4-79)

Engine Serial Number CAE - 880290 K

Engine Model ~~250-B17E~~ 250-B17E
P/N - 23005700

Nomenclature	Part Number	Serial Number	INSTALLED			REMOVED			Reason
			Date	Engine Total Time	TSO This Item	Date	Engine Total Time	TSO This Item	
GEARBOX	6889389	80297	6-20-79	0.0	NEW	Oct 1991	217.2	217.2	Conversion
COMPRESSOR	6890560	80297	"	"	"	10Nov91	217.2	TSN 217.2	Repair
TURBINE	6898737	80297	"	"	"	13Dec91	217.2	TSN 217.2	Repair
CONTROL	6898527	326114	"	"	"	2.2.82	00:00	00:00	Inst. on T/M. 880276 ✓
GOVERNOR	6875708	1282979A	"	"	"	25 MAR 81	25 REMOVAL TIME	UNKNOWN	
PUMP	2300344 6895653	PE7103	"	"	"	Oct 1991	Removal	Time Unknown	
NOZZLE	5833333 6890917	AG48601	"	"	"	24.11.87	217.20	217.20	
BLEED VALVE	6899115	FF25346	"	"	"	2.2.82	00:00	00:00	Inst. on T/M. 880276
GOV PROP	6873287	1206486F	"	"	"	28-8-88	217:20	217:20	
PROP BOX	6898771 6896425	CAP50239	"	"	"	Dec. 1, 81	00:00	00:00	Inst. on T/M. 880275
COORDINATOR	6886116	AC-10728	"	"	"				
Bleed Valve	6896348	FF22643	13.4.82	00:00	"	2/84	170.55	170.55	Inst. on T/M. 880247

ASSEMBLY RECORD

ENGINE ASSEMBLY

Part V 2
Page No. _____

FORM 2785A-1(4-79)

Engine Serial Number CAE - 880290 K Engine Model ~~250-B17E~~ 250-B17E

Nomenclature	Part Number	Serial Number	INSTALLED			REMOVED			Reason
			Date	Engine Total Time	TSO This Item	Date	Engine Total Time	TSO This Item	
PROP. BOX	6896425	CAP 50294	13.4.82	00:00	00:00	6/85	172.35	172.35	ENGINE OIL R&B
CONTROL	6898527-A	323853	"	"	"	24.11.87	217.20	217.20	
PROP. BOX	23005670	CAP 50270	6/85	172.35	00:00	Oct 1991	217.2	TSN 44.85	Conversion
Bleed Valve	6896348	FF24068	2/84	170.55	49.50	JUNE 21 94	189.5	TSN 668.5	K-BALLS
CONTROL	6898897	319955	24.11.87	217.20	TOT. SCOR. DUR 01.00 (28.6 HRS)	2.2.90	217.20	01.00	Int. in 880256
NOZZLE	5233333	AG40551	"	217.20	28.35	6-30-2015	1677	1459.8	AD 2006-16-04
OVERSPEED GOVERNOR	23032241	2164923	28.9.89	217.20	00:00	Oct 1991	Removal	Date Unknown	
F. CONTROL	6898897	319067	9-27-91	217.2	180.0	Oct 1991	217.2	180.0	Conversion
P. GOVERNOR	23032241	2245458	9-27-91	217.2	0	NOV 21-92	217.2	180.0	K-BALLS
Accessory G'Box	23001937	CAC 80297	21 Oct 91	217.2	TSN 217.2	9-20-94	797.9	797.9	No Oil Press.
Prop-Red G'Box	23007211	CAD 50177	12 Nov 91	217.2	TSN 37.3	9-20-94	797.9	618.0	Metal Cont.
Fuel Control	23030631	319067	21 Oct 91	217.2	180.0	11-21-92	217.2	180.0	K-BALL
Fuel Pump	6899253	F-102335	21 Oct 91	217.2	0.0	5-15-21	1977.9	3390.9	XFER TO RED C&D

ASSEMBLY RECORD

ENGINE ASSEMBLY

Part V 3
Page No.

FORM 2785 A

Engine Serial Number CAE - 880290K

Engine Model 250-B17E

Nomenclature	Part Number	Serial Number	INSTALLED			REMOVED			Reason
			Date	Engine Total Time	TSO This Item	Date	Engine Total Time	TSO This Item	
Compressor	6890560	CAC-80297	11Nov91	217.2	TSN 217.2	9-20-94	797.9	797.9	Low Power
Turbine	6898737	CAT 80297	16Dec91	217.2	TSN 217.2	9-20-94	797.9	797.9	Low Power
<i>P/GOVERNOR</i>	<i>23032241</i>	<i>2455419</i>	<i>11-21-92</i>	<i>217.2</i>	<i>-0-</i>	<i>8 JAN. 93</i>	<i>217.2</i>	<i>-0-</i>	<i>NO FEATHER ON SHUT DOWN</i>
<i>% GOVERNOR</i>	<i>23032241</i>	<i>2245458</i>	<i>11-21-92</i>	<i>217.2</i>	<i>180.0</i>	<i>8/15/94</i>	<i>797.9</i>	<i>760.7</i>	<i>Part # Typo</i>
<i>FUEL CONTROL</i>	<i>23087870</i>	<i>336568</i>	<i>8 JAN. 93</i>	<i>217.2</i>	<i>-0-</i>	<i>6-30-95</i>	<i>1677</i>	<i>1459.8</i>	<i>Convenience</i>
<i>PROP GOV.</i>	<i>8210-018</i>	<i>1825219A</i>	<i>8 JAN. 93</i>	<i>217.2</i>	<i>TSN 1209.2</i>	<i>31 JULY 93</i>	<i>507.4</i>	<i>1499.4</i>	<i>TIME CHANGE</i>
<i>PROP GOV.</i>	<i>8210-018</i>	<i>203374A</i>	<i>31 JULY 93</i>	<i>507.4</i>	<i>-0-</i>	<i>8/15/94</i>	<i>797.9</i>	<i>290.5</i>	<i>Serial # typo</i>
Prop Gov.	8210-018	2003374A	8/15/93	797.9	290.5				
O/S Gov.	23032241	2245458	8/15/94	797.9	760.7	<i>5-27-21</i>	<i>1977.9</i>	<i>1940.7</i>	<i>XFER TO NEW</i>
Acc Gearbox	23001937	80297	9-20-94	797.9	797.9	"	<i>1977.9</i>	<i>NEW</i>	<i>CARD</i>
Prop Gearbox	23007211	50177	9-20-94	797.9	618.0	"	"	<i>NEW</i>	<i>REPAIR</i>
Compressor	6890560	80297	9-20-94	797.9	797.9	"	"	<i>NEW</i>	<i>REPAIR</i>
Turbine	6898737	80297	9-20-94	797.9	797.9	"	"	<i>NEW</i>	<i>REPAIR</i>

ASSEMBLY RECORD

ENGINE ASSEMBLY

 Part V
 Page No. 4

CAE-880290K

250-B17E

Nomenclature	Part Number	Serial Number	INSTALLED			REMOVED			Reason
			Date	Engine Total Time	TSO This Item	Date	Engine Total Time	TSO This Item	
BLEED VALVE	23053176	FF-38105	5 OCT 94	779.9	0	5-27-21	1977.9	1198.0	X FOLD TO
Fuel Control	252								
Nozzle	230								
<div style="display: flex; justify-content: space-between;"> <div style="width: 45%;"> <p>SERVICEABLE PART TAG</p> <p>Customer <u>H.E.R.O.S. INC.</u></p> <p>Part Name <u>BLEED VALVE</u></p> <p>Model <u>250 CA0620B</u></p> <p>Part No. <u>23053176</u></p> <p>Serial No. <u>FF-38105</u></p> <p>T.T. <u>—</u> T.S.O. <u>D.O.</u></p> <p>Remarks <u>9/4 overhaul inspection</u></p> <p><u>High Altitude Manual 9/4 CEB</u></p> <p><u>1287</u></p> </div> <div style="width: 50%;"> <p>The aircraft engine and/or component identified above was repaired or overhauled and inspected in accordance with current F.A.A. regulations and was found airworthy for return to service. Pertinent details of the repair are on file at this agency under W.O. No. <u>93702</u></p> <p>Date <u>6/20/94</u> This overhaul or repair does not include installation on an aircraft.</p> <p><u>[Signature]</u> Authorized Signature</p> <p>H.E.R.O.S. INC. 7117 Arlington, Unit "E" Riverside, CA 92503 (909) 687-4287</p> <p>F.A.A. Approved Repair Station HEFR202K</p> </div> </div>									



Rolls Royce Model 250 Series Engine Assy.

ASSEMBLY RECORD- MODULES

Part V

Page: 5

P/N 23031861

S/N CAE-880290K

Model 250-B17E

Item Nomenclature	Item Part Number	Item Serial Number	INSTALLED			REMOVED			Reason
			Date	Engine Total Time	Item TT	Date	Engine Total Time	Item TT	
					TSO			TSO	
Compressor Assy	6890560	CAC-80297	27-May-21	1,977.9	1,977.9				
					New				
Gearbox Assy	23001937	CAG 80297	27-May-21	1,977.9	1,977.9				
					New				
Prop Gearbox	23032346	CAP-51111	27-May-21	1,977.9	3,030.9				
					New				
Turbine Assy	23038174	CAT-80297	27-May-21	1,977.9	1,977.9				
					New				



Rolls Royce Model 250 Series Engine Assy.

ASSEMBLY RECORD- ACCESSORIES

Part V

Page: 6

P/N 23031861

S/N CAE-880290K

Model 250-B17E

Item Nomenclature	Item Part Number	Item Serial Number	INSTALLED			REMOVED			Reason
			Date	Engine Total Time	Item TT	Date	Engine Total Time	Item TT	
					TSO			TSO	
Fuel Control Unit	M250 - 10129	334703	27-May-21	1,977.9	Unk				
					300.9				
Woodward Propeller Overspeed Governor	23032241	2245458	27-May-21	1,977.9	1,940.7				
					New				
Woodward Combined Governor Assy	23068275	WF12335321	27-May-21	1,977.9	Unk				
					0.0				
Fuel Pump; TRW / Argo Tech	6899253	T102335	27-May-21	1,977.9	Unk				
					3,390.9				
Bleed Valve Assy	23053176	FF38105	27-May-21	1,977.9	Unk				
					1,198.0				
Fuel Nozzle	23077068	AG40551	27-May-21	1,977.9	Unk				
					1,789.3				

Part I
Page No.

Turbine Serial Number CAT- 80297 Engine Model 250-~~B17C~~ B17E

[illegible]

Part II
Page No. 1

Turbine Serial Number CAT - 80297 Engine Model 250-~~B17E~~ B17E

[illegible]

MODIFICATION RECORD

TURBINE ASSEMBLY

Turbine Serial Number CAT - 80297Engine Model 250-B17C B17E

Compliance Date	Bulletin or Directive No.	Title	Signature	Organization
28.9.89	CEB 1135	ENGINE TURBINE ASSEMBLY N° 6 AND 7 BEARING PRESSURE OIL NOZZLES ASSEMBLY REPLACE.	Gilli	ELICOTTERI MERIDIONALI Frosinone - Italia
28.9.89	CEB 1173	ENG. TURB. ASS. GAS PRODUCER ROTOR ASS. REPLACE TIE BOLT BY TIE BOLT OF IMPROVED STRENGTH.	Gilli	ELICOTTERI MERIDIONALI Frosinone - Italia
✓ 28.9.89	CEB A1177	ENGINE TURBINE ASSEMBLY INNER AND OUTER POWER TURBINE SHAFT THICKER ELECTROLESS. NICKEL PLATE	Gilli	ELICOTTERI MERIDIONALI Frosinone - Italia
28.9.89	CEB 1183	ENGINE TURBINE ASSEMBLY NOZZLE POSITIONING PLUG. MODIFY	Gilli	ELICOTTERI MERIDIONALI Frosinone - Italia
28.9.89	CEB 1199	ENGINE TURBINE ASSEMBLY "V ₄ " RING GASKET REINSPECTION.	Gilli	ELICOTTERI MERIDIONALI Frosinone - Italia

MODIFICATION RECORD

TURBINE ASSEMBLY

 Part III
 Page No.

2

Turbine Serial Number CAT- 80297Engine Model 250-B17C B17E

Compliance Date	Bulletin or Directive No.	Title	Signature	Organization
28.9.89	CEB 1226	ENGINE TURBINE ASSEMBLY		
		SECOND STAGE TURBINE WHEEL REDUCED		
		DIAMETER BALANCE PISTON SEAL UNITS		
16Dec91	CEB-TP-1134R3	P.T. Nut Replacement	<i>Si d 21</i>	A.S.I.
16 Dec 91	CEB-TP-1178	P.T. Sump Modification		A.S.I.
16 Dec 91	CEB-TP-1186	Conversion from B17C to B17E		A.S.I.
16 Dec 91	CEB-TP-1228	#1 Nozzle Modify. N/A by P/N Installed.		A.S.I.
16 Dec 91	CEB-TP-1179R1	Conversion Authorization.		A.S.I.
16 Dec 91	AD83-03-02R1	#3 Turb Wheel. N/A by P/N installed.		A.S.I.
16 Dec 91	AD79-21-01R1	#3 Turb Wheel. N/A by P/N installed.		A.S.I.
16 Dec 91	AD77-15-12	PT Outer Nut. N/A by P/N installed.		A.S.I.
16 Dec 91	AD72-03-06	#2 Turb Wheel. N/A by P/N installed.		A.S.I.

 LUGOTTERI MERIDIONALI
 Proseguo - Italia

AD NOTE AND CEB COMPLIANCE MODIFICATION RECORD TURBINE ASSEMBLY

Turbine Serial Number CAT-80297

Engine Model 250-C20J BITE RL

AD #	Applicable CEB #	Date	Method of Compliance	One Time	Recurring	Next Comp. Date	Signature and Certificate Number
		Hours @ Comp.				Next Comp. @ Hrs	
	A 1212 R4	7/26/2012	Engine turbine assembly, first and second stage turbine nozzles, modify for incorporation of an internal energy absorbing ring. AD 2005-10-13	X		N/A	NZUR892L <i>H/Mow</i>
		1677.0				N/A	
	A 1213 R3	7/26/2012	Engine, Turbine assembly, gas producer support, modify for incorporation of an internal energy absorbing ring. AD 2005-10-13	X		N/A	
		1677.0				N/A	
	A 1214 R4	7/26/2012	Engine, turbine assembly, internal energy absorbing ring-add. AD 2005-10-13	X		N/A	
		1677.0				N/A	
	A 1247 R7	7/26/2012	Engine, Turbine assembly Alseal coating of power turbine inner and outer shafts.	X		N/A	<i>H/Mow</i>
		1677.0				N/A	

AD NOTE AND CEB COMPLIANCE MODIFICATION RECORD TURBINE ASSEMBLY

Part III
Page No. 4

Turbine Serial Number CAT-80297

Engine Model 250-C20J B17E R²

AD #	Applicable CEB #	Date	Method of Compliance	One Time	Recurring	Next Comp. Date	Signature and Certificate Number
		Hours @ Comp.				Next Comp. @ Hrs	
	A 1282	7/26/2012	Engine, turbine assembly release of new no.8 bearing and retaining plate.	X		N/A	NZUR892L <i>H Mow</i>
		1677.0				N/A	
	1311 R2	7/26/2012	Engine, Turbine Assembly, Recoating of PT Inner Shaft	X		N/A	
		1677.0				N/A	
	A 1318 R6	7/26/2012	Engine, Turbine - Inspection of 1st Stage Nozzle Shield Dome	X		N/A	
		1677.0				N/A	
	A 1319 R2	7/26/2012	Engine, Turbine Assembly , GP Rotor Assembly, Replace Turbine Tie Bolt AD 2006-13-06	X		N/A	
		1677.0				N/A	
	A 1322 R3	7/26/2012	Engine, Turbine - Replacement of 2nd Stage Nozzle Diaphragm		X		<i>H Mow</i>
		1677.0					

Part III

P/N: 23038174

CAT-80297

M250-B17E

[illegible]

INSPECTION — MAINTENANCE — OVERHAUL RECORD
TURBINE ASSEMBLY

FORM 2784D-1 (4-79)

Turbine Serial Number CAT - 80297Engine Model 250-B17C B17E

Date	Turbine Time		Remarks	Signature	Organization
	Since OH	Total			
28-9-89	-	217.20	L'ASS. TURBINA E' STATO SOTTOPOSTO AD ISPEZIONE 24/6/90	<i>Sp'elli</i>	ELICOTTERI MERIDIONALI Firenze - Italia
16 Dec 91	TSN 217.2	217.2	Complied with Turbine Repair and Con- version to B17E. Full Performance Tested on CAE-880290, Reference ASI W.O. 80,145 for details. FAA Repair Station TU3R880L.	<i>[Signature]</i>	A.S.I.
9-20-94	TSN	797.9	Repaired Turbine Assy for Reported	<i>[Signature]</i>	A.S.I.
	TCSN	TC:1088	Low Power Reference ASI WO 40,339 for details.		TU3R880L

TURBINE ASSEMBLY

Turbine Serial Number CAT - 80297

Engine Model 250-~~B17C~~-B17E

[illegible]



INSPECTION-MAINTENANCE-OVERHAUL RECORD

Part IV

Page: 3

P/N: 23038174

S/N: CAT-80297

Model: M250-B17E

Date	Turbine Time		Remarks			Agency & F.A.A. Certification Number
	Since OH	Total				
27-May-21	New	1,977.9	Repaired for MIO, Prop Strike & Functional Tested with Engine	CAE-880290		H.E.R.O.S., Inc.
	SCOH	New	Ref. M250-B17 OHM, 11W3, Section 72-50-00	Rev 30; Date 15 June 2020		F.A.A. C.R.S #
	CSN	1,823	Modified per listed CEB's. Details are on file under WO No.	200272-1		HEFR202K
	 	 	Tie Bolt S/N	NC86557	Free Length was measured as	6.8830
			Signature: <i>[Handwritten Signature]</i>			

H.E.R.O.S.
HELICOPTER ENGINE REPAIR OVERHAUL SERVICES

INSPECTION-MAINTENANCE-OVERHAUL RECORD

Part IV

Page: 2

P/N: 23038174

S/N: CAT-80297

Model: M250-B17E

[illegible]

ASSEMBLY RECORD

TURBINE ASSEMBLY

Part V 1
Page No. 1

FORM 2785D-1(4-79)

Turbine Serial Number CAT - 80297

Engine Model 250-B17E B17E

Nomenclature	Part Number	Serial Number	INSTALLED			REMOVED			Reason
			Date	Turbine Total Time	This Item TT Cycles	Date	Turbine Total Time	This Item TT Cycles	
1ST STG.WHL.	6886407	X58982	6-20-79	0.0	0.0	28.9.89	2.555 217.20	555 c. 217.20	UNK
2ND STG.WHL.	6898782	X44801	"	0.0	0.0	UNK	UNK	UNK UNK	"
3RD STG.WHL.	6899373	HX45236	"	0.0	0.0				
4TH STG.WHL.	6853279	HX37953	"	0.0	0.0				
1ST STG.WHL.	6886407	X109203	28.9.89	2.555 217.20	200.20 2000	UNK	UNK	UNK UNK	"
M250-10223	M250 10223	X607917	5-22-12	1677.0	0.0	9-10-20	1977.9	300.9 301	INSPECTION
23073854	23073854	X608094	"	"	0.0	"	"	"	"
23068265	TIE BOLT	NC 86557	"	"	0.0	"	"	"	"

Part V
Page No. 2

Turbine Serial Number CAT - 80297 Engine Model 250-~~B17C~~ B17E

[illegible]

ASSEMBLY RECORD

P/N:

23038174

S/N: CAT-80297

M250-B17E

Item Nomenclature	Item Part Number	Item Serial Number	INSTALLED			REMOVED			Reason
			Date	Turbine TT	Item TT	Date	Turbine TT	Item TT	
				Cycles	Cycles		Cycles	Cycles	
1st Stg Wheel	M250-10223	X607917	27-May-21	1,977.9	300.9				
				1,823	301				
2nd Stg Wheel	23073854	X608094	27-May-21	1,977.9	300.9				
				1,823	301				
3rd Stg Wheel	6899373	HX45236	27-May-21	1,977.9	1,977.9				
				1,823	1,823				
4th Stg Wheel	6853279	HX37953	27-May-21	1,977.9	1,977.9				
				1,823	1,723				
G.P. Tie Bolt	23068265	NC86557	27-May-21	1,977.9	300.9				
				1,823	301				
Diaphragm; 2nd Stg Nozzle	M250 - 10550	MA234270	27-May-21	1,977.9	0.0				

ASSEMBLY RECORD

Part V

Page: 4

P/N: 23038174

S/N: CAT-80297

M250-B17E

Item Nomenclature	Item Part Number	Item Serial Number	INSTALLED			REMOVED			Reason
			Date	Turbine TT	Item TT	Date	Turbine TT	Item TT	
				Cycles	Cycles		Cycles	Cycles	

Part Name: 2nd Stage Nozzle Diaphragm

Purchase Ref. R16232

P/N: M250 - 10550

S/N: MA234270

Engine and Module S/N	Engine Model	INSTALLED			REMOVED			Comments
		Date	Item TT	Overspeed	Date	Item TT	Overspeed	
			Cycles	Events *(as app)		Cycles	Events *(as app)	
CAE-880290	M250-B17E	27-May-2021	0.0	N/A			N/A	
CAT-80297			N/A			N/A		
			N/A			N/A		
			N/A			N/A		
			N/A			N/A		
			N/A			N/A		
			N/A			N/A		
*For GT Wheel Overspeed Cycles, record event date and event maximum % on the Comments Line								
*This card should accompany the part when removed from engine or module.								

Part Name: 2nd Stage Turbine Wheel

Purchase Ref.

Original

P/N:

23073854

S/N:

X608094

Engine and Module S/N	Engine Model	INSTALLED			REMOVED			Comments
		Date	Item TT	Overspeed	Date	Item TT	Overspeed	
			Cycles	Events *(as app)		Cycles	Events *(as app)	
CAE-880290	M250-B17E	27-May-2021	300.9	N/A			N/A	
CAT-80297			301					

*For GT Wheel Overspeed Cycles, record event date and event maximum % on the Comments Line

*This card should accompany the part when removed from engine or module.

560 North 54th Street, Unit 9, Chandler, AZ 85226 USA Ph: (480) 536 - 9207 Internet: herosinc.com E-mail info@herosinc.com



LIFE LIMITED PART LOG CARD

Page: 1

Life Limited Part Name: GP Tie Bolt

Purchase Ref.

Original

P/N:

23068265

S/N:

NC86557

Engine and Module S/N	Engine Model	INSTALLED			REMOVED			Comments
		Date	Item TT	Overspeed Events *(as app)	Date	Item TT	Overspeed Events *(as app)	
			Cycles			Cycles		
CAE-880290	M250-B17E	27-May-2021	300.9	N/A			N/A	
CAT-80297			301					
Initial Free L enght = 6.8830								
*This card should accompany the part when removed from engine or module.								

FORM 9386-1 (4-79)

Page No.

(Refer to Life Limiting CSL)

Turbine Serial Number CAT - 80297

Engine Model 250-~~B17E~~ B17E

[illegible]

FORM 9386-1(4-79)

Page No.

2

(Refer to Life Limiting CSL)

Turbine Serial Number CAT - 80297

Engine Model ~~250-B17E~~ 250-B17E

[illegible]

Part I
Page No. 1

Engine Model 250-~~B17E~~ B17E

[illegible]

2

Gearbox Serial Number CAG - 80297

Engine Model 250-~~B17E~~ B17E

[illegible]

MODIFICATION RECORD

GEARBOX ASSEMBLY

Part III
Page No. 1

FORM 2783C-1(4-79)

Gearbox Serial Number CAG - 80297

Engine Model 250-B17E

Compliance Date	Bulletin or Directive No.	Title	Signature	Organization
28.9.89	CEB 1091	GEARBOX HOUSING AND COVER OIL PRESSURE PORTS HELICAL COIL INSERTS ADD.	Gizzi	ELICOTTERI MERIDIONALI Firenze - Italia
28.9.89	CEB 1126	GEARBOX ASSEMBLY PTO HELICAL GEARSHAFT ASSEMBLY REPLACE.	Gizzi	ELICOTTERI MERIDIONALI Firenze - Italia
28.9.89	CEB 1139	GEARBOX HOUSING AND COVER OIL SCAVANGE PORTS HELICAL COIL INSERTS ADD.	Gizzi	ELICOTTERI MERIDIONALI Firenze - Italia
28.9.89	CEB 1148	ENGINE GEARBOX INSPECT OIL DELIVERY TUBE (PICCOLI) FOR BUBBLES ONCE ONLY.	Gizzi	ELICOTTERI MERIDIONALI Firenze - Italia
28.9.89	CEB 1160	ENGINE GEARBOX LUBRICATION SYSTEM (PA. 87-110).	Gizzi	ELICOTTERI MERIDIONALI Firenze - Italia
28.9.89	CEB 1162	ENGINE GRBX P/N 6859435 RRG. MANUFACTURED BY HARLIN ROOSELL CORP.	Gizzi	ELICOTTERI MERIDIONALI Firenze - Italia
28.9.89	CEB 1175	ENGINE GEARBOX ASSY SCAVANGE OIL PUMP COVER ASSY ADD LOCTITE TO GEARSHAFT.	Gizzi	ELICOTTERI MERIDIONALI Firenze - Italia

MODIFICATION RECORD

GEARBOX ASSEMBLY

Part III
Page No. 2

FORM 2783C-1(4-79)

Gearbox Serial Number CAG - 80297

Engine Model 250-B17C B17E

Compliance Date	Bulletin or Directive No.	Title	Signature	Organization
28.9.89	CEB A 1184	ENGINE ACCESSORY GEARBOX ASS. THROUGH		
	(PART 1°)	BOLT RETENTION OF IDLER GEARS.	S. D. D.	MACCOTTERI MERIDIONALE Prodotto in Italia
28.9.89	CEB 1185	ENGINE GEARBOX ASSY NEXT ACCESSORY		
		DRIVE SYSTEM BEARING.	S. D. D.	MACCOTTERI MERIDIONALE Prodotto in Italia
21 Oct 91	CEB-TP-1121R3	Filter Bypass Indicator		A.S.I.
21 Oct 91	CEB-TP-1186	Conversion from B17C to B17E		A.S.I.
21 Oct 91	CEB-TP-1202	Accy G'Box Filter Housing Modify		A.S.I.
21 Oct 91	CEB-TP-1250	Oil Tube Replace.		A.S.I.
21 Oct 91	CEB-TP-1179R1	Conversion Authorization.		A.S.I.
21 Oct 91	CEB-TP-1056	Wet Spline St/Gen Gear.		A.S.I.



MODIFICATION RECORD

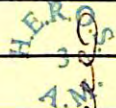
Part III

Page: 3

P/N: 23001937

CAG-80297

Model: M250-B17E

Compliance Date	Commercial Engine Bulletin Number	Rev	TITLE	Signature	Agency & FAA Certification Number
15-May-21	TP CEB - 1235	3	Installation of Roller type #3 and 4 Bearings		H.E.R.O.S., Inc.
15-May-21	TP CEB - 1268	0	Oil Filter Inlet Tube, P/N 6876925A, Inspection For Alignment		F.A.A. C.R.S #
15-May-21	TP CEB - 1269	0	B17 & C20S Gearbox Housing Inspection and Rework		HEFR202K
15-May-21	TP CEB-A-1304	2	Oil Delivery Tube - Replace		EASA145.5929
15-May-21	TP CEB - 1313	3	T.M. Gearshaft and Retaining ring modification		
15-May-21	TP CEB - 1332	0	New Type Seals, Rework and Reidentified Lip Seals		
15-May-21	TP CEB - 1337	0	Replacement of Breather Gearshaft Seal		
15-May-21	TP CEB - 1362	1	Internal Oil Check Valve Replacement		
15-May-21	TP CSL - 1119	1	Gearbox Bore Alignment Check		

INSPECTION — MAINTENANCE — OVERHAUL RECORD

GEARBOX ASSEMBLY

FORM 2784C-1(4-79)

Gearbox Serial Number CAG - 80297

Engine Model 250-~~B17C~~ B17E

Date	Gearbox Time		Remarks	Signature	Organization
	Since OH	Total			
<u>28.9.89</u>	<u>—</u>	<u>217:20</u>	<u>L'ASS. RIDUTTORE È STATO ISPEZIONATO</u>		
			<u>A VISTA.</u>	<u>Caran</u>	<u>ELICOTTERI MERIDIONALI</u> <u>Firenze - (Sella)</u>
21 Oct 91	TSN 217.2	217.2	Reworked and reidentified gearbox Assembly to P/N 23001937 B17E Configuration. Full Performance Test-		A.S.I.
			ed on CAE-880290, reference ASI WO		
			80,145 for details, FAA Repair Sta-		
			tion TU3R880L.		
9-20-94	TSN	797.9	Repaired gearbox for no oil pressure reported on test cell. Refer		A.S.I.
			ASI WO# 40,339 for details.		TU3R880L

GEARBOX ASSEMBLY

FORM 2784C-1 (4-79)
Gearbox Serial Number CAG - 80297

Engine Model 250-~~B17E~~ B17E

[illegible]



Rolls Royce Model 250 Series Gearbox Assy

INSPECTION-MAINTENANCE-OVERHAUL RECORD

Part IV

Page: 3

P/N: 23001937

CAG-80297

Model: M250-B17E

Date	Gearbox Time		Remarks	Agency & FAA Certification Number
	Since OH	Total		
15-May-21	New	1,977.9	Repaired For MIO, Hard Rotor Strike & tested wih S/N:	CAE-880290K
			Refer to B17 OHM, 11W3; 2nd Edition, Rev 30	Dated; 01 Apr 2020
			Details are on file with this agency under WO No.	200272-3
			Complied with Gears 3500 Hours MPI. Modified per listed Bulletins	HEFR202K
			Signature: <i>Des W3 neeee</i>	EASA145.5929

FORM 2782B-1 (F) (4-79)

Part I
Page No.

Engine Model 250- ~~B17E~~ B17E

[illegible]

TRANSFER RECORD

Part II
Page No. 1

Engine Model 250-~~B17C~~ B17E

[illegible]

MODIFICATION RECORD

COMPRESSOR ASSEMBLY

Part III
Page No. 1

FORM 2783B-1 (4-79)

Compressor Serial Number CAC - 80297

Engine Model 250-B17C B17E

Compliance Date	Bulletin or Directive No.	Title	Signature	Organization
28.9.89	CEB 1131	COMPRESSOR BLEED VALVE ASSEMBLY/GASKET REPLACE.	<i>Gizzi</i>	ELICOTTERI MERIDIONALI Firenze - Italia
28.9.89	CEB 1144	ENGINE COMPRESSOR N-1 BEARING AND RETAINING NUT REPLACE.	<i>Gizzi</i>	ELICOTTERI MERIDIONALI Firenze - Italia
28.9.89	CEB A 1193	ENGINE FUEL LUBE AND AIR SYSTEM (PART 1 st)	<i>Gizzi</i>	ELICOTTERI MERIDIONALI Firenze - Italia
28.9.89	CEB A 1194	ENGINE FUEL AND AIR SYSTEM PE SCROLL TO PE FILTER TUBE ASSY INSTALL.	<i>Gizzi</i>	ELICOTTERI MERIDIONALI Firenze - Italia
16 Dec 91	CEB-TP-1186	Conversion from B17C to B17E	<i>[Signature]</i>	A.S.I.
16 Dec 91	CEB-TP-1179R1	Conversion Authorization	<i>[Signature]</i>	A.S.I.
9-20-94	TPCEB-1276	Comp Case New Plastic Material Add	<i>[Signature]</i>	A.S.I.

MODIFICATION RECORD

COMPRESSOR ASSEMBLY

Part III
Page No.

2

FORM 2783B-1 (4-79)

Compressor Serial Number CAC - 80297 Engine Model 250-B17C B17E

[illegible]



MODIFICATION RECORD

Part III

Page: 3

P/N: 6890560

CAC-80297

Model: M250-B17E

Compliance Date	Commercial Engine Bulletin No.	Revision	TITLE	Signature	Agency & F.A.A. Certification Number
27-May-21	<u>TP CEB - 1279</u>	2	New Type Compressor Rotor Assy.		H.E.R.O.S., Inc.
27-May-21	<u>TP CEB-A-1321</u>	1	Pressure Probe Elbow Visual inspection		F.A.A. C.R.S #
					HEFR202K
					EASA145.5929

MODIFICATION RECORD

Part III

Page: 4

P/N: 6890560

CAC-80297

M250-B17E

Compliance Date	Commercial Engine Bulletin No.	Revision	TITLE	Signature	Agency & F.A.A. Certification Number

Rolls Royce 250 Series Compressor Assy
Airworthiness Directive (AD) Compliance Record
Repetitive Bulletin Compliance Record


Part III

Page: 5

P/N: 6890560

CAC-80297

Model: M250-B17E

AD Number	Related Bulletin Number	Date and Hours at Compliance	Method of Compliance	One Time	Recurring	Next Compliance Date and Hours	Agency & F.A.A. Certification Number
AD2004-26-09	TP CEB-A-1353	27-May-21	Coupling Adapter P/N 23039791 Replacement with P/N 23076559 or 23079637 per CEB 1325 R5 Ref CEB- A-1392 Revision 4, TIMKEN SB T-081 & Timken Alcor SLB 814-3-1	X		N/A	H.E.R.O.S., Inc.
		1,977.9					F.A.A. C.R.S #
							HEFR202K
							EASA145.5929
		Signatur					
			Heros P Kajberouni / AM				

INSPECTION — MAINTENANCE — OVERHAUL RECORD

COMPRESSOR ASSEMBLY

FORM 2784B-1(4-79)

Compressor Serial Number CAC - 80297 Engine Model 250-B17E ~~B17E~~

Date	Compressor Time		Remarks	Signature	Organization
	Since OH	Total			
28. P. 89	—	217.2	L'ASS. COMPRESSORE E' STATO ISPEZIONATO A VISTA	Gilli	ELICOTTERI MERIDIONALI Firenze - Italia
11 Nov 91	TSN 217.2	217.2	Complied with compressor repair and conversion to B17E. Full performance Tested on CAE-880290, reference ASI W.O. 80,145 for details. FAA Repair Station TU3R880L.		A.S.I.
9-20-94	TSN	797.9	Repaired compressor for low power		A.S.I.
	TCSO	1088	detected on test cell. Complied with 300 Hr Compressor Erosion In- spection. Installed PN 23057142, SN 26263. Reference ASI WO# 40,339 for details.		TU3R880L

FORM 2784B-1 (4-79)

Engine Model 250-B17E ~~B17E~~

[illegible]

INSPECTION-MAINTENANCE-OVERHAUL RECORD

Part IV

Page: 3

P/N: 6890560

CAC-80297

Model:

M250-B17E

Date	Compressor Time		Remarks		Agency & F.A.A. Certification Number
	Since OH	Total			
27-May-21	New	1,977.9	Repaired for Prop Strike & Functional Tested with	CAE-880290K	H.E.R.O.S., Inc.
	CSO	New	Ref. M250-B17B Overhaul Manual 11W3	Rev. 30; Date 15 Jun 2020	F.A.A. C.R.S #
	CSN	1,823	Details are on file under Work Order No	200272-2	HEFR202K
	X	X	Complied with Case Halves 1750 hours inspection. Modified per listed bulletins		EASA145.5929
			Signature: <i>How K. Borell</i>		

P/N: 6890560

S/N: CAC-80297

Model: M250-B17E

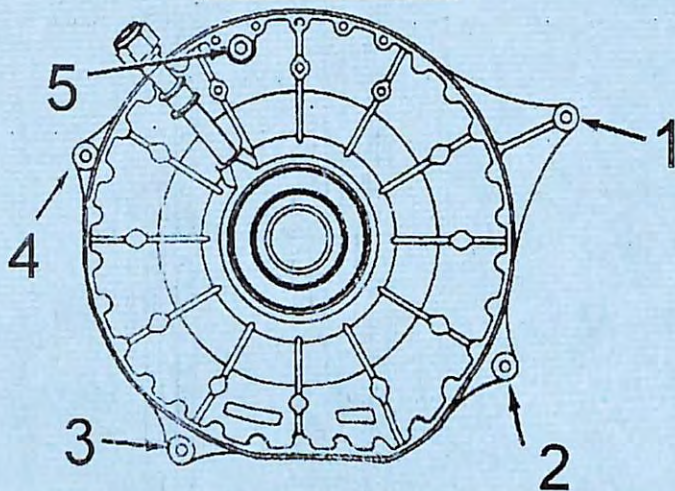
DATE 27-May-21

WORK ORDER 200272-2

POS 5 0.006

POS 4 0.006

POS 3 0.000



POS 1 0.002

POS 2 0.002

Use shims P/N 23004212 (0.002" thick) 23008001 (0.004") or 23008002 (0.008") as needed to square Rear Diffuser in relation to Rotor Axis.

This shimming requirement is for this Compressor and NOT the Gearbox on which it will be installed on.

This information remains valid until such a time that the Compressor is disassembled for any reason.

Part V 1
Page No.

Engine Model 250-~~B17C~~ B17E

[illegible]

ASSEMBLY RECORD

COMPRESSOR ASSEMBLY

Part V 2
Page No. 2

FORM 2785B-1 (4-79)

Compressor Serial Number CAC - 80297 Engine Model 250-~~B17C~~ B17E

[illegible]

Rolls Royce 250 Series Compressor Assy



ASSEMBLY RECORD

Part V

Page: 3

P/N: 6890560

S/N: CAC-80297

Model: M250-B17E

Item Nomenclature	Item Part Number	Item Serial Number	INSTALLED			REMOVED			Reason
			Date	Compressor Total Time	Item TT	Date	Compressor Total Time	Item TT	
					Cycles			Cycles	
1st Stg Wheel	E23057111	TB2-1449	27-May-21	1,977.9	0.0				
					N/A				
2-3 Stg Wheel	E23057112	TB3-1150	27-May-21	1,977.9	0.0				
					N/A				
4th Stg Wheel	E23057114	TB4-1101	27-May-21	1,977.9	0.0				
					N/A				
5th Stg Wheel	E23057115	TB5-1177	27-May-21	1,977.9	0.0				
					N/A				
6th Stg Wheel	E23057116	TB6-1147	27-May-21	1,977.9	0.0				
					N/A				
Impeller	23079638	KR124128	27-May-21	1,977.9	0.0				
					0				
Tie Bolt	E6871259	FP2-183	27-May-21	1,977.9	0.0				
Coupling Adapter	23079637-1	GK584910	27-May-21	1,977.9	0.0				
SAG Shaft	E23031922	SG19-2330	27-May-21	1,977.9	0.0				
Case Halves	23057142	SET26168	27-May-21	1,977.9	TSO			TSO	
					0.0				

[illegible]

KR124128

560 North 54th Street, Unit 9, Chandler, AZ 85226 USA Ph: (480) 536 - 9207 Internet: herosinc.com E-mail: info@herosinc.com

CYCLE RECORD COMPRESSOR ASSEMBLY

FORM 9387-1 (4-79)

(Refer to Life Limiting CSL)

Part VI

Page No.

Compressor Serial Number CAC - 80297

Engine Model 250-~~B17E~~ B17E

[illegible]

FORM 9387-1 (4-79)

Page No. 2

Compressor Serial Number CAC - 80297

Engine Model 250-B17E B17E

[illegible]

Service Accessory Record



Rolls-Royce

Nomenclature Fuz Control Unit

Part I
Page No. 1

Component serial number 334703

Engine Model 250-B175

Installed					Removed			
Date	Engine S/N	A/C S/N	Accy. Time		Date	Accy. Time		Reason
		Reg. #	Since OH	Total		Since OH	Total	
6-30-15	880290K		0.0	0.0K				

Inspection - Maintenance - Overhaul - Transfer - AD/CEB Compliance Record Accessory



Rolls-Royce

Nomenclature Fuel Control

Part II

Page No. _____

Component serial number 334703

Engine Model 250-B17E

Note 1: Record AD & CEB compliance and transfer information in "Remarks" section.

Note 2: This card must accompany accessory at removal.

Date	P/N	Accy. Time		Remarks	Signature and Certificate No.
		Since OH	Total		
<u>11/8/12</u>	<u>2524654-28</u>	<u>unk</u>	<u>000</u>	<p>MAINTENANCE RELEASE. AVIATION CONTROLS, INC., 101 Freedom Drive, Independence, KS 67301 FAA #YNBR921L. The component identified above was overhauled IAW current regulations of the FAA and CMM <u>73-20-15 Rev. 3/28/05</u> and is approved for return to service. Pertinent details of the repair are on file at this agency under work order no. <u>5300247</u>. C/W <u>GT-284, 285, 316, 319, 73-346 & 298</u></p> <p>Signed <u>Rebecca Wilson</u> (Authorized Signature for Station)</p> <p>Date <u>11/8/12</u></p>	



Rolls-Royce

Service Accessory Record

Nomenclature FUEL NOZZLE

Part I

Page No. 1

Component serial number AG40551

Engine Model 250-317E

Installed					Removed			
Date	Engine S/N	A/C S/N	Accy. Time		Date	Accy. Time		Reason
		Reg. #	Since OH	Total		Since OH	Total	
6-30-15	880290K		1488.4 1459.8	UNK				

Inspection - Maintenance - Overhaul - Transfer - AD/CEB Compliance Record Accessory



Rolls-Royce

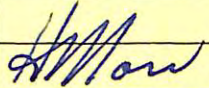
Part II

Nomenclature FUEL NOZZLE Page No. _____

Component serial number AG40551 Engine Model 250-

Note 1: Record AD & CEB compliance and transfer information in "Remarks" section.

Note 2: This card must accompany accessory at removal.

Date	P/N	Accy. Time		Remarks	Signature and Certificate No.
		Since OH	Total		
6-18-12	23077068	1488.4	UNK	Complied with AD 2006-16-04 and flowed for spray pattern with reference to Rolls Royce 11W3 OHM Edition 2 Revision 18 dated April 1, 2012 (including up to TR E2R18-72-1 dated May 14, 2012). Details under WO# PP22288	 Premier Turbines H. Moss NZUR892L

SERVICE RECORD

Part I
Page No. 1

FORM 2782E (F) (11-77)

PROPELLER REDUCTION GEARBOX ASSEMBLY

Propeller Gearbox Serial Number CAP-51111

Engine Model 250-B17C +

P/N 23032346

[illegible]

TRANSFER RECORD

PROPELLER REDUCTION GEARBOX ASSEMBLY

Propeller Gearbox Serial Number CAP-51111 Engine Model B17C 250-B17C

SHIPPED					RECEIVED	
Date	From	To	Turbine Time		Date	By
			Since OH	Total		
3-18-82	DDA-GMC	HAWKER PACIFIC	NEW	0.0	6-4-82	GAF AVALON
24-5-83	GAF AVALON	HAWKER PACIFIC	NEW	0.0	13-7-83	HAWKER DE HAVILLAND AUSTRALIA PTY. LTD.
26-7-83	HAWKER DE HAVILLAND AUSTRALIA PTY. LTD. C.A.F.	G.A.F. AVIATION TURBINE OVERHAUL PTY. LTD.	NEW	0.0	1-8-83	GAF AVALON
21 MAY 87	AVIATION TURBINE OVERHAUL PTY. LTD.	C.A.F.	N/A	5145 MIN	21 APR 87	AVIATION TURBINE OVERHAUL PTY. LTD.
					08/09/91	Airwork Miami
08/20/91	Airwork Miami	Airwork Millville	T.S.N.	1,578.8	8-22-91	Airwork
9-4-91	Airwork	Airwork Miami	TSN	1578.8	5-21-93	A.S.I.
6-4-93	A.S.I.	U.S. Customs	TSN	1933.5		

PROPELLER REDUCTION GEARBOX ASSEMBLY

Propeller Gearbox Serial Number CAP-51111

Engine Model 250-B17C ^{B17C}

[illegible]

INSPECTION — MAINTENANCE — OVERHAUL RECORD

PROPELLER REDUCTION GEARBOX ASSEMBLY

Propeller Gearbox Serial Number CAP51111
2784E(11-77)

Engine Model 250-B17E

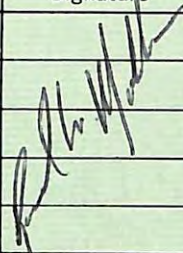
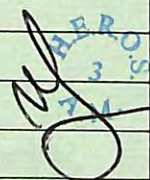
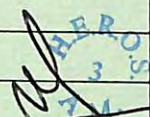
[illegible]

INSPECTION — MAINTENANCE — OVERHAUL RECORD

PROPELLER REDUCTION GEARBOX ASSEMBLY

 Propeller Gearbox Serial Number CAP51111
 2784E(11-77)

 Engine Model 250-B17E

Date	Gearbox Time		Remarks	Signature	Organization
	Since OH	Total			
6-4-93	TSN	1933.5	Disassembled and inspected for oil contamination. Flow checked rear housing. All work accomplished IAW 250-B17 Overhaul Manual, reference ASI WO# 40,257 for details, FAA Repair Station TU3R880L.		A.S.I.
5-27-21	NEW	3030.9	HELICAL-COIL INSERT REPAIRED OIL PRESSURE INLET PORT PER OHA 11W23, REF WO 200272	 	

 H.E.R.O.S. INC.
 FAA C.R.S. No. HERR200K
 EASA No. 145.5929

Allison

AIRWORK

Part IV
Page No. _____

INSPECTION — MAINTENANCE — OVERHAUL RECORD

PROPELLER REDUCTION GEARBOX ASSEMBLY

Propeller Gearbox Serial Number CAP51111
2784E(11-77)

Engine Model 250-B17E

[illegible]

SERVICE RECORD

TURBINE ASSEMBLY

Part I
Page No. 1

82D-1 (4-79)

Serial Number CAT- 80297 Engine Model 250-~~B17C~~ B17E

INSTALLED				REMOVED			
Owner	A/C or Eng. S/N	Turbine Time		Date	Turbine Time		Reason
		Since OH	Total		Since OH	Total	
	880290K	NEW	0.0	13Dec91	TSN 217.2	217.2	Low Power
	880290	TSN 217.2	217.2	9-31-94	TSN 797.9	797.9	Low Power
U.S., Customs	880290	TSN 797.9	797.9	9-10-20	NEW	1979.9	PROP STRIKE MTD
	"	NEW	1979.9				

INSPECTION — MAINTENANCE — OVERHAUL RECORD

PROPELLER REDUCTION GEARBOX ASSEMBLY

Propeller Gearbox Serial Number CAP51111
2784E(11-77)

Engine Model 250-B17E

[illegible]