

FORM 2782D (F) (11-77)

SERVICE RECORD

TURBINE ASSEMBLY

Part I
Page No. 1Turbine Serial Number CAT 36996Engine Model C20B

DUPLICATE

INSTALLED					REMOVED			
Date	Owner	A/C or Eng. S/N	Turbine Time		Date	Turbine Time		Reason
			Since OH	Total		Since OH	Total	
			NEW	1256.5	10/25/90	NEW	1317.9	LOAN TERMINATION
NOV 4 90	HTI HTI	822601	NEW	1317.9	6 JUNE 91	NEW	1826.0	LOAN TERMINATION
9-4-91	Heli-Turbine	821196	NEW	1826.0	—	—	—	
2-19-92	O.P.O.		NEW	1826.0	3-3-92	55.0	1881.0	LOAN TERMINATION
4-16-92	ASSOCIATED AIRCRAFT GROUP	821196	55.0	1881.0	9-1-92	265.0	2091.0	LOAN TERMINATION
9/1/92	T.G.R. (N2763M)	840052	NEW	2091.0	12-5-92	368.7	2194.7	TO N2763M (170 cycles this use)
12-5-92	T.G.R. (N2763M)	833507	NEW	2194.7	7-8-93	NEW	2508.9	RETURN LOANER (401 cycles this use)
10-28-93	ROGERS		NEW	2508.9	11-9-93	NEW	2508.9	RETURNED UNUSED
11-23-93	DEA	836458	NEW	2508.9	12-20-93	NEW	2523.3	LOAN TERMINATION
2/12/94	EJ HELI	833477	NEW	2523.3	3-10-94	NEW	2593.3	LOAN TERMINATION
5-19-94	HTI LOAN POOL	N30NT	NEW	2593.3	6-15-94		2651.3	" "
	HTI LOAN POOL		NEW	2651.3	9-17-94	NEW	2666.2	LOAN TERMINATION
7-14-95	LUMP	N-58431	NEW	2773.8	7-27-95	107.6	2773.8	LOAN TERMINATION

TRANSFER RECORD

Turbine Serial Number CAT 36996Engine Model C20B

DUPLICATE

SHIPPED

RECEIVED

Date	From	To	Turbine Time		Date	By
			Since OH	Total		
8/17/90	HTI LOAN POOL	MARITIME	NEW	1256.5	10/25/90	HELI-TURBINE
10/26/90	HTI LOAN POOL		NEW	1317.9	06/06/90	HELI-TURBINE
09/04/91	HTI POOL	C.A.G.	NEW	1826.0	4-15-92	ASSOCIATED AIRCRAFT GROUP
9-2-92	ASSOCIATED AIRCRAFT GROUP	HTI Pool	NEW	2091.0	9/3/92	Heli-Turbine
9-3-92	Heli-Turbine	TGR	NEW	2508.9	7/19/93	HELI-TURBINE IN ERROR
9-7-92	HTI	TGR	NEW	2091.0	9-8-92	TGR
12-5-92	TGR	HTI	NEW	2194.7	12-6-92	HTI
12-6-92	HTI	TGR	NEW	2194.7	12-6-92	TGR
7-8-93	TGR	HTI	NEW	2508.9	7-9-93	HTI
10-28-93	HTI	TGR	NEW	2508.9	10-29-93	TGR
11-9-93	TGR	HTI	NEW	2508.9	11-10-93	HTI
11-24-93	HTI	DEA CAE 83645B	NEW	2508.9	11-24-93	DEA

74.0

Part !
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Engine Model C20B

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SERVICE RECORD

TURBINE ASSEMBLY

Allison

Page No.

Engine Model 250- C20B

		INSTALLED		REMOVED		
Aircraft S/N	Date	TT	Date	TT	Reason	
Engine S/N		TSO		TSO		
2047	6-17-96	3500.3	7-1-96	3500.3	THI CONVINCE TO INST. ON N375M	
822206		-0-		-0-		
4162	7-1-96	3500.3	28 JAN 98	4671.0	OVER TRAMP	
822206		-0-		1170.7		
3506	4 FEB 98	4671.0	4-16-98	4884.5	1st + 2ND STAGE WHEEL RETIREMENT	
270281		1170.0		1383.6		
4161	15 JAN 99	4884.5	1-29-99	4913.1	Low Power	
834429		1384.2		1412.8		
N 22704	7-29-99	4913.1	4-20-01	5692.40	Bolt Broken off in 647 Jet mount COMPRESSOR STAYS ON STARTS & ACCELERATION	
CAE 835824		1412.8		5714.30		
CAE 835939	PREVIOUSLY REMOVED IN FIELD	5692.40	12-20-01	5714.30	AD 2005-10-13 CONTAMINANT RING INSTALLATION	
CAE-821378F	8/5/02	TSO 2492.25	11/7/11	6397.4		
3605	2/1/12	5714.30		2897.2		
CAE-821378F			TSO 2214.15			
		6397.4				
		2897.2				

Allison

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Engine Model 250-C20B

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MODIFICATION RECORD

TURBINE ASSEMBLY

 Turbine Serial Number CAT 36996

 Engine Model C20B

DUPLICATE

Compliance Date	Bulletin or Directive No.	Title	Signature	Organization
8/17/90	CEB 1062	REPLACE SPLITLINE BOLT	<i>Jackson</i>	HTI 405-136
8/17/90	CEB 1183	REPLACE ANTI-ROT PIN	<i>Jackson</i>	HTI 405-136
8/17/90	CEB 1185	BREAK EDGE HOLE ON PT SUPPORT	<i>Jackson</i>	HTI 405-136
8/17/90	CEB 1212	REPLACE TIE BOLT	<i>Jackson</i>	HTI 405-136
8/17/90	CEB 1223	MOD POSITION PLUGS	<i>Jackson</i>	HTI 405-136
8/17/90	CEB 1239	#8 U-RING INSPECTION	<i>Jackson</i>	HTI 405-136
8/17/90	CEB 1280	NEW TIE BOLT NUT	<i>Jackson</i>	HTI 405-136
9-4-91	CSL 1102	1750 HEAVY MAINT. INSP (OPT B)	<i>R. Bossie</i>	HELI-TURBINE
10/21/93	DIL-201	CRACK WHEEL OF #1 T. WHEEL	<i>R. Bossie</i>	HELI-TURBINE
01/13/94	CEB 1283	ALLSEAL COATING N2 SHAFTS	<i>R. Bossie</i>	N.A.C - H.T.D

MODIFICATION RECORD

TURBINE ASSEMBLY

Turbine Serial Number CAT 36996Engine Model C20B

DUPLICATE

Compliance Date	Bulletin or Directive No.	Title	Signature	Organization
02/08/96	DILL 200 R7	Assembly build requirements for series II engines.	<i>B. Hansen</i>	N.A.C.
"	Previously complied with:	CEB 1003 R1, CEB 1062,	<i>B. Hansen</i>	N.A.C.
"	CEB 1094, CEB	1124 R1, CEB 1136 R1, CEB 1149 R1,	<i>B. Hansen</i>	N.A.C.
"	CEB 1155 R1, CEB	1161 R2, CEB 1183 R1, CEB 1185,	<i>B. Hansen</i>	N.A.C.
"	CEB 1212 R3, CEB	A 1224 R2, CEB A1283 R6.	<i>B. Hansen</i>	N.A.C.
"	CEB A1342	Inspection of first-stage nozzle shield dome detail for HMI or overhaul	<i>B. Hansen</i>	N.A.C.
1-12-99	CEB 1003 REV.1	Confirmed Compliance	RC2481582 <i>Nichy</i>	P 409881192-99 FIS HEERLIDE
	CEB 1017			
	CEB 1020			
	CEB 1032 REV.1			
	CEB 1045 REV.2			
	CEB 1048 REV.3			
	CEB 1054 REV.2			
1-12-99	CEB 1062	Confirmed Compliance	RC2481582 <i>Nichy</i>	P 409881192-99 FIS HEERLIDE

MODIFICATION RECORD

TURBINE ASSEMBLY

 Turbine Serial Number CAT 36996

 Engine Model 250 C20B

Compliance Date	Bulletin or Directive No.	REV	Title	Signature	Organization
1-12-99	CEB 1064		Confirmed Compliance	RC2481582 <i>Kindy</i>	P W109881192-99 E RISHHEERGINE
	CEB 1078				
	CEB 1091	3			
	CEB 1099	2			
	CEB 1120	2			
	CEB 1127	4			
	CEB 1128	1			
	CEB 1142	2			
	CEB 1158	3			
	CEBA 1173				
	CEBA 1174	60			
	CEB 1178	2			
	CEB 1181				
1-12-99	CEB 1204	1	Confirmed Compliance	RC2481582 <i>Kindy</i>	P W109881192-99 E RISHHEERGINE

MODIFICATION RECORD

TURBINE ASSEMBLY

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FORM 2783 D (BACK)

Compliance Date	Bulletin or Directive No.	REV	Title	Signature	Organization
1-12-99	CEB1212	3	Confirmed Compliance	RC2421582 J. Hickey	PW10 9881192-99 ERIS HEERLINE
	CEB1221	5			
	CEB1223	1			
	CEB1239	1			
	CEB1262	2			
	CEB1267				
	CEBA1283	7			
	CEBA1292	1	Confirmed Compliance		
	CEBA1341	2	N/A per CEB A1342 R1 Complied With		
	CEBA1342	1	Confirmed Compliance		
	AD-72-03-06				
	AD 77-15-12				
	AD 79-21-01	1			
	AD 83-03-02	1	Confirmed Compliance		
1-12-99	AD 96-19-01		N/A per #5 + #8 big P/N	RC2421582 J. Hickey	PW10 9881192-99 ERIS HEERLINE
7-15-99	CEB1299	2	Confirmed Compliance	AA4373186 R. J. Hickey	PW10 9881192-99 ERIS HEERLINE



PHI 250T3 (5/95)

AD NOTE COMPLIANCE AND CEB MODIFICATION RECORD TURBINE ASSEMBLY

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Turbine

Serial Number CAT- 36996Engine Model 250-920B

AD No.	Applicable CEB No.	Date Hours @ Comp.	Method of Compliance	One Time	Recurring	Next Comp. Date	Signature and Certificate Number
		Next Comp. @ Hrs					
	CEB A-1342R2	7-29-99 4913.1	Confirmed Compliance	✓			PHI 43886821 HRCUTE
	CEB 1371	08-31-01 5692:40	Replaced Tie bolt	✓			PHI 43886821 HRCUTE
	CEB 1360R1	08-31-01 5692:40	RECOATING OF INNER P.T. SHAFT	✓			PHI 43886821 HRCUTE
	CEB A1375	08-31-01 5692:40	REPLACEMENT OF RND STG NOZZLE DIAPHRAGM	✓			PHI 43886821 HRCUTE
2005-10-13		JAN 6/2012 6397.4	Energy Absorbing Ring - mandatory installation	✓		N	SAL-AMO-22-58
	CEB 1399R1	JAN 6/2012 6397.4	Inspection of GP support Part # 23061728 installed	✓		N	SAL-AMO-22-58
	CEB 1406R1	JAN 6/2012 6397.4	Replacement of fwd lab seal	✓		N	SAL-AMO-22-58
	CEB-A-1254R3	JAN 6/2012 6397.4	modify GP support for energy absorbing ring	✓		N	SAL-AMO-22-58
	CEB-A-1255R4	JAN 6/2012 6397.4	Add Energy absorbing Ring	✓		N	SAL-AMO-22-58

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INSPECTION — MAINTENANCE — OVERHAUL RECORD
TURBINE ASSEMBLY

FORM 2784 D

Turbine Serial Number CAT 36996 Engine Model C20B
DUPLICATE

Date	Turbine Time		Remarks	Signature	Organization
	Since OH	Total			
8/17/90	NEW	1256.5	REPAIRED FOR TIME CONTINUED	<i>[Signature]</i>	HELI-TURBINE
			SERVICE. DETAILS ON FILE UNDER		INTERNATIONAL
			J/O 91127		HTI 405-136
10/26/90	NEW	1317.9	LEASE TERMINATION INSPECTION COMP-	<i>R. Boswell</i>	HELI-TURBINE
			LIED WITH, UNIT SERVICEABLE FOR		INTERNATIONAL
			TIME CONTINUE. DETAILS ON FILE		CRS DU3R462L
			UNDER J/O 01314.		-----
9-4-91	New	1826.0	Complied with CSL-1102 (opt. B)	<i>R. Boswell</i>	Heli-Turbine
			1750 H.M.I. tie bolt P/N 2300		International
			8020, S/N DJ65831. Free length		CRS DU3R462L
			6.884". Total stretch 0.015".		_____
			Overall length 6.899". Details on		_____
			file under J/O 11439.		_____

INSPECTION — MAINTENANCE — OVERHAUL RECORD

TURBINE ASSEMBLY

FORM 2784 D (BACK)

Date	Turbine Time		Remarks	Signature	Organization
	Since OH	Total			
9/3/92	NEW NEW	2091.0	Inspected turbine IAW Allison 10W2 300 hr inspection criteria. Details on file under J/O 21567	R. Bonnell	Heli-Turbine International DU3R462L
9/21/93	NEW	2508.9	LEASE TERMINATION INSPECTION COMPLIED WITH. UNIT SERVICEABLE FOR TIME CONTINUE. DETAILS ON FILE UNDER J/O 21645 TIE BOLT P/N 23008020 S/N DJ 65831 FREE LENGTH 6.883 TOTAL STRETCH 0.014" OVERALL LENGTH 6.897.	R. Bonnell	HELI-TURBINE INTERNATIONAL " " DU3R462L
11-23-93	NEW	2508.9	LEASE TERM INSPECTION C/W UNIT RETURNED UNUSED, DETAILS UNDER J/O 31804.	J. Bonnell	HELI-TURBINE INTERNATIONAL DU3R462L

INSPECTION — MAINTENANCE — OVERHAUL RECORD

TURBINE ASSEMBLY

Turbine Serial Number CAT 36996Engine Model C20B

Date	Turbine Time		Remarks	Signature	Organization
	Since OH	Total			
12-22-93	NEW	2528.3	COMPLIED WITH LOAN TERM INSP. IAW FORM	<i>[Signature]</i>	HELI-TURBINE INT'L
		TCY: 2486	#HTT-250-307, NO DISCREPANCIES NOTED.		DU3R462L
			DETAILS UNDER J/O 31816.		
3/16/94	NEW	2593.3	COMPLIED WITH LOAN TERM INSPECTION IAW FORM	<i>[Signature]</i>	NAC/HELI-TURBINE
		TCY: 2535	# HTT 250-307 NO DISCREPANCIES NOTED. DETAILS		" "
			UNDER J/O 4242002.		DU3R462L
9/7/94	NEW	2651.3	COMPLIED WITH LOAN TERM INSPECTION, NO	<i>R. Bowie</i>	NAC/HTD
			DISCREPANCIES NOTED, DETAILS ON FILE UNDER		" "
			MGN:SG119, BWO TT1200		NH6R616J
2/17/95	NEW	2707.4	INSPECTED FOR TIME CONTINUED	<i>[Signature]</i>	NAC/HTD
		TCY 2717	SERVICE, DETAILS ON FILE		
			UNDER W/O 56135		NH6R616J

INSPECTION — MAINTENANCE — OVERHAUL RECORD

TURBINE ASSEMBLY



Date	Turbine Time		Remarks	Signature	Organization
	Since OH	Total			
9-27-94	NEW	2666.2	REPAIRED TURBINE ASSY. FOR LOW	R. Bousie	NAC-HTD
		<i>7/89 2650.</i>	POWER IN ACCORDANCE WITH ALLISON		
			OVERHAUL MANUAL 10W3. UNDER W/O		
			TT1220/SG123. TIE BOLT S/N DJ65831		
			FREE LENGTH 6.883 STRETCH 0.014".		CRS#NH6R616J
01/13/95	NEW	2699.6	REPAIRED PER SMOKING AT SHUTDOWN IN	R. Bousie	N.A.C - H.T.D.
		TCY:2714	ACCORDANCE WITH ALLISON PUBLICATION		LONG BEACH
			10W3. DETAILS ON FILE UNDER SHOP		NH6R616J
			W/O: SG125/TT1364.		
03/20/95	NEW	2724.0	LOAN TERM. INSPECTED I.A.W.	R. Bousie	NAC - H.T.D.
		TCY:2732.	ALLISON PUB. 10W2 (100HRS UNASST)		NH6R616J.

INSPECTION — MAINTENANCE — OVERHAUL RECORD

TURBINE ASSEMBLY

Turbine Serial Number CAT - 36996Engine Model C20B

Date	Turbine Time		Remarks	Signature	Organization
	Since OH	Total			
4-20-95	NEW	2724.0	Repaired Turbine Assy. For	<i>R. B. B...</i>	NAC/HTD
		T.C. 2732	Time Continued Service. In		" "
			Accordance with 10W3 Allison		" "
			Overhaul Manual Details		" "
			On File Under W/O TT1531/ZW64.	<i>R. B. B...</i>	RS# NH6R616J
8-1-95	NEW	2831.6	PERFORMED LOAN TERM INSP./100 HRS.		N.A.C./H.T.D.
		TC 2840	INSP. I.A.W. ALLISON 10W3 MANUAL.		
			DETAILS UNDER W/O TT1691/SG151.		RS# NH6R616J

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INSPECTION - MAINTENANCE - OVERHAUL RECORD

TURBINE ASSEMBLY

Allison

F-2784D (1/94)

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Turbine Serial Number CAT- 36996

Engine Model 250-C20B

Date	Turbine Time		Remarks	Signature and Certificate No.	Organization
	Since OH	Total			
5/20/96	0.0	3500.63	Pre-test and functionally tested with CAE-822206 per manufacturer's specifications under MGN: SE106901.	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 W.O. No. <u>SE106901</u> Date <u>5-20-96</u> <i>Ma. Buhon</i>	
28 JAN 98	1170.7	4671.0	OVERTEMP REPORTED AT 988c FOR 3 SECONDS. INSPECTED TURBINE I.A.W. ALLISON 250-C20 O&M TABLES 8-9 AND SPECIAL INSPECTIONS ON TABLE 603 ALONG WITH ENGINE INSPECTION / CHECK IN CH. 72-00-00 NO DEFECTS NOTED.	Authorized Signature NATIONAL AIRMOVATIVE CORP. 7200 Lockheed Street P. O. Box 6059 Oakland International Airport Oakland, Calif. 94603-0069 G.R.S. No. VZ3R037L	
			NOTE - AIRWORK INSPECTED INHOUSE DURING VISIT.	<i>[Signature]</i> AIP435273869	IHI

INSPECTION - MAINTENANCE - OVERHAUL RECORD

TURBINE ASSEMBLY



F-2784D (1/94)

Part IV
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Turbine Serial Number CAT- 36996

Engine Model 250- C20 B

Date	Turbine Time		Remarks	Signature and Certificate No.	Organization
	Since OH	Total			
1-17-99	1384.2	4884.5	Performed turbine 1750 and 300 hr drop as req.	_____	_____
_____	_____	_____	Tie bolt PN 23008020 S/N NM78109 free length	_____	_____
_____	_____	_____	6.883 stretch length 6.897 All work	_____	_____
_____	_____	_____	done dau C20 O/H manual 10W3 3RD edition	_____	_____
_____	_____	_____	6th Rev-date 15 July 97 and OP Maint Manual	_____	_____
_____	_____	_____	10W2 6th edition 1st Rev-date 15 Oct 97	RC2481582 <i>Widney</i>	PW109881192-99 FRISHEER WINE

MAINTENANCE RELEASE

PETROLEUM HELICOPTERS, INC. Regional Airport, Lafayette, Louisiana Certificate No. HEER617E

The aircraft, airframe, aircraft engine, propeller, or appliance identified above was repaired and inspected in accordance with current regulations of the Federal Aviation Agency and is approved for return to service. Pertinent details of the repair are on file at this agency under Work Order No. 4881192-99

Signed

[Signature]

(Authorized Signature For Station)

for Date 1-17-99

INSPECTION - MAINTENANCE - OVERHAUL RECORD



TURBINE ASSEMBLY

PHI 250T4 (5/95)

Part IV
Page No. 9Turbine Serial Number CAT- 36996Engine Model 250- C/20B

Date	Turbine Time		Remarks	Signature and Certificate No.	Organization
	Since OH	Total			
7-28-99	1412.8	4913.1	Repaired turbine engine due to low power.	—	—
—	—	—	Tie Bolt PN 23008020 3/2 NM 78/09. Free	—	—
—	—	—	length 6.883 stretched length 6.8975. 4w 150	—	—
—	—	—	+ 400 hr. engine.	AP4388082-1 J. D. DePinto	R/S Heer 617E PHI 250 J0024680

MAINTENANCE RELEASE

PETROLEUM HELICOPTERS, INC. Regional Airport, Lafayette, Louisiana Certificate No. HEER617E

The aircraft, airframe, aircraft engine, propeller, or appliance identified above was repaired and inspected in accordance with current regulations of the Federal Aviation Agency and is approved for return to service. Pertinent details of the repair are on file at this agency under Work Order No. J0024680Signed Springer

(Authorized Signature For Station)

for Date 7-30-99

2-23-00	1548:55	5050:10	Temperature reached 930° momentarily Hotend inspection performed per attached engineering Report N 22706 on the 4/1.	PHI 250 J0024680 J. D. DePinto	PHI CRS Heer 617E S-N 22706

INSPECTION - MAINTENANCE - OVERHAUL RECORD



TURBINE ASSEMBLY

PHI 250T4 (5/95)

Part IV

Page No. 10Turbine Serial Number CAT- 36996Engine Model 250-C20B

Date	Turbine Time		Remarks	Signature and Certificate No.	Organization
	Since OH	Total			
08-31-01	2192:25	5692:40	Repaired due to a broken bolt at 6 $\frac{1}{2}$ ft. from port, O/W 150/400/6 and 1750 hr. inspection. Tie bolt P/N 23068265 S/N-NM81909. FREE Length 6.882, stretch Length 6.896. All work was done I/A/W O/H Manual 10W3, 3 rd edition, Rev. 6, dated 7-15-97 & Operation & Maint. Manual 10W3, 6th edition, Rev. 5 dated 6-1-91.		

MAINTENANCE RELEASE

The aircraft, airframe, aircraft engine, propeller, or appliance identified above was repaired and inspected in accordance with current regulations of the Federal Aviation Agency and is approved for return to service. Pertinent details of the repair are on file at this agency under Work Order No. 50161011

Signed Greg Albert

(Authorized Signature For Station)

for Date 4 Sept. 2001

PHI 250T4-1012 CR3 H00R17E
50161011

INSPECTION - MAINTENANCE - OVERHAUL RECORD



PHI 250T4 (5/95)

TURBINE ASSEMBLY

Part IV
Page No. 11Turbine Serial Number CAT-36996Engine Model 250-C20B

Date	Turbine Time		Remarks	Signature and Certificate No.	Organization
	Since OH	Total			
1-18-02	2214:15	5714:30	Performed visual insp., Test cell	1	1
1	1	1	ran, found to be Serviceable -	P439334245 Merced Howard	J0214615 RIS HEER617C

MAINTENANCE RELEASE

PETROLEUM HELICOPTERS, INC. Regional Airport, Lafayette, Louisiana Certificate No. HEER617E

The aircraft, airframe, aircraft engine, propeller, or appliance identified above was repaired and inspected in accordance with current regulations of the Federal Aviation Agency and is approved for return to service. Pertinent details of the repair are on file at this agency under Work Order No. J0214615

Signed

Roger Burchett
(Authorized Signature For Station)

for Date

1-21-02

The item identified above (less vertical fireshield) was repaired for installation of an energy absorber in accordance with Rolls-Royce Overhaul Manual 10W3 dated August 15/2011, and the current maintenance rules of the Canadian Aviation Regulations. Major parts replaced: GP Support, #1 nozzle shield, and the 2nd stage splined adapter. The Turbine is released serviceable for return to service on a time continued basis, subject to a satisfactory functional test in compliance with CAR 371, FAR part 43.17, and EASA Part 145 (ref. EASA Approval Certificate EASA.145.7059). All mandatory modifications & Airworthiness Directives were complied with. All pertinent details of the work performed are on file at this organization under work order # LM255066.

Note: Cycles of the Turbine assembly are unknown, but times & cycles of the life limited components are as follows:

#1 Wheel Ser # X150935 TSN 705, CSN 948 #2 Wheel Ser # HX132574 TSN 705, CSN 948
 #3 Wheel Ser # X500992 TSN 705, CSN 948 #4 Wheel Ser # HX76407 TSN 705, CSN 948
 GP Tie-bolt Part # 23068265 Ser # NM81909 TSN 705, CSN 948

JAN 06 2012

2897.2 6397.4
 CSO UNK CSO UNK

SAL
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SAL-AMS-22-58

TURBINE ASSEMBLY

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Engine Model 250-

250- 020B

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FORM 2785D (11-77)

Part V
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Turbine Serial Number CAT 36996

Engine Model C20B

DUPLICATE

[illegible]

ASSEMBLY RECORD

TURBINE ASSEMBLY

Part V 2
Page No. _____

FORM 2785D (11-77)

Turbine Serial Number _____ CAT 36996 _____ Engine Model _____ C20B _____

Nomenclature	Part Number	Serial Number	INSTALLED			REMOVED			Reason
			Date	Turbine Total Time	This Item	Date	Turbine Total Time	This Item	
					TT Cycles			TT Cycles	
1ST STG WHL	6886457	X126678	10/21/93	2508.9	666.5 865	9-27-94	2666.2	823.8 1049	ERODED
1ST STG WHL	6886407	X 125494	9-27-94	2666.2	490.1 606	02/08/96	3500.3	1324.2 1075	Timed Out
1ST STG WHL	6886407	X 134995	02/08/96	3500.3	0.0 0	4-16-98	4884.5	1384.2 2969	High Cycles
2ND STG WHL	6898782	HX 117356	"	3500.3	0.0 0	4-16-98	4884.5	1384.2 2969	High Cycles
3RD STG WHL	23001967	HX 81552	"	3500.3	0.0 0	1-29-99	4913.1	1412.8 3019	Troubleshoot low power
4TH STG WHL	6853279	HX 69081	"	3500.3	0.0 0	4-20-01	5692.40	2192.25 5209.0	HIGH cycles
ADAPTER	6898784	102679	"	3500.3	0.0 0				
#1 wheel	6886407	X 137191	1-12-99	4884.5	NEW -0-	4-20-01	5692.40	808.10 2280.0	sulfidation on blades
#2 wheel	6898782	HX 124984	1-12-99	4884.5	NEW -0-	4-20-01	5692.40	808.10 2280.0	sulfidation on blades.

Part V
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Engine Model 250- C20B

[illegible]

Part V

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36996

Engine Model 250-

CZOB

[illegible]

CYCLE RECORD TURBINE ASSEMBLY

(Refer to Life Limiting CSL)

Turbine Serial Number CAT 36996Engine Model C20 B

DUPLICATE

Installed				Do Not Exceed Cycle Counter Reading	Removed		Cycles This Installation
Date	Owner	Eng S/N	Cycle Counter Reading		Date	Cycle Counter Reading	
			1884	3000	10/25/90	3079	28 1195
4 Nov 90	PAPILLON / RENTAL	822601	1785 1963	8401	6 JUNE 91	7780	495
2-19-92	C.P.D. / RENTAL		7780		3-3-92	7840	60
4-16-92	ASSOCIATED AIRCRAFT GROUP	821196	A/C Log 5927		9-1-92		145
	TGR				12-5-92		170
	TGR				7-8-93		401
	TGR → RETURNED		UNUSED	→	11-9-93		0000 USED
2/12/94	DEA	836458			12-20-93		20
2/12/94	EJ HELI	833477	7615		3-10-94		49
					6-15-94		98
					9-17-94		17
4/22/94	D.H.E.	321633	4240		11-29-94	4304	6482711

[illegible]

Allison

Part VI
Page No. 3

	INSTALLED				REMOVED			
Aircraft S/N Engine S/N	Date	Turbine T T	Cycle Count Current Cycles Cycle Limit	Engine CYCLES at Installation	Date	Turbine T T	Cycle Count Current Cycles Cycle Limit	Engine CYCLES at Removal
2047 822206 4162 822206 3506 270281	6-17-96	3500.3	3119 6119	-0-	7-1-96	3500.3	3119 6119	-0-
4161 834429 N2270G	7-1-96	3500.3	3119 6119 5757	-0-	28 JAN 98	4671.0	5757	2638
	4 FEB 98	4671.0	5757	492	4-16-98	4884.5	6088	823
	15 JAN 99	4884.5	5769 6088 5969 6119	11618	1-29-99	4913.1	6138	11668
	7-28-99	4913.1	6138 6119 5969 15779	11668	4-20-01	5692.40	5249	835.9
	8-31-01	5692.40	-0- 3000 12542		12/30/01	5714.3		Engine cyc 15779
	8/5/02	5714.3	15779		11/7/11	6397.4	948 CSOW R.6248 UNK cycles of life limited parts R.G.	Engine cyc 16727
3605 ONE-821376	2/1/12	6397.4	948 16727					

[illegible]



Serial Number

Part Number

Engine Model

250-

[illegible]



PHI 904-250T8-001

ASSEMBLY RECORD

Part VII

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TURBINE #2 wheel.

Serial Number

Part Number

Engine Model

250- C20B

[illegible]

TURBINE

Page No.

Engine Model

Part Number

[illegible]



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ASSEMBLY RECORD

TURBINE #4 Wheel

Part VII

Page No. _____

Serial Number

Part Number

Engine Model

250-

C20B

[illegible]

TURBINE

Part VII
Page No. _____

Part Number _____

[illegible]

ASSEMBLY RECORD

PHI 904-250T8-001

Part VII

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TURBINE wheel #3

Serial Number

Part Number

Engine Model

250- C20 B

[illegible]

TURBINE

Part VII
Page No. _____

Part Number _____

		INSTALLED			REMOVED		
History Info: PO#, PS#, INV#, Etc.	Turbine	Date	Turbine	Component	Date	Turbine	Component
	Part Number		T T	T T		T T	T T
	Serial Number		CYCLES	CYCLES		CYCLES	CYCLES

Serial Number NM 81909

Part Number 23068265

Engine Model 250- C20B

[illegible]

TURBINE

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Engine Model 250-

Part Number

		INSTALLED			REMOVED		
History Info: PO#, PS#, INV#, Etc.	Turbine	Date	Turbine	Component	Date	Turbine	Component
	Part Number		T T	T T		T T	T T
	Serial Number		CYCLES	CYCLES		CYCLES	CYCLES

Part I
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Turbine Serial Number _____ Engine Model _____

[illegible]

ASSEMBLY RECORD

TURBINE ASSEMBLY

Part V
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FORM 2785 - D (FRONT) REV. 6/70

Turbine Serial Number _____ Engine Model _____

[illegible]

ASSEMBLY RECORD

TURBINE ASSEMBLY

Part V

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[illegible]

