Section 1.

250C30S TURBINE ENGINE
Make: Rolls-Royce
Model: 250C30S
Serial Number: CAE-890807
Date of Manufacture:
Log Books sold with engine: Original

Contact for technical inquires:

John Barnes,
Director of Maintenance: 647.428.2148
Cellular: 647.205.3365
jbarnes@ornge.ca

Alternate contact:

Robert Zwanenburg,
Manager of Maintenance Planning/Analysis: 613.240.5331
Cellular 613.240.5331
rzwanenburg@ornge.ca

Section 2:

Information & Specifications:

Total Engine Time Since New: 11689.28 Hours
Total Engine Cycles Since New: 22306 Cycles

Times and Cycles as of: March 28, 2017

Section 3.

Engine- Maintenance and Inspections
Make: - Rolls-Royce
Model: 250C30S

Engine S/N	**CAE-890807**			
TSN: 11689.28		**TSO:** 11689.28*		
CSN: 22306		**CSO:** 22306*		
LAST MAJOR INSPECTION		**LAST COMPLETED**	**Count Remaining**	
Engine Overhaul (On-Condition Modular Engine)		N/A*	N/A	
300-Hour Engine Inspection		Unk.	-12.18	
Turbine Overhaul		30 OCT 2006	1179.22 Hours 356 Cycles	
Life Limited Parts		**Part Number**	**Hours Remaining**	**Cycle Remaining**
COMPRESSOR ASSEMBLY	On-Condition	23051643	o/c	o/c
Impeller: Compressor	Retirement	23076537	11453.62	16020
TURBINE ASSEMBLY	Overhaul	23035128	1179.22**	356**
First Stage Wheel	Retirement	23053299	1073.42	4
Second Stage Wheel	Retirement	23032280	1073.42	4
Third Stage Wheel	Retirement	6898663	3064.62	1831
Fourth Stage Wheel	Retirement	23066744	2442.12	356
GEARBOX ASSEMBLY	On-Condition	23005179	o/c	o/c
Fuel Pump	Overhaul	6896810	n/a	n/a
Fuel Nozzle	Overhaul	23077067	n/a	n/a
Fuel Control Unit	Overhaul	23087146	n/a	n/a
Fuel Control Unit	CEB-73-3135	23087146	n/a	n/a
PT Governor	Overhaul	23070106	n/a	n/a
PT Governor	CEB-73-3139	23070106	n/a	n/a
Bleed Valve	Overhaul	23073353	n/a	n/a

Notes:

* 250 Series engine are modular On-Condition Assembly and not subject to a Scheduled Overhaul.
The Compressor and Gearbox are on-condition and the Turbine assembly is subject to an Overhaul interval

** The Turbine Overhaul on the Rolls-Royce 250C30S Series engines are operated with a 6000 Cycle OH interval and approved in accordance with Rolls-Royce Letter CNA0137-REH-01-2012.
Engine is otherwise subject to the 2000 Hour Overhaul interval.

ornge

Installed Parts & Tasks Report

ORNGE GLOBAL AIR
5310 Explorer Drive,,
Mississauga,
ON,Canada

Installed Parts & Tasks

Root Part#/Serial# : Times : 11689:17 FH Cycles

Part # / Serial # Part Description Position Code	Level Code/Attach Date/ Days Root Part # / Root Serial # Root Position Code	Since New Since Overhaul	Task # Task Description Maintenance Type	Interval	Remaining
23005290/CAE-890807 ENGINE ASSEMBLY: 250C30S	/I- -/-	22306.40 ESTARTS, 11689.28 FH	MC-RR-0150-01 Engine Vibration Data Collection Inspection	600.00 FH	304.42 FH
23005290/CAE-890807 ENGINE ASSEMBLY: 250C30S	/I- -/-	22306.40 ESTARTS, 11689.28 FH	MS-RR-0300-01 Replacement Of Engine Oil Inspection	365.00 Days 600.00 FH	-765.00 Days 537.18 FH
23005290/CAE-890807 ENGINE ASSEMBLY: 250C30S	/I- -/-	22306.40 ESTARTS, 11689.28 FH	OGR-M-C30S-009 150-Hour Engine Inspection Inspection	150.00 FH	75.62 FH
23005290/CAE-890807 ENGINE ASSEMBLY: 250C30S	/I- -/-	22306.40 ESTARTS, 11689.28 FH	OGR-M-C30S-010 300-Hour Engine Inspection Inspection	300.00 FH	-12.18 FH
23005290/CAE-890807 ENGINE ASSEMBLY: 250C30S	/I- -/-	22306.40 ESTARTS, 11689.28 FH	OGR-M-C30S-018 2000-Hour Engine Inspection Inspection	2000.00 FH	1179.22 FH
23005290/CAE-890807 ENGINE ASSEMBLY: 250C30S	/I- -/-	22306.40 ESTARTS, 11689.28 FH	MC-H-76-0025-03 Power Check Inspection	25.00 FH	4.00 FH
23005290/CAE-890807 ENGINE ASSEMBLY: 250C30S	/I- -/-	22306.40 ESTARTS, 11689.28 FH	IAM-RR-71-001** Inspection		

Legend ** - As Required Task

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Installed Parts & Tasks

Root Part#/Serial# : Times : 11689:17 FH Cycles

Part # / Serial # Part Description Position Code	Level Code/Attach Date/ Days Root Part # / Root Serial # Root Position Code	Since New Since Overhaul	Task # Task Description Maintenance Type	Interval	Remaining

Installed Parts & Tasks

Root Part#/Serial#: 23005290 / CAE-890807 **Times :** 11689:17 FH **Cycles**

Part # / Serial # Part Description Position Code	Level Code/Attach Date/ Days Root Part # / Root Serial # Root Position Code	Since New Since Overhaul	Task # Task Description Maintenance Type	Interval	Remaining
23051643/CAC-90228 COMPRESSOR ASSEMBLY 723000	1.1/ /1673 23005290/CAE-890807	23182.00 ESTARTS, 14692.18 FH	MC-RR-2000-01 Compressor Spur Adapter Gear Shaft Inspection Inspection	2000.00 FH	1048.42 FH
23051643/CAC-90228 ✓✓ COMPRESSOR ASSEMBLY 723000	1.1/ /1673 23005290/CAE-890807	23182.00 ESTARTS, 14692.18 FH	MC-RR-2000-03 Compressor Rotor And Splined Adapter Insp Inspection	2000.00 FH	1048.42 FH
23076537/JY103517 ✓ IMPELLER: COMPRESSOR 723020	1.1.1/ /1673 23005290/CAE-890807	8980.00 ESTARTS, 3546.38 FH	SDI-RR-CI Compressor Impeller Assembly Shop Detailed Inspection Inspection	12500.00 FH	8953.62 FH
23076537/JY103517 IMPELLER: COMPRESSOR 723020	1.1.1/ /1673 23005290/CAE-890807	8980.00 ESTARTS, 3546.38 FH	RL-RR-CI Compressor Impeller Assembly Retirement Life Retire	25000.00 ESTARTS, 15000.00 FH	16020.00 ESTARTS, ✓ 11453.62 FH
23066675/SL13476A ✓ COMBUSTION LINER 724012	1.2/ /1673 23005290/CAE-890807	1182.00 ESTARTS, 951.58 FH	OH-CL Combustion Liner Overhaul Overhaul	2000.00 FH	1184.62 FH
23035128/CAT-90189 ✓✓ TURBINE ASSEMBLY 725000	1.3/ /1673 23005290/CAE-890807	29150.00 ESTARTS, 3625.88 FH	MC-RR-2000-02 Compressor To Turbine Coupling Inspection Inspection	2000.00 FH	1048.42 FH ✓
23035128/CAT-90189 TURBINE ASSEMBLY 725000	1.3/ /1673 23005290/CAE-890807	29150.00 ESTARTS, 3625.88 FH	OH-RR-TA Turbine Assembly Overhaul Overhaul	6000.00 ESTARTS	356.00 ESTARTS
23073566/SL14177A ✓ 1ST STAGE NOZZLE SHIELD 725011	1.3.1/ /1673 23005290/CAE-890807	2996.00 ESTARTS, 282.58 FH			

Installed Parts & Tasks

Root Part#/Serial#: 23005290 / CAE-890807 Times : 11689:17 FH Cycles

Part # / Serial # Part Description Position Code	Level Code/Attach Date/ Days Root Part # / Root Serial # Root Position Code	Since New Since Overhaul	Task # Task Description Maintenance Type	Interval	Remaining
23053299/X566349 ✓ 1ST STAGE WHEEL 725014	1.3.2/ /1673 23005290/CAE-890807	2996.00 ESTARTS, 951.58 FH	RL-RR-TW1 First-Stage Turbine Wheel Retirement Life Retire	3000.00 ESTARTS, 2025.00 FH	4 ESTARTS 1073.42 FH ✓
23032280/X570298 ✓ 2ND STAGE WHEEL 725022	1.3.3/ /1673 23005290/CAE-890807	2996.00 ESTARTS, 951.58 FH, 0.00 N2	RL-RR-TW2 Second-Stage Turbine Wheel Retirement Life Retire	3000.00 ESTARTS, 2025.00 FH	4 ESTARTS 1073.42 FH ✓
6898663/X565596 ✓ 3RD STAGE WHEEL 725070	1.3.4/ /1673 23005290/CAE-890807	4169.00 ESTARTS, 1485.38 FH, 0.00 N2	RL-RR-TW3 Third-Stage Turbine Wheel Retirement Life Retire	6000.00 ESTARTS, 4550.00 FH, 6.00 N2	1831.00 ESTARTS, 3064.62 FH, 6.00 N2 ✓
23066744/X558598 ✓ 4TH STAGE TURBINE WHEEL 725074	1.3.5/ /1673 23005290/CAE-890807	5644.00 ESTARTS, 2107.88 FH, 0.00 N2	RL-RR-TW4 Fourth-Stage Turbine Wheel Retirement Life Retire	6000.00 ESTARTS, 4550.00 FH, 6.00 N2	356.00 ESTARTS, 2442.12 FH, 6.00 N2 ✓
23035179/CAG-90514 ✓✓ ENGINE GEARBOX (C30S) 726010	1.4/ /1673 23005290/CAE-890807	1182.00 ESTARTS, 1659.98 FH	NO FUEL PUMP ✓ FUEL NOZZLE ✓ FUEL CONTROL UNIT ✓ BLEED VALVE ✓ PT GOVERNOR ✓		

Legend ** - As Required Task

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StandardAero

Rolls-Royce

Engine Test Results

Model 250-C30S REPAIR

Customer: CANADIAN HELICOPTERS LIMITED ***
Date: 22-Dec-08
TCN: LW725522
Shop Order: JUZQ6
Run No.: 1

FOR REFERENCE ONLY

Engine S/N: CAE-890807
Comp S/N: CAC-90228
Turbine S/N: CAT-90189
Gearbox S/N: CAG-90514
RGB S/N: N/A

Engine performance data corrected to sea level, static (unity ram) standard day

Setting	CRC	CRB	CRA	NCR	TO	2.5 MIN
GPTOT				1282.0	1368.0	1424.0
SHP				605.8	695.6	754.4
Min Allow	334.0	418.0	501.0	557.0	650.0	700.0
% Var				8.8%	7.0%	7.8%
SFC	0.693	0.640	0.607	0.580	0.566	0.559
Max Allow	0.727	0.665	0.624	0.607	0.592	0.588
% Var	-4.7%	-3.8%	-2.7%	-4.4%	-4.4%	-4.9%
T/M Calibration at 650 HP = 99.7 PSIG						

Seal Vent Orifice= -3

I hereby certify that the engine identified above has been tested in accordance with Rolls-Royce overhaul manual 14W3 ED2 REV14 01 APRIL 2008 for the specified workscope.

Rebecca Perrault

SAL 661 01

LW725522 TABLE 603 CAE-890807 JAN 0 6 2009

INITIAL	150 HOUR INSPECTION	REFERENCE SECTION	REMARKS
504 DI	1. Inspect the engine for obvious loose bolts, broken or loose connections, security of mounting accessories, and broken or missing safeties. Check accessible areas for obvious damage and evidence of fuel and oil leakage. Check B–nuts for presence and alignment of torque stripes. B–nuts with missing torque stripes must be loosened and retightened, before application of new torque stripes.		
504 DI	2. Inspect the compressor impeller leading edges for damage.	72–30–00, para 4.B.	
504 DI	3. Clean the compressor, as required, with a chemical wash solution if dirt buildup is evident.	72–30–00, para 5.B.	
504 DI	4. Without disassembly, inspect the turbine and exhaust collector supports for condition of welded joints, cracks and buckling.	72–50–00, para 6.L. and para 8.B.	
504 DI	5. Using a small mirror and a flashlight, inspect flow divider inside turbine and exhaust collector support for cracks or separated tack welds. If cracking of sheet metal or welds is found but limits are not exceeded, inspect every 25 hours until support is repaired, flow divider is removed, or limits are exceeded.	72–50–00, para 6.L. and para 8.B.	Compliance with 250 CEB 72–3040 eliminates this inspection requirement.
504 DI	6. Inspect the engine fuel system for evidence of leakage. Check condition and security of fittings and tubing. Check fuel control lever for freedom of operation and full travel. Check condition and security of all linkages.	73–00–00, para 2.A.	
n/a	7. Inspect the engine mounts for condition and security.		
504 DI	8. Perform a detailed visual inspection of the outer combustion case. Using a bright light (flashlight or equivalent), inspect all weld areas for cracks.	72–40–00, para 2.B.(1)	Outer combustion cases without brazed reinforcement wire patches, comply with inspection requirements of 250 CEB–A–72–3115.

LW725522 TABLE 603 (cont) CAE-890807 JAN 0 6 2009

INITIAL	150 HOUR INSPECTION	REFERENCE SECTION	REMARKS
	9. Inspect electrical harness for loose, chafed, frayed, or broken wires and loose connectors.		
PD/19	10. For aircraft with external energy absorbing ring installed, inspect ring upper bracket for cracks.		Reference 250 CEB–A–72–3124, Revision No. 2
	CAUTION: NORMAL ENGINES USE A MINIMAL AMOUNT OF OIL. HOWEVER, ANY SUDDEN INCREASE IN OIL CONSUMPTION IS INDICATIVE OF OIL SYSTEM PROBLEMS AND MUST BE CORRECTED.		
PD/19	11. Check oil supply level. NOTE: Check oil supply level within 15 minutes of engine shutdown.	72–00–00, Table 101 Trouble–shooting, items 17 and 18.	If the engine has been idle for more than 15 minutes, motor the engine for 30 seconds to scavenge any oil that may have drained into the gearbox from the oil tank. Failure to completely scavenge the oil from the gearbox will cause a false indication of high oil consumption. See Post Flight Check No. 3
	12. Inspect for extension of impending oil filter bypass indicator. If indicator is extended, clean oil filter.	72–60–00, PARA 1.C.	It is possible for the impending oil filter bypass indicator to extend during a start of a cold soaked engine, giving an erroneous indication of a dirty oil filter. If the impending filter bypass indicator is extended, run the engine until the oil is at operating temperature and push the indicator button in. If the button remains in throughout the normal speed range of the engine, the filter does not require cleaning.

LW725522 TABLE 603 (cont) CAE-890807 JAN 0 6 2009

INITIAL	150 HOUR INSPECTION	REFERENCE SECTION	REMARKS
	CAUTION: WHEN THERE IS EVIDENCE THAT THE AIRFRAME OR ENGINE FUEL FILTER HAS BEEN BYPASSED, THE GAS PRODUCER FUEL CONTROL INLET FILTER, THE FUEL NOZZLE FILTER, MUST BE CLEANED. (REFER TO SPECIAL INSPECTIONS, 72–00–00, TABLE 607) IF ANY CONTAMINATION IS FOUND IN THE FUEL NOZZLE FILTER, THIS WILL REQUIRE THAT THE FUEL CONTROL BE SENT TO AN AUTHORIZED REPAIR FACILITY FOR INTERNAL CLEANING. REFERENCE MUST ALSO BE MADE TO THE AIRFRAME MAINTENANCE MANUAL FOR FUEL SYSTEM MAINTENANCE FOLLOWING FUEL CONTAMINATION.		
	13. Inspect for extension of impending fuel filter bypass indicator.	73–10–05, PARA 2.	If indicator is extended, replace fuel filter.
		73–20–02, PARA 5.A.	Inspect fuel filter in the fuel control and the filter in the fuel nozzle. Ground run engine to assure proper operation of control system.
	13.A. Clean and inspect the fuel nozzle. If no airframe mounted fuel filter is installed, inspect the fuel nozzle filter.	73–10–03	Install fuel nozzle with proper number of spacers.
	14. Record component changes, inspections, and compliance with technical instructions as required. Report engine difficulties to Rolls–Royce and/or Authorized Maintenance Center (AMC) on Model 250 report, Form 8117–1 (Rev. 5–94) as required.		
	15. Without disassembly, check the compressor discharge air tubes. Inspect for air leaks, dents, cracks, chafing, and proper clamping.	72–40–00, Table 203.	
	16. Inspect compressor scroll for cracks. Pay particular attention to welded areas.		
	17. Clean the burner drain valve.	72–40–00, PARA 3.	Ensure that the airframe overboard is clear. Refer to aircraft manual for maintenance procedures.
	18. Inspect the anti–icing, bleed air, and overspeed solenoid valves for loose, chafed, frayed or broken wires, loose connections and security of attachment.		

LW725522 TABLE 603 (cont) CAE-890807 JAN 06 2009

INITIAL	150 HOUR INSPECTION	REFERENCE SECTION	REMARKS
SAT 504 01	19. Inspect the horizontal and vertical firewall shields for cracks.	72–50–00, PARA 6.K.	Continued sheet metal or tube cracking may be an indication of excessive engine, engine accessory, or airframe vibration.
po/m	20. Check fuel control and power turbine governor for proper rigging.	73–20–01, PARA 2.C. and 73–20–02, PARA 2.C.	
SAT 504 01	21. On power and accessory gearbox cover, check the applied torque on all turbine and exhaust collector support–to–gearbox retaining nuts.	72–50–00, PARA 1.B.	Torque must be 120–150 lb in. (14–17 N·m). Compliance with 250 CEB–72–3017 cancels this periodic inspection requirement.
SAT 504 01	22. Remove, clean, operationally test, and reinstall the magnetic drain plugs: (a) Standard type – check the chip detector end of the plugs for cracks. b. Quick disconnect – inspect the locking pins and flanged inserts for wear.	72–60–00, PARA 4.B.	Torque 60–80 lb in. (6.8–9.0 N·m). No cracks are acceptable. Check each chip detector separately.
SAT 504 01	23. Inspect ignition lead for burning, chafing or cracking of conduit. Also, check for loose connectors and/or broken lockwire. Perform operational check of ignitors.	74–20–02, PARA 2. 74–20–01, PARA 2.B.	
SAT 504 01	24. Remove, inspect, clean and reinstall the oil filter.	72–60–00. PARA 1.C.	
po/m	25. Measure and record power turbine support pressure oil nozzle flow from scavenge oil strut. Record and retain flow record. Flow_____ Compare with previous flow. Any large deviation could indicate carbon buildup.	72–50–00, PARA 6.E.	While motoring N_1 to 16–18% the minimum flow is 90cc in 15 seconds.

LW729522

TABLE 603 (cont)

CAE-890807 JAN 0 6 2009

INITIAL	150 HOUR INSPECTION	REFERENCE SECTION	REMARKS
10/14	26. Drain the oil system and refill. Oil changed at: 150 hours: _____ 300 hours: _____ 600 hours: _____	72-00-00, PARA 8.D., Engine-Servicing.	150 hours or 6 months max. time limit. NOTE: With an STC approved external scavenge filter, the oil change interval is 300 hours or 6 months. NOTE: With an STC approved external scavenge oil filter, and using approved high thermal stability (HTS) oil, the oil change interval is 600 hours or 12 months.
SAI 504 DI	27. Service oil filter	72-60-00, PARA 1.C.	If excessive carbon is found in the filter, inspect the scavenge and pressure oil system. Refer to 72-50-00 PARA 6.E., 6.F., 6.G., 6.H., 7.A., and 7.B.
SAI 504 DI	28. Inspect P_c filter for proper clamping and security	73-20-03	
SAI 504 DI	29. Without disassembly or removal of the P_c filter assembly from the mounting bracket, inspect using a 10X magnification and a bright light to detect any signs of cracks, paying particular attention to both of the end fittings at their junction with the end walls. If cracks are detected, remove assembly and comply with 250 CEB-A-75-3017.		Compliance with 250 CEB-A-75-3017 eliminates this inspection requirement.

JAN 0 6 2009

LW725522

TABLE 604

CAE-890807

INITIAL		300 HOUR INSPECTION In addition to the 150 hour inspection items, perform the following:	REFERENCE SECTION	REMARKS
SAL 869 DI	1.	Inspect compressor mount for cracks.	72-00-00, PARA 1.A. (3), Engine-Inspection/Check.3	
SAL 869 DI	2.	Clean power turbine support scavenge oil strut.	72-50-00, PARA 6.G.	
SAL 869 DI	3.	Clean external sump.	72-50-00, PARA 6.G.	
SAL 869 DI	4.	Clean No. 1 bearing oil pressure reducer.	72-30-00, PARA 2.A. (1)	
SAL 869 DI	5.	Clean pressure oil fitting screen assembly.	72-50-00, PARA 6.G.	
		CAUTION: EXTREME CARE SHOULD BE EXERCISED TO PREVENT TWISTING OF OIL NOZZLE DURING REMOVAL. DO NOT ATTEMPT TO STRAIGHTEN OR REUSE IF TWISTED.		
SAL 869 DI	6.	Clean power turbine pressure oil nozzle.	72-50-00, PARA 6.G.	
	7.	Deleted		
SAL 869 DI	8.	Remove, inspect, and reinstall the turbine pressure oil check valve.	72-60-00, PARA 2.K.	NOTE: Check Valve P/N 23074872 and subsequent part numbers are not applicable to this inspection (these valves are considered "ON CONDITION").
N/A wf	9.	Inspect the fourth-stage turbine wheel-to-exhaust collector inner cone clearance.	72-00-00, PARA 1.A. (4), Engine-Inspection/Check.	NOTE: Compliance with 250 CEB 72-3044 eliminates this inspection requirement.

TABLE 604 (cont)

LW725522

CAE-890807 JAN 0 6 2009

INITIAL	300 HOUR INSPECTION	REFERENCE SECTION	REMARKS
SA 503 DI	10. Inspect the rear engine mount for security and excessive bearing wear.	72-00-00, PARA 1.A. (5), Engine-Inspection/Check.	
SA 504 DI	11. Remove, clean inspect and reinstall the P_c filter.	73-20-03 PARA 2. and 3.	If engine performance deteriorates, P_c filter cleaning interval may have to be reduced.
	WARNING: PROPER TIGHTENING OF ENGINE TUBING CONNECTIONS IS CRITICAL TO FLIGHT SAFETY. CORRECT TORQUE VALUES MUST BE USED AT ALL TIMES. EXCESSIVE TORQUE ON PNEUMATIC SENSING SYSTEM CONNECTIONS RESULTS IN CRACKING OF THE FLARE CAUSING AN AIR LEAK WHICH CAN CAUSE FLAMEOUT, POWER LOSS OR OVERSPEED.		
SA 501 DI	12. Inspect N_1 shafting.	72-50-00, PARA 6.A.	NOTE: Compliance with 250 CEB 72-3059, 72-3096, 72-3100, A-72-3134 (twin engine applications), and A-72-3135 (single engine applications) eliminates this inspection requirement.
SA 502 DI	13. On power and accessory gearbox cover, check the applied torque on all turbine and exhaust collector support-to-gearbox retaining nuts.	72-50-00, para 1.B.	Torque must be 120-150 lb in. (14-17 N·m).
SA 504 DI	14. Inspect the thermocouple assembly (TOT/MGT).	77-20-01, PARA 2.B.	

TABLE 605

INITIAL	600 HOUR INSPECTION The following inspection is required every 600 hours time since last inspection.	REFERENCE SECTION	REMARKS
MSB	1. Perform scavenge oil filter impending bypass function check per Facet Service Bulletin No. 090589 (ref. Rolls-Royce CSL 3116) for all aircraft equipped with an external scavenge filter system.		

Allison Model 250-B17, -C20, -C28, -C30 Series
New Original Equipment Engine Warranty and Disclaimer Summary

Allison Gas Turbine Operations (AGTO) of General Motors Corporation* warrants that AGTO will, through an authorized AGTO Model 250 Distributor (Distributor) repair or replace (at AGTO option) any Model 250 series new engine or new engine part sold by AGTO to an aircraft manufacturer for installation in a new aircraft which is returned to a Distributor with transportation charges prepaid to and from Distributor and which has failed or malfunctioned, or at time of delivery, is defective in material or workmanship or not in conformity with the applicable model specification effective at time of delivery to the aircraft manufacturer, subject, however, to each of the following limitations and exclusions:

1. The period of this warranty for each model is limited as follows:

   A. For new engines installed in new aircraft sold by the aircraft manufacturer as new (except for normal aircraft acceptance testing), twelve (12) months after date of delivery from the aircraft manufacturer or one thousand (1000) hours of operation or cycle limitation as defined by the then current revisions of Commercial Service Letter (CSL) No. 1005 (C20), No. T.P. 1016 (B17), No. 1028 (C20B), No. 1073 (C20F), No. 2005 (C28), No. 3005 (C30), whichever period expires first.

   B. For new engines installed in new aircraft sold by the aircraft manufacturer as used (other than for normal aircraft acceptance testing), twelve (12) months after date of commencement of such use by the aircraft manufacturer or one thousand (1000) hours of operation or cycle limitation as defined in the then current revision of CSL No. 1005 (C20), No. T.P. 1016 (B17), No. 1028 (C20B), No. 1073 (C20F), No. 3005 (C28), No. 3005 (C30) whichever period expires first.

   AGTO's obligation to repair or replace (at AGTO option) new engines or new engine parts is further limited as follows (see illustration below):

   (1) If less than 500 hours of operation there will be no charge for parts and labor.

   (2) If more than 500 hours but less than 1000 hours of operation, the amount of warranty credit against the charge for parts and labor will be determined as follows:

   $$\frac{1000 - \text{Hours of Operation}}{500} \times \text{Charge}$$

2. Optional equipment not manufactured by AGTO and not a part of the basic engine assembly such as Engine Air Particle Separator and Auto Re-ignition Controls are excluded from this warranty. The only warranty applicable to these type components are those offered by the manufacturer of the component.

3. A notice in writing of a warranty claim must be given to a Distributor not later than 30 days after the claimed failure, malfunction, defect or non-conformity is discovered and the new engine or new engine part must be returned to Distributor not later than 90 days after such notification is made.

4. This warranty shall not apply to failures, malfunctions, defects or non-conformities of engines or engine parts attributable in whole or in part to the failure to preserve, install, operate, maintain, repair, replace or alter the same in accordance with applicable recommendations by AGTO, or attributable in whole or in part to misuse, neglect, or accident including foreign object damage whether in operation, in transit, or in storage; the replacement of maintenance items made in connection with normal maintenance, labor for removal and re-installation of failed or malfunctioning engines or engine parts; any such engine or engine part which has been repaired by other than an authorized distributor so as in anyway affect adversely the engine or part performance or reliability.

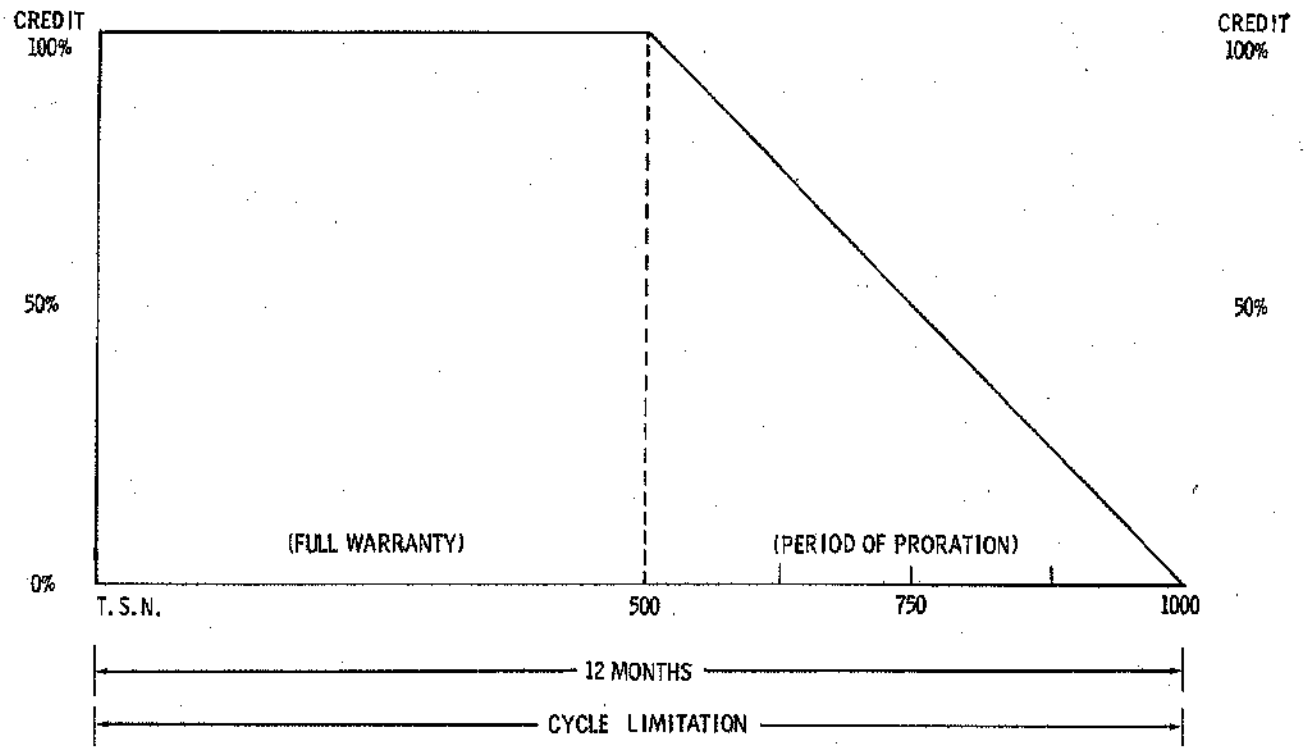
5. THIS WARRANTY IS EXPRESSLY IN LIEU OF ANY OTHER WARRANTIES, EXPRESS OR IMPLIED, INCLUDING ANY IMPLIED WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE, AND OF ANY NON-CONTRACTUAL LIABILITIES INCLUDING PRODUCT LIABILITIES BASED UPON NEGLIGENCE OR STRICT LIABILITY. ANY ADDITIONAL OR DIFFERENT LIABILITIES ASSUMED BY AGTO MUST BE CONTAINED IN A WRITING SIGNED BY AN AUTHORIZED EMPLOYE OF AGTO.

6. The obligations of AGTO under this warranty are limited to repair or replacement (at AGTO option) of engines or engine parts as provided herein and do not include any remedy or liability for incidental or consequential damages of any kind, whether for damage to airframe or other property, for costs or expenses of operation of engines, for commercial losses or lost profits due to loss of use or grounding of engines or aircraft or otherwise.

   In no event, whether as a result of breach of contract or warranty, alleged negligence or otherwise, shall AGTO be liable for special or consequential damages including, but not limited to, loss of profits or revenue, loss of use of the engine or engine parts or other equipment, cost of capital, cost of substitute equipment, facilities or services, downtime costs, or claims of customers of buyer(s) for such damages.

*Outside the United States substitute Allison Gas Turbine Operations (AGTO) of General Motors Overseas Distribution Corp.

Revised August 1, 1983



Allison Model 250-B17, -C20, -C28, -C30 Series
New Spare Engine and New Spare Part Warranty and Disclaimer

Allison Gas Turbine Operations (AGTO) of General Motors Corporation* warrants that AGTO will, through an authorized AGTO Model 250 Distributor (Distributor) repair or replace (at AGTO option) any Model 250 Series new engine or new engine part sold by a Distributor for installation in a certified aircraft which is returned to Distributor with transportation charges prepaid to and from Distributor and which has failed or malfunctioned or, at time of delivery, is defective in material or workmanship or not in conformity with the applicable model specification at time of delivery to the Distributor, subject, however, to each of the following limitations and exclusions:

1. The period of this warranty for each model is limited as follows:

   A. New spare engines which have been preserved in accordance with published AGTO procedures twelve (12) months from date of installation or one thousand (1000) hours of operation or cycle limitation as defined in the then current revision of Commercial Service Letter (CSL) No. 1005 (C20), No. T.P. 1016 (B17), No. 1028 (C20B), No. 1073 (C20F), No. 2005 (C28), No. 3005 (C30) whichever period expires first if installed within three (3) months after date of shipment from a Distributor. Installations occurring after more than three (3) months from date of shipment from a Distributor will be fifteen (15) months from date of shipment or one thousand (1000) hours of operation or cycle limitation as defined in the then current revisions to CSL No. 1005 (C20), No. T.P. 1016 (B17), No. 1028 (C20B), No. 1073 (C20F), No. 2005 (C28), No. 3005 (C30) whichever period expires first.

AGTO's obligation to repair or replace (at AGTO option) new spare engines or new spare parts is further limited as follows (see illustration below):

   (1) If less than 500 hours of operation there will be no charge for parts and labor.

   (2) If more than 500 hours but less than 1000 hours of operation, the amount of warranty credit against the charge for parts and labor will be determined as follows:

$$\frac{1000 - \text{Hours of Operation}}{500} \times \text{Charge}$$

   B. New Spare Engine Parts installed during the course of an overhaul or repair of an engine or engine part carry the warranty period applicable to the engine model, however, reimbursement for labor and parts required to disassemble, assemble, and test the major unit in which the failed new part is installed will not be allowed. Labor and parts required to repair only the failed new part is allowed.

2. Optional equipment not manufactured by AGTO and not a part of the basic engine assembly such as Engine Air Particle Separator and Auto Re-ignition Controls are excluded from this warranty. The only warranty applicable to these type components are those offered by the manufacturer of the component.

3. A notice in writing of a warranty claim must be given to a Distributor not later than 30 days after the claimed failure, malfunction, defect or non-conformity is discovered and the new engine or new engine part must be returned to Distributor not later than 90 days after such notification is made.

4. This warranty shall not apply to failures, malfunctions, defects or non-conformities of engines or engine parts attributable in whole or in part to the failure to preserve, install, operate, maintain, repair, replace or alter the same in accordance with applicable recommendations by AGTO or attributable in whole or in part to misuse, neglect, or accident including foreign object damage whether in operation, in transit, or in storage; the replacement of maintenance items made in connection with normal maintenance, labor for removal and re-installation of failed or malfunctioning engine or engine parts; any such engine or engine part which have been repaired by other than an authorized distributor so as in anyway affect adversely the engine or part performance or reliability.

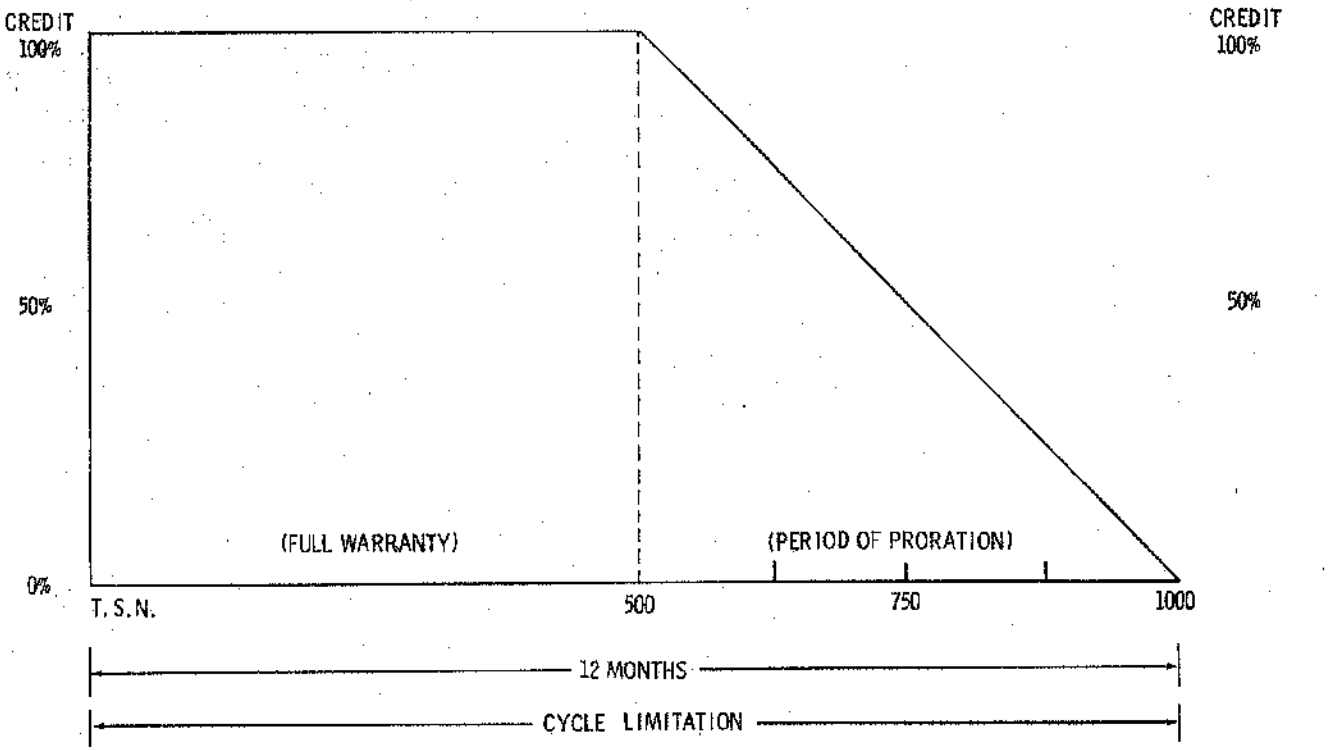
5. THIS WARRANTY IS EXPRESSLY IN LIEU OF ANY OTHER WARRANTIES, EXPRESS OR IMPLIED, INCLUDING ANY IMPLIED WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE, AND OF ANY NON-CONTRACTUAL LIABILITIES INCLUDING PRODUCT LIABILITIES BASED UPON NEGLIGENCE OR STRICT LIABILITY. ANY ADDITIONAL OR DIFFERENT LIABILITIES ASSUMED BY AGTO MUST BE CONTAINED IN A WRITING SIGNED BY AN AUTHORIZED EMPLOYE OF AGTO.

6. The obligations of AGTO under this warranty are limited to the repair or replacement (at AGTO option) of engines or engine parts as provided herein and do not include any remedy or liability for incidental or consequential damages of any kind, whether for damage to airframe or other property, for costs or expenses of operation of engines, for commercial losses or lost profits due to loss of use or grounding of engines or aircraft or otherwise.

   In no event, whether as a result of breach of contract or warranty, alleged negligence or otherwise, shall AGTO be liable for special or consequential damages including, but not limited to, loss of profits or revenue, loss of use of engine or engine parts or other equipment, cost of capital, cost of substitute equipment, facilities or services, downtime costs, or claims of customers of buyer(s) for such damages.

*Outside the United States substitute Allison Gas Turbine Operations (AGTO) of General Motors Overseas Distribution Corporation.

Revised August 1, 1983



CERTIFICATE OF CONFORMANCE

Allison Gas Turbine Operations certifies that the 250 Series Turboshaft Engine shipped herewith was manufactured in accordance with all applicable specifications, drawings and procedures. This certificate shall be of no force or effect upon expiration of the warranty provision applicable to this purchase order.

Engine Serial No. CAE-890807

Purchase Order No. _____

Quality Assurance Department

February 29, 1984
Date

GT 9538
(9-38)

To: Our New Customer

From: Allison Gas Turbine Operations
General Motors Corporation

As the owner of a new Model 250 gas turbine engine, we want to take this opportunity to welcome you and acquaint you with services available for support of the engine.

We have established a worldwide network of Distributors to provide access to technical assistance, technical representatives, training, service and maintenance information, parts, engine inspection, engine repair, and engine overhaul. In addition, Distributors offer engine and engine module exchange programs, plus engine and engine module rental services, which provide backup support while your engine is under warranty and when it expires.

The companies selected to serve these functions are established businesses; recognized for their expertise in the gas turbine industry. For your convenience, we are listing these companies on the back of this page.

Some of these Distributors have established Service Centers within their distributorship areas, who provide facilities for even closer support.

We're sure the equipment manufacturer has advised you which Distributor has been appointed to serve the area where you'll be operating. We suggest you contact him soon to establish your lines of communications. Remember, wherever you are, there is a 250 Distributor or Service Center to help you.

August, 1983

DISTRIBUTOR	CITY, STATE, COUNTRY	PHONE
Aeromaritime, Inc.	Washington, D. C. Valetta, Malta	(703) 471-5785 871778, 871779
Airwork Service Division	Millville, New Jersey	(609) 825-6000
Astra Aircraft Corporation (Pty.) Ltd.	Johannesburg, South Africa	(11) 39-2661
Aviall, Inc.	Dallas, Texas	(214) 357-1811
Elicotteri Meridionali	Frosinone, Italy	(0775) 82801
Hants & Sussex Aviation, Ltd.	Portsmouth, England	668316
Hawker Pacific Pty, Ltd.	Sydney, Australia	708 8555
National Airmotive Corporation	Oakland, California	(415) 635-1500
Standard Aero, Ltd.	Winnipeg, Canada	(204) 775-9711

January 1, 1978
Revised August, 1983

FORM 9825(7-80)

INSTRUCTIONS

1. The pages in this engine log book are color coded as follows:

   White - Engine Assembly
   Blue - Compressor Assembly
   Canary - Gearbox Assembly
   Cherry - Turbine Assembly
   Green - Propeller Reduction Gearbox Assembly (Turbo Prop Engines only).
   Orange - Individual TBO Extension Records

2. Keep the pages that have entries upon them in the front of the book in the order mentioned above. Keep the spare blank pages in the back of the book behind the engine test log envelope.

3. As new pages are added number them in numerical order.

4. There is no Part V for the Gearbox Assembly

IMPORTANT

5. All records must stay with a given assembly as follows:

   a. When an engine assembly is transferred to any activity for overhaul, repair, warranty claim, etc., the entire log book must accompany the engine assembly.

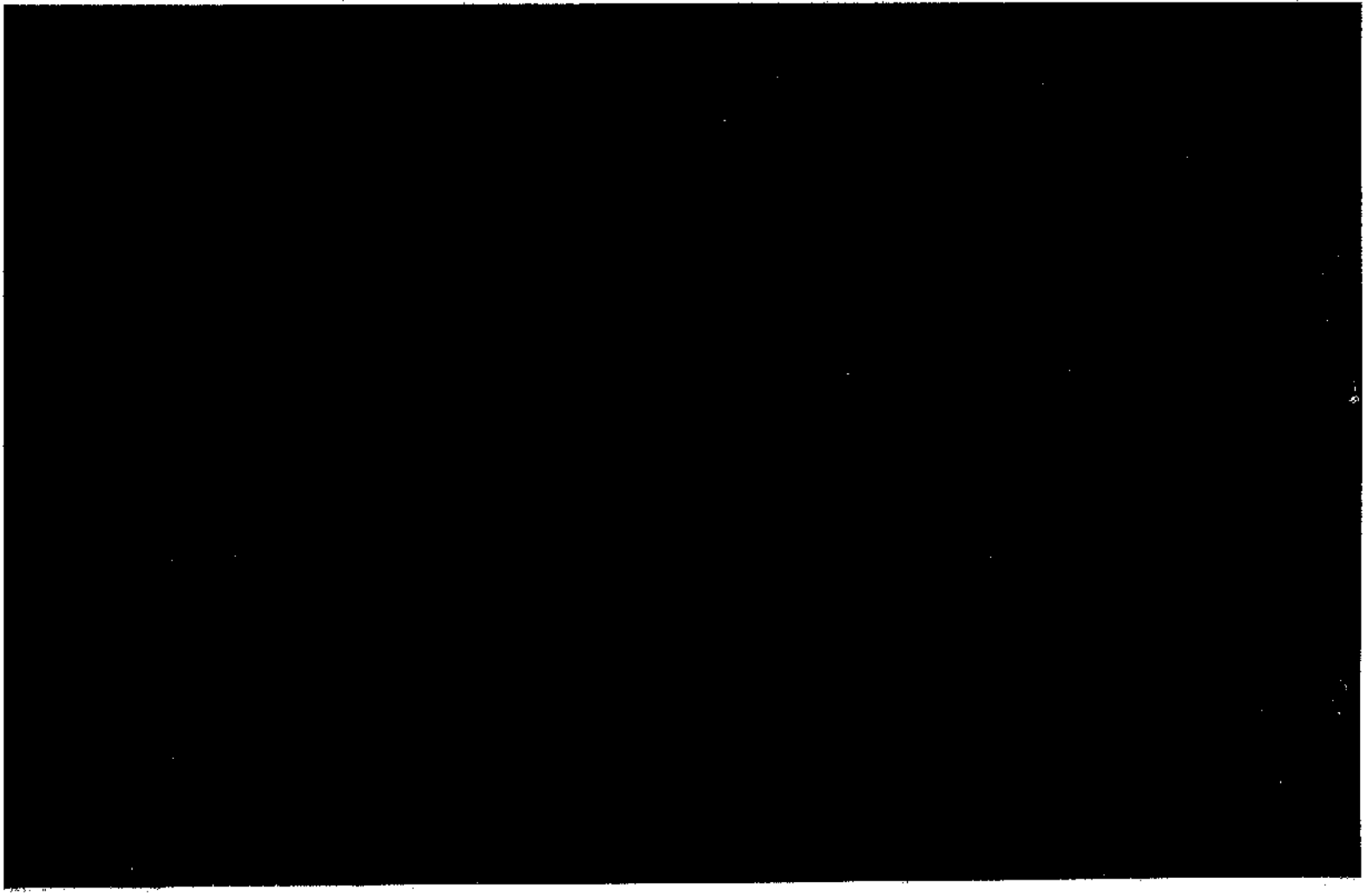
   b. When a compressor assembly, gearbox assembly, or turbine assembly is transferred to another activity for overhaul, repair, warranty claim, etc., all pages for that assembly that have entries upon them must be removed from the log book and accompany that assembly to its destination.

   c. The replacement assembly received will be accompanied by its own log book data. (A complete log book will accompany each engine assembly; appropriate log book pages will accompany each replacement compressor, gearbox, or turbine assembly shipped from Detroit Diesel Allison.)

   d. The applicable TBO extension page (orange) must always accompany the unit being returned for overhaul at the end of its extension period.

6. Make all log book entries promptly.

7. Additional log book pages can be ordered from your authorized Detroit Diesel Allison distributor.



HAWKER DE HAVILLAND AUSTRALIA PTY LTD

OVERHAUL WARRANTY

This Allison 250 engine has been serviced by Hawker de Havilland Australia Pty Ltd. The engine is now covered by the following warranty:-

1. Hawker de Havilland Australia Pty Ltd warrants each Allison 250 engine, which has been overhauled by Hawker de Havilland to be free from defects in workmanship and method of overhaul except for any defects attributable to the failure to preserve, install, operate, maintain, repair or alter the same in accordance with the applicable recommendations and approval of Allison, or which failure has been found to be attributable to misuse, neglect, or accident including foreign object damage whether in operation in transit or in storage.

2. In the event that this Allison 250 engine, overhauled by Hawker de Havilland is returned to Hawker de Havilland's New South Wales facility with transportation charges prepaid, and upon examination is found by Hawker de Havilland to be defective in workmanship or method of overhaul, Hawker de Havilland's obligation under this warranty shall extend to repairing at its factory any such defective engine, component or accessory.

3. The period of this overhaul warranty extends to the DDA recommended TBO of the engine or component. All new parts installed during overhaul are covered by Allison's own new parts warranty.

4. This warranty is the only warranty applicable to Allison 250 Engines overhauled by Hawker de Havilland and is in lieu of all other warranties express or implied, including any implied warranty of merchantability or fitness for particular purpose, and of all other obligations and liabilities either direct or consequential on the part of Hawker de Havilland relating to said engines. Hawker de Havilland neither assumes nor authorizes any person to assume for it any other liabilities in connection with its product except as expressed in any agreement hereafter entered into by Hawker de Havilland.

21st July 1977

WARRANTY AND TEST CERTIFICATE

HAWKER DE HAVILLAND AUSTRALIA PTY LIMITED

TEST CERTIFICATE

Engine Serial No. CAE 890807. **Allison Type 250 –** HDH Job No. CE2840

The following corrected results are extracts from the Hawker de Havilland Australia Pty Limited engine test report for the above engine after completion of satisfactory test on 21,6,89 (Date).

POWER SETTING	CRUISE C	CRUISE B	CRUISE A	NORMAL CRUISE	TAKE-OFF	2½ MINUTE POWER
SHAFTHORSEPOWER	334	418	501	557	650	700
SPECIFIC FUEL CONSUMPTION, lb/SHP/hr	0.731	0.667	0.629	0.609	0.588	0.581
MAXIMUM ALLOWED	0.719	0.665	0.624	0.607	0.592	0.588
% VARIATION	+1.7	+0.3	+0.8	+0.3	−0.7	−1.2
TURBINE OUTLET TEMPERATURE, °C	\	\	\	683	725	752
SHAFTHORSEPOWER	\	\	\	570	655	700
MINIMUM ALLOWED	\	\	\	557	650	700
% VARIATION	\	\	\	+2.3	+0.8	0.0

This engine produces rated Take-off power at 99.5 % N1 speed with 752 °C Turbine Outlet Temperature.
Torquemeter constant for rated Take-off of 650 SHP is 92.5 PSI.

Signed [signature] Date 21,6,89

GT 2782A-1 (9-83)

SERVICE RECORD
ENGINE ASSEMBLY

Part I
Page No. 1

Engine Serial Number CAE- 890807   Engine Model 250- C30S

INSTALLED					REMOVED			
Date	Owner	A/C or Eng. S/N	Engine Time Since OH (A/F Time / Eng. Time)	Engine Time Total (A/F Time / Eng. Time)	Date	Engine Time Since OH (A/F Time / Eng. Time)	Engine Time Total (A/F Time / Eng. Time)	Reason
5-16-84	Air Logistics	760238	NEW	0.0	8OCT84	New.	606.9	TO INSTALL ON N-177CH
9OCT84	Air Logs	N-177CH 760166	NEW	606.9	12-12-84	—	687:25	S/WTHO-2435W-NJB-8
			—	687:25	12-22-84	—	687:25	S/W #084-24-54
12-23-84		890807	—	687:25	4/30/85		~~687.25~~ 890.2	890.2 UPDATE
6-28-85	CHI	N177CH	NEW	890.2	19 MAR 89		1503.3	TURBINE e/H + Comp Co
			NEW	1503.3				Engine Log
11 JULY 89	HELI RESOURCES	VH-XHB 760104		1503.3	14 Sept 96		3360.3	191.8 Log
	log correction		up to	Install	date as	per log book		
30 Aug 01 AIG 19541.3	Hel. Jet.	CGHJU	~~7286.6~~	7286.6	A/F 20130.8 05SEP02	—	7875.7	CONVENIENCE
C&N 13383 #2 08MAY03	A/F 6015.8 CHL	CGIMW	—	7875.7	A/F 6360.8 03SEP03	C&N	143 01 8220.7	NOT MISSING ON INSP COMPR SCROLL ELBOW
C&N 14301 08NOV03	A/F 9902.7 #1 CHL CGIMA	760018	N/A	8220.7	A/F 10497.7 05MAY05	N/P	CSN 15155 8815.7	TRANSFERRED TO CGIMR #1
CSN 15755 12MAY05	A/F 11718.3 #1 CHL CGIMR	760079	N/P	8815.7	A/F 12280.6 10DEC05	N/P	CSN 19114 9378.0	1ST & 2ND STG WHEELS CYCLED OUT

GT 2782A-1 (9-83)

TRANSFER RECORD

Part II
Page No. 1

Engine Serial Number CAE- 890807 Engine Model 250- C30S

SHIPPED					RECEIVED	
			Engine Time			
Date	From	To	Since OH	Total	Date	By
2-29-84	AGT-GMC SIKORSKY AIRCRAFT		NEW	0.0	3-10-84	Sikorsky Aircraf
5-30-84	Sikorsky Acft.	Air Logistics	NEW	1.7		
			NEW	890.2	02MAY85	AVIALL
15JUNE85	AVIALL	HOUSTON HELI	NEW	890.2		
24 Oct 89	ATS-	Heli Res.	NEW	1503.2		

SERVICE RECORD
ENGINE ASSEMBLY

F-2782A (5/95) (F)

Part I
Page No. 2

Engine Serial Number CAE- 890807$ Engine Model 250- C30 S

	INSTALLED				REMOVED			
	Date	A/C S/N Reg. #	Engine Time Since OH	Engine Time Total	Date	Engine Time Since OH	Engine Time Total	Reason
#1	AIF 11429.7 17 FEB 06 Feb 9/06	760111 CGEMB	NEW	CSN 17114 9378.0	AIF 11548.2 05MAY06	NEW	CSN 17363 9496.5	REM'D TO SERVICE CGIMW #2 POSITION
#2	AF 8162.1 05MAY06	760112 CGIMW	NOW	CSN 17363 9496.5	05 JUL 07	NEW	CSN 19155 10198.5	MAKING METAL
	14 NOV 2007	760005 C-GIMV	NEW	10198.5	07 NOV 2008	NEW ~~533.6~~ RP	10732.3	SHORTLY AFTER SHUT DOWN ON BOTH
	26 JAN 09	FABH	NEW	10732.3	21 APR 09	NEW	10868.5	LOW OIL PRESSURE and Fluctuating
	12 JUN 09	760055 C-GIMY	NEW	10868.5	10 Oct 2009	NEW	10964.3	DUE TO OIL PRESSURE FLUCTUATIONS AT IDLE
	13 APR 2010	$760WW C-GIHM	NEW	10964.3	17 MAY 2012	~~428.0~~	11392.3	TO SERVICE OTHER A/C
	10 AUG 2012	760271 C-FABH	428.0	11392.3	20 MAY 2014	725.0	11689.3	TIMEX

Allison

TRANSFER RECORD

F-2782A (5-95) (B)

Part II
Page No. 2

Engine Serial Number CAE-890807 Engine Model 250-C30S

TRANSFERRED / SHIPPED					RECEIVED	
Date	From	To	Engine Time		Date	Organization
			Since OH	Total		
Feb 13/06	SAL	CHL	New	9378.0		

GT 2783A-1 (9-83)

MODIFICATION RECORD
ENGINE ASSEMBLY

Engine Serial Number CAE- 890807 Engine Model 250- C30S

Compliance Date	Bulletin or Directive No.	Title	Signature	Organization
12-14-84	TRO-2435W-NJB-84	N' Shafting Inspection	Rockwell	PTE w/o 844525-8
12-23-84	AD-84-24-54	Install new style N' coupling	Foreman	PTE 844525-8
12-23-84	CSL-A-3062	Inspect Comp Rotor and spline adapter	Foreman	PTE 844525-8
12-23-84	CSL-A-3066	N' shaft Inspection	Foreman	PTE 844525-8
15JUNE85	CSL-A-3066		A.D. Davis	AVIALL
15JUNE85	CSL-A-3068	AD 84-24-02	A.D. Davis	AVIALL
29MAR88	CEB 73-3021	AD 82-24-05	Robert Herbert	PCW
21 JUNE 89	106 AD/ENG.5	TIME BETWEEN O/HAULS OF	Ebert	
"	CEB-72-3160	OIL CHECK VALVE CLAMPING SPACER	Ebert	
"	CEB-A-73-3012 R3 106/AD/ALL 050 46.1	PC GOVERNOR INSPECTION DRIVE SHAFT (PART II)	Ebert	
"	CEB-A-73-3014	FUEL TUBE ASSY: 1 TIME INSPECTION OF.	Ebert	
"	CEB 72 3138	OIL SUPPLY LINE: CHECK VALVE ADD.	Ebert	
"	CEB-A-73-3032 R1	PC SCROLL + PC FILTER TUBE ASSY INSPECTION	Ebert	

GT 2783A-1 (9-83)

MODIFICATION RECORD
ENGINE ASSEMBLY

Engine Serial Number CAE- 890807 Engine Model 250- C30S

Compliance Date	Bulletin or Directive No.	Title	Signature	Organization
21 Jun 89	CEB-75-3017	IMPROVED STRENGTH PC FILTER HSG.		
10 NOV 93	CEB-A-73-3065 R1	FUEL CONTROL BYPASS VALVE INSP		Jeff Gray Tech Records Clerk Lloyd Helicopters P/L
6 June 95	CEB 72-3202	Engine Insp. for Proper clamping		
~~EBRUARY~~	~~CEB-A-73-3075 R1~~	~~Fuel Control, Bypass Cover Seam Inspection~~		For & on behalf of Helicopter Resources Pty. Ltd.
31 MAR 03	CEB-A-73-3075 R2	Fuel Control Bypass Cover Screw Inspection		SAL-AMO-22-58
31 MAR 03	CEB 72-3202	Inspect For Proper Clamping		SAL-AMO-22-58
2 Oct 2003	CEB-A-73-3032 R3	Scroll to PC Filter Tube - Inspect	SAL 501 Q.I.	SAL-AMO-22-58
Feb 9/06	CSL-A-3062 r6	Inspect Compressor Rotor Splined Adapter	SAL 303 QI	SAL-AMO-22-58
Feb 9/06	CSL-A-3066 r5	N1 shafting Inspections	SAL 303 QI	SAL-AMO-22-58
Feb 9/06	CEB 72-3245 r1	New Engine Rear Mount Assy.	SAL 303 QI	SAL-AMO-22-58
Feb 9/06	CEB 72-3250 r1	Increased thickness Compressor Scroll	SAL 303 QI	SAL-AMO-22-58
Feb 9/06	CEB-A-73-3075 r1	Engine, FCU By-Pass Cover Screw Inspect	SAL 303 QI	SAL-AMO-22-58
Feb 9/06	CEB-A-73-3032 r3	Scroll to PC Filter Tube-Inspect	SAL 303 QI	SAL-AMO-22-58

Ad Note Compliance and Ceb Modification Record Engine Assembly

Rolls-Royce

Part III
Page No. 3

Engine Serial Number CAE-890807 Engine Model 250-C30S

AD #	Applicable CEB #	Date / Hours @ Comp.	Method of Compliance	One Time	Recurring	Next Comp. Date / Next Comp. @ Hrs	Signature and Certificate Number
	CEB A-73-3075R1	19 OCT. 07 / 10198.5	FOU BY PASS COVER SCREEN INSPECTION		X		SAL 661 QI SAL-AMO-22-58
	CEB A-73-3032R3	19 OCT. 07 / 10198.5	SCROLL TO PC FILTER TUBE-INSPECT		X		SAL 661 QI SAL-AMO-22-58
	CEB 72-3271	19 OCT. 07 / 10198.5	RELEASE NEW CENTRIFUGAL BREATHER GEARSHAFT	X		N/A	SAL 661 QI SAL-AMO-22-58
		19 OCT. 07 / 10198.5	**The following were found embodied:** AD 85-25-07R1, CEB 72-3067R2, 72-3110, 72-3227R2, 72-3228R1, 73-3084R1, 75-3003R1, 75-3012R1, 75-3013R1, 75-3015, A-72-3115R4, A-72-3136R1, A-72-3098R6, A-72-3217R4, A-73-3118R1 & A-75-3021.				SAL-AMO-22-58 SAL 661 QI
	SIL-A-3062R6	24 DEC. 08 / 10732.3	INSP. COMP. ROTOR SPLINED ADAPTER		X		SAL 661 QI SAL-AMO-22-58
	CEB-A 73-3075R1	24 DEC. 08 / 10732.3	FOU BY PASS COVER SCREEN INSPECTION		X		SAL 661 QI SAL-AMO-22-58
	CEB-A 72-3252R5	24 DEC. 08 / 10732.3	REPLACE 1ST NOZZLE SHIELD (P/N 23084380 INSTALLED)	X			SAL 661 QI SAL-AMO-22-58
	CEB-A 73-3032R3	24 DEC. 08 / 10732.3	SCROLL TO PC FILTER TUBE-INSPECT		X		SAL 661 QI SAL-AMO-22-58

Ad Note Compliance
and
Ceb Modification Record
Engine Assembly

Rolls-Royce

Part III
Page No. 4

Engine Serial Number CAE- 890807 Engine Model 250- C30S

AD #	Applicable CEB #	Date / Hours @ Comp.	Method of Compliance	One Time	Recurring	Next Comp. Date / Next Comp. @ Hrs	Signature and Certificate Number
		24 DEC. 08 10732.3	**The following were found embodied:** AD 84-24-54R2, AD 86-20-13R0, CEB 72-3219R2, 73-3106R1, 75-3006R5, 75-3020R0, A-73-3058R2, A-73-3102R3 & A-75-3017R2.				SAL 661 QI SAL-AMO-22-5
	CEB-A 73-3075R1	5 JUN 09 10868.5	FCU BY PASS COVER SCREW INSPECTION		X		SAL 661 QI SAL-AMO-22-4
	CEB-A 73-3032R3	5 JUN 09 10868.5	SCROLL TO PC FILTER TUBE-INSPECT		X		SAL 661 QI SAL-AMO-22-
		5 JUN 09 10868.5	**The following were found embodied:** AD 82-24-05R0, AD 84-24-54R2, AD 85-25-07R1, AD 86-20-13R0, CEB 72-3067R2, 72-3138R0, 72-3160R0, 72-3202R0, 72-3219R2, 72-3227R2, 72-3228R1, 72-3245R1, 72-3250R1, 73-3106R1, 75-3003R1, 75-3006R5, 75-3013R1, 75-3020R0, A-72-3115R4, A-72-3136R1, A-72-3217R4, A-72-3252R6, A-73-3058R2, A-73-3102R3 & A-75-3017R2.				SAL 661 QI SAL-AMO-22-4
	CEB-A 73-3032R3	13 JAN. 10 10964.3	SCROLL TO PC FILTER TUBE-INSPECT		X		SAL 661 QI SAL-AMO-22-5

Ad Note Compliance
and
Ceb Modification Record
Engine Assembly

Rolls-Roy

Part III
Page No. 5

Engine Serial Number CAE- 890807 Engine Model 250- C30S

AD #	Applicable CEB #	Date / Hours @ Comp.	Method of Compliance	One Time	Recurring	Next Comp. Date / Next Comp. @ Hrs	Signature and Certificate Number
		13 JAN 10 / 10964.3	**The following were found embodied:** AD 82-24-05R0, AD 84-24-54R2, AD 85-25-07R1, AD 85-25-08R0, AD 86-20-13R0, CSL 3072R0, CEB 72-3067R2, 72-3110R0, 72-3138R0, 72-3160R0, 72-3202R0, 72-3219R2, 72-3227R2, 72-3228R1, 72-3245R1, 72-3250R1, 73-3106R1, 75-3003R1, 75-3012R1, 75-3013R1, 75-3015R0, 75-3020R0, A-72-3115R4, A-73-3075R1, A-72-3136R1, A-72-3217R4, A-72-3252R6, A-73-3021R0, A-73-3058R2, A-73-3102R3, A-73-3118R1 & A-75-3017R2.				SAL 661 QI SAL-AMO-22

GT 3701D (12/08)

INSPECTION — MAINTENANCE — OVERHAUL RECORD

GT 2784A-1 (9-83)

ENGINE ASSEMBLY

Engine Serial Number CAE- 890807 Engine Model 250- C30S

Date	Engine Time Since OH	Engine Time Total	Remarks	Signature	Organization
2-29-84	NEW	0.0	FUEL SYSTEM PRESERVED WITH MIL-O-6081 OIL		
5-17-84	NEW	0.0	Engine De-Preserved i/a/w 250-C30 Maintenance Manual.		AGT-GMC
12-19-84	—	687:25	c/w T40-2435W-NJB-84		SIKORSKY AIRCRAFT QUALITY ASSURANCE
12-23-84	—	687:25	C/W BO-84-24-54 & CSL-A-3062 & CSL-A-3066		PHC No 844525-99 DNI ~~844525-99~~ DNI 844525-99
15JUNE85	NEW	890.2 CSN 1093	ENGINE UPDATED AND TESTED - COMPLIED WITH CSL-A-3066. This engine conforms to the CSL-3068 standard at time of assembly and test. It is the operator's responsibility to assure this engine continues to conform to the CSL-3068 configuration. Details on file under W/O FR8847.		AVIALL

INSPECTION — MAINTENANCE — OVERHAUL RECORD

ENGINE ASSEMBLY

T 2784A-1 (9-83)

ngine Serial Number CAE- 890807 Engine Model 250- C30S

Date	Engine Time Since OH	Engine Time Total	Remarks	Signature	Organization
*APR		913.6	AIRCRAFT C of A INSPECTION		
	TOTAL CYCLES	~~1134~~ 1133	CARRIED OUT, 100 HR + ZONE		
			ONE INSPECTION CARRIED OUT.	[signature] 17798	HELI RES
*MAR 89		1503.2	ENGINE REMOVED FOR TURBINE		
			OVERHAUL AND COMPRESSOR REPAIR		
			TOTAL ENGINE HOURS 1503.2		
			TOTAL CYCLES 2140 CYCLES.	[signature] 17798	HELI RES
1/4/89.	N/A	1503.3	REPAIRED + TESTED IN ACCORDANCE		
			WITH ALLISON OPERATION + MAINT.		
			MANUAL ON JOB # CEZ 840		
JULY 89		1503.3	FLOWN TO VH-XHB TOTAL CYC 2140 CYC.	[signature] 17798	HELI RESOURCES
			A/C TOTAL TIME 12509.0		

INSPECTION—MAINTENANCE—OVERHAUL RECORD
ENGINE ASSEMBLY

2784A(11-77)

Engine Serial Number CAE-890807 Engine Model C30S

Date	Engine Time Since OH	Engine Time Total	Remarks	Signature	Organization
31 MAR 09	N/P	7875.7			
	CSO-N/P	CSN-13383			

STANDARD AERO
www.standardaero.com

33 Allen Dyne Road
Winnipeg, Manitoba
Canada R3H 1A1
Phone: 204-788-2693

ENGINE CAE-89087 HAS BEEN REPAIRED, FOR LOW POWER,(INSTALLED REPAIRED COMPRESSOR CAC-90156 LW443474, GEARBOX CAG-90514 LW443472, TURBINE CAT-90157 LW422765 AND FUEL CONTROL 324259 LW382289.) , AND TESTED IN ACCORDANCE WITH THE 14W3 2ND EDITION 8TH REVISION DATED 1/NOV/01 AND THE CURRENT MAINTENANCE RULES OF THE CANADIAN AVIATION REGULATIONS ALL PERTINENT DETAILS OF THE WORK PERFORMED ARE ON FILE AT THIS ORGANIZATION UNDER WORK ORDER # LW382294.
TSO-N/P, TSN-7875.7, CSO-N/P, CSN-13383.
PO 512504

S.A.L. 610 Q.I.

SAL-AMO-22-58

INSPECTION — MAINTENANCE — OVERHAUL RECORD
ENGINE ASSEMBLY

2/84A(11-77)

Engine Serial Number CAE-890807 Engine Model C30S

Date	Engine Time Since OH	Engine Time Total	Remarks	Signature	Organization
ct 7 2003	N/P	8220.7	STANDARD AERO www.standardaero.com 33 Allen Dyne Road Winnipeg, Manitoba Canada R3H 1A1 Phone: 204-788-2693		
	CSO: N/P	CSN: 14310	Engine has been repaired (Compressor exchanged, Gearbox serviceability inspection, Turbine Serviceability inspection) and tested in accordance with Rolls-Royce Model 250-C30 Overhaul Manual 14W3 2nd Ed., 8th Rev., dated November 1, 2001 and the current maintenance rules of the Canadian Aviation Regulations. The engine tested serviceable and is approved for return to service in accordance with CAR 571, FAR Part 43.17 and JAR 145 (Reference JAA Acceptance Certificate No. JAA.7059). All mandatory modifications and Airworthiness Directives were complied with. All pertinent details of the work performed are on file at this organization under Work Order No. LW466714. P.O. 515001		SAL-AMO-22-58 S.A.L. 501 Q.I. DIANE ZORNIAK
2 MAY 2005	N/P	8815.7	2000 HR ENG INSP C/O IAW INSP.	PROGRAM	165-93-046
	CSO N/P	CSN 15755	PO 820 W - LOG PAGE M-006266	M. Bence	for D. Hartzenberg

Inspection - Maintenance - Overhaul Record
Engine Assembly

Rolls-Royc

Part IV
Page No. 5

Engine Serial Number CAE- 890807 Engine Model 250- C30S

Date	Engine Time		Remarks	Signature and Certificate No.	Organizatio
	Since OH	Total			
Feb13/06	New	9378.0	STANDARD AERO www.standardaero.com 33 Allen Dyne Road Winnipeg, Manitoba Canada R3H 1A1 Phone: 204-788-2693		
	CSO: N/prev	CSN: 17114			
			Engine (received less & shipped less N2 Overspeed,) has been repaired for low power, replace time expired wheels, gearbox has had an external, visual inspection for serviceability and tested In accordance with Rolls Royce 250-C30 Overhaul Manual 14W3, 2nd Ed 11th Rev., dated April 1, 2005, Operation & Maintenance Manual 14W2, 6th ed., 11th rev dated 15/11/04. Combustion section has been NDT'd. The 150, 300, 2000 Hour Inspections have been complied with (engine only) as indicated in the supplied sheets in accordance with Rolls-Royce 250-C30 Op. & Maint Manual. The following major parts were replaced: combustion liner, igniter, impeller, scroll, spline adapter, spur adapter gearshaft, bearings, all 4 turbine wheels, 1st & 2nd stage nozzles, exhaust collector, 1st nozzle shield. The engine tested serviceable and is approved for return to service. All pertinent details of the work performed are on file at this organization under work order LW592611.		SAL 303 QI
			Note: Memo CHL-412 (installation of fixed vibration analysis brackets) has been carried out on this engine.		SAL-AMO-22-08
			OR CHL P0519399 ltr DOR Barry Hoskuth 165-93-192	LORNA RICHARD	

GT-2784A (12/98)

Inspection - Maintenance - Overhaul Record
Engine Assembly

Rolls-Roy

Part IV
Page No. 6

Engine Serial Number CAE- 890807 Engine Model 250- C30

Date	Engine Time		Remarks	Signature and Certificate No.	Organizatic
	Since OH	Total			
17FEB04	NOW	9318	2000.0 HR. ENG INSP C/W 100	W. Berner for Barry Hasker	
	GGO: N/P	CSN: 7114	CMU & I.P. P0820W-NFTT 11429.7	LOG M-152219	165-93-17-
19OCT.07	NEW	10198.5			
	GGO: NEW	CSN: 19155			
					SAL 661 QI
					SAL-AMO-22-58
					Rebecca Perrault
					REBECCA PERRAULT

STANDARD AERO
www.standardaero.com

33 Allen Dyne Road
Winnipeg, Manitoba
Canada R3H 1A1
Phone: 204-788-2693

Engine Assembly p/n 23005290 s/n CAE890807 complete with (2) vibration brackets (less N2 Overspeed Control, Fuel Hose & Starter Counter) has been repaired for making metal (OCC, Combustion Liner & Discharge Tubes were NDT inspected; OCC & Discharge Tubes were pressure tested) (Compressor Assy s/n CAC90639 installed) (Gearbox Assy s/n CAG90514 installed) (Turbine Assy s/n CAT90189 installed) and tested using ACES equipment in accordance with Rolls Royce 250-C30 Overhaul Manual 14W3 2nd Ed. 13th Rev. Dated 01/04/07. **150 & 300 hr inspections have been complied with (engine only) as indicated in the supplied checklist law 14W2 6th Ed. 13th Rev. Dated 15/11/06.** The following major parts were replaced: OCC, Combustion Liner, Governor & Lube Oil Check Valve. **The product is released serviceable for return to service, on a time continued basis.** All pertinent details of work performed are on file at this organization under Work Order LW656888.

Inspection - Maintenance - Overhaul Record
Engine Assembly

Rolls-Royc

Part IV
Page No. 7

Engine Serial Number CAE- 890807 Engine Model 250- C30S

Date	Engine Time		Remarks	Signature and Certificate No.	Organizatio
	Since OH	Total			
24 DEC. 08	NEW	10732.3			
	CSO: NEW	CSN: 20328			

StandardAero
www.standardaero.com

33 Allen Dyne Road
Winnipeg, Manitoba
Canada R3H 1A1
Phone: 204-788-2693

Engine Assembly p/n 23005290 s/n CAE-890807 complete with (2) vibration brackets (less N2 Overspeed Control, Fuel Hose & Start Counter) has been repaired for Smoking on Shutdown (OCC & Discharge Tubes were NDT inspected & pressure tested; a new combustion liner was installed) (Compressor Assy s/n CAC-90228 installed) (Gearbox Assy s/n CAG-90514 installed) (Turbine Assy s/n CAT-90189 installed) and tested less Fuel Nozzle (150 hr vibration test completed) in accordance with Rolls Royce 250-C30 Overhaul Manual 14W3 2nd Ed. 14th Rev. Dated 01/04/08. **150 & 300 hr inspections have been complied with (engine only) as indicated in supplied checklist iaw Maintenance Manual 14W2 6th Ed. 14th Rev. Dated 15/11/07.** The following major parts were replaced: Combustion Liner, (2) Spark Igniters & (6) Tube Assy's. **The product is released as repaired, on a time continued basis, subject to a successful check run and power assurance check in the airframe.** All pertinent details of work performed are on file at this organization under Work Order LW725522.

SAL 681

SAL-AMO-22-59

Rebecca Perrault

REBECCA PERRAULT

Inspection - Maintenance - Overhaul Record
Engine Assembly

Rolls-Roy

Part IV
Page No. 8

Engine Serial Number CAE- 890807 Engine Model 250- C30S

Date	Engine Time		Remarks	Signature and Certificate No.	Organizati
	Since OH	Total			
5 JUN 09	NEW	10868.5			
	CSO: NEW	CSN: 20719			

StandardAero
www.standardaero.com
33 Allen Dyne Road
Winnipeg, Manitoba
Canada R3H 1A1
Phone: 204-788-2693

Engine Assembly p/n 2305290 s/n CAE-890807 complete with (2) vibration brackets (less N2 Overspeed Control, Fuel Hose & Start Counter) has been repaired to correct fluctuating oil pressure (OCC, Combustion Liner & Discharge Tubes were NDT inspected; OCC & Discharge Tubes were pressure tested) (Compressor Assy had an external visual serviceability inspection) (Turbine Assy had an external visual serviceability inspection) & tested (150 hr vibration test was performed) in accordance with Rolls Royce 250-C30 Overhaul Manual 14W3 2nd Ed. 15th Rev. Dated 01/04/09 & Maintenance Manual 14W2 6th Ed. 15th Rev. Dated 15/11/08. **150 hr inspections have been complied with (engine only) as indicated in the supplied checklist iaw 14W2 6th Ed. 15th Rev. Dated 15/11/08.** The following major parts were replaced: Flanged Adapter Vent Tube, (1) Tube Assy, Pressure & Scavenge Oil Pump Body Separator, Cover Assy, 77 Teeth Idler Spur Gearshaft, Oil Pump Gear Shaft, Oil Filter Cap & (1) Bearing. **The product is released as repaired, on a time continued basis, subject to a successful check run and power assurance check in the airframe.** All pertinent details of work performed are on file at this organization under Work Order LW727058.

SAL 661 QI

SAL-AMO-22-58

Rebecca Perrault

REBECCA PERRAULT

Inspection - Maintenance - Overhaul Record
Engine Assembly

Rolls-Royce

Part IV
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Engine Serial Number CAE- 890807 Engine Model 250- C30S

Date	Engine Time		Remarks	Signature and Certificate No.	Organization
	Since OH	Total			
12 JUN 09	NEW	10868.5			
	CSO: NEW	CSN: 20719	Installed Engine CAE-890807 on C66-IMY	Timeslice for Rotor Brace #KCS-93-192	CHL
20 Sept 09	10963.2	10963.2	Removed F.C.U. P/N 23070613 S/N 337108 Timex	Transcribed for M. Schoeni #1221	
13 JAN 10	NEW	10964.3			
	CSO: NEW	CSN: 21056			
					SAL 66 QI
					SAL-AMO-22-50
					Rebecca Perrault
					REBECCA PERRAULT

StandardAero
www.standardaero.com

33 Allen Dyne Road
Winnipeg, Manitoba
Canada R3H 1A1
Phone: 204-788-2693

Engine Assembly p/n 23005290 s/n CAE-890807 complete with (2) vibration brackets (less N2 Overspeed Control, Start Counter & Fuel Hose) has been repaired to correct Oil Pressure Fluctuations (Compressor Assy had an external visual serviceability inspection) (Gearbox Assy repaired for oil pressure fluctuations) (Turbine Assy had an external visual serviceability inspection) & tested (less Bleed Valve) (150 hr vibration test completed) in accordance with Rolls Royce 250-C30 Overhaul Manual 14W3 2nd Ed. 15th Rev. Dated 01/04/09 & Maintenance Manual 14W2 6th Ed. 16th Rev. Dated 15/11/09. The following major parts were replaced: Fuel Nozzle, Engine Electrical Harness, Bleed Valve, Lube Oil Pump Assy, Oil Filter Cap, Oil Delivery Tube & N1 Coupling Shaft. **The product is released serviceable for return to service, on a time continued basis, subject to satisfactory functional test results following installation in the airframe.** All pertinent details of work performed are on file at this organization under Work Order LW759960.

Inspection - Maintenance - Overhaul Record
Engine Assembly

Rolls-Royce

Part IV
Page No. 10

Engine Serial Number CAE- 890807 Engine Model 250- C30S

Date	Engine Time		Remarks	Signature and Certificate No.	Organization
	Since OH	Total			
16 June 2010	3473.0	3473.0	Removed Fuel Pump P/N 689681 SN T300119		
			(Timiskaming) Transmitted for Matthew Benoit #16593-1078		CHL
15 JAN 2010	NEW	10964.3	RECEIVED ON CHL		
	C30 NEW	CSN: 21056	PO # 527684		

CE-2784-A (7/02)

ASSEMBLY RECORD
ENGINE ASSEMBLY

FORM 2785A-1(4-79)

Engine Serial Number CAE - 890807 Engine Model 250- C30S

Nomenclature	Part Number	Serial Number	INSTALLED Date	INSTALLED Engine Total Time	INSTALLED TSO This Item	REMOVED Date	REMOVED Engine Total Time	REMOVED TSO This Item	Reason
GEARBOX	23005652	90815 ✓	2-29-84	0.0	NEW	02MAY85	890.2	TSN 890.2	UPDATE
COMPRESSOR	23005250	90948 ✓	"	"	"				
TURBINE	23004540	95269 ✓	"	"	"	02MAY85	890.2	TSN 890.2	UPDATE
~~CONTROL~~ ✓	23007850	337127 ✓	"	"	"	NOTE: FC & GOV MEET REQ. OF			CEB 73-3021
~~GOVERNOR~~	~~23007862~~	~~30427~~	"	"	"				
PUMP	6896810	T300198 ✓	"	"	"	03.12.90	1247.8	U/K	SAME PN & SN found instl
NOZZLE	6899001	AG77323 ✓	"	"	"	Previously		Removed	
BLEED VALVE	23005366	FF43535 ✓	"	"	"	7-7-86	908.7	tt:908.7	CONVENIENCE
N2 O.S.CONT.	23004821	RD13684	"	"	"	4-8-85	887.20	U/K.	
N2 O.S.VALVE	6899254	1092	"	"	"				
N1 PICKUP	6898540	A916	"	"	"				
N2 PICKUP	6899145	A992	"	"	"				

ASSEMBLY RECORD
ENGINE ASSEMBLY

FORM 2785A-1(4-79)

Engine Serial Number CAE - 890807 Engine Model 250- C30S

Nomenclature	Part Number	Serial Number	INSTALLED Date	INSTALLED Engine Total Time	INSTALLED TSO This Item	REMOVED Date	REMOVED Engine Total Time	REMOVED TSO This Item	Reason
S Control	23004821	RD13619	4-18-85	887:20	353.40 TSN 890.2				
COMPRESSOR ✓	23005250	90948	15JUNE85	890.2					
TURBINE ✓	23004540	95269							
GEARBOX ✓	23005652	90815	15JUNE85	890.2	TSN 890.2				
BLEED VALVE	23005366	26622	8-15-86	908.7	tt: 610.0	10th Oct 88	1264.7	966.0	CONDEMNED
BLEED VALVE	23005366	FF26637	10th Oct 88	1264.7	0:0				
BLEED VALVE	23005366	FF30484	10 Oct 88	1264.0	600.9	4 Sept 91	2147.0	1483.9	DUE O/HAUL
BLEED VALVE	23005366	FF43873	4 Sept 91	2147.0	0.0	See Other Copy, (Condemned)			
FUEL CONT UNIT	23007850	334155	03/12/90	1247.8	00				
T GOVERNOR	6898867	21035	31/01/89	1430.1	532.				

FORM 2785 A

ASSEMBLY RECORD
ENGINE ASSEMBLY

Part V
Page No. 3

Engine Serial Number CAE 890807 Engine Model 250-C30S

Nomenclature	Part Number	Serial Number	INSTALLED Date	Engine Total Time	TSO This Item	REMOVED Date	Engine Total Time	TSO This Item	Reason
COMPRESSOR ✓	23005250	90948	6-15-85	890.2	TSN 890.2	6-4-89	1503.3	1503.3	REPAIR
TURBINE ✓	23004540	95269	6-15-85	890.2	TSN 890.2	6-4-89	1503.3	1503.3	O/H.
GEARBOX ✓	23005652	90815	6-15-85	890.2	TSN 890.2	✓			
FUEL CONTROL ✓	23007850	337127	2-29-84	00.0	00.0 TT	— REMOVED —			
GOVERNOR ✓	23007862	30427	2-29-84	00.0	00.0 TT	NOTE: FC & GOV MEET REQ. OF CEB 73-30; 31-8-89	1442.6	TSN 1442.6	COMM
FUEL PUMP ✓	6896810	T300198	2-29-84	00.0	00.0 TT	4 JUNE 92	2330.9	2330.9 ~~0.0~~	FAILED
FUEL NOZZLE	6899001	AG77323	2-29-84	00.0	00.0 TT	N/K	N/K	N/K	N/K
BLEED VALVE	23005366	26622	8-15-86	908.7	610.0TT	10 Oct 88	1264.7	966.0	CONDEMN.
GOVERNOR	6898967	21035	81.1.89	1430.1	TSN 532.3	4 Sep 92	2410.4	1512.6	O/H.
BLEED VALVE	23005366	26637	10th Oct 88	1264.7	0.0		REMOVED	—	
FUEL NOZZLE	6899001	AG77573	21.6.89	1503.3	0.0	N/K	N/K	N/K	N/K
COMPRESSOR	23005250	CAC 90942	21.6.89	1503.3	1503.3	2 FEB 92	2225.8	2225.8	REPAIR DUE TO LOW TQ
TURBINE	23004540	CAT 95269	21.6.89	1503.3	NIL	—			

ASSEMBLY RECORD
ENGINE ASSEMBLY

Nomenclature	Part Number	Serial Number	INSTALLED			REMOVED			Reason
			Date	Engine Total Time	TSO This Item	Date	Engine Total Time	TSO This Item	
FUEL NOZZLE	6899001	AG 77934	2 FEB 92	22258	Ø	3 JUNE 92	2329.5	103.7	FAULT FIND
COMPRESSOR	23005250	CAC 90108	2 FEB 92	300H CHG 22258	0.0	20-9-93	2801.1	575.3	
FUEL PUMP	6846344	112	4 JUNE 92	2330.9	0.0				
FUEL NOZZLE	6899001	03391	3 JUNE 92	2329.5	534.5	14/9/96	C/K	1566.2	CONVENIENCE
GOVERNOR	2206268	25137	5 Sep 92	2404	0.0	30-9-93	2804.9	394.5	NO STICKS 88-92%
BLEED VALVE	23005366	FF43873	4 SEP 91	2147.0	0.0				
FCU	23059172	8414006S	7 JUN 92	2232.8	684.8				
GOVERNOR	6898867	25157	30 SEP 93	2804.9	464.9				
TURBINE	23004540	CAT-90673	10 JUN 91	2110.9	0.0	24 SEP 93	2794.6	683.7	FAILED PWR ASSURANCE
TURBINE	23004540	CAT 902205	24 SEP 93	2794.6	606.5	Aug 94	3041.9	853.8	CRACKING IN 1ST STG BLADE ROOTS
COMPRESSOR	23005250	CAC 902265	29-9-93	2801.1	693.9	13/NOV/97	3360.3	1253.1	TIGHT
TURBINE	23004540	CAT 902205	23 Apr 94	3041.9	853.8	14/9/96	C/K	1172.2	TURB WHEEL LL
COMPRESSOR	23005540	CAT 901115	14 Sept 96	3360.3	1871.1	11/Nov/97	3360.3	1871.1	PT SHAFTING
TURBINE	6899001	AG 58754	14 Sept 96	3360.3	391.7				

2785A(11-77)

ASSEMBLY RECORD
ENGINE ASSEMBLY

Engine Serial Number CAE - 890807 Engine Model 250 - C30S

Nomenclature	Part Number	Serial Number	INSTALLED Date	INSTALLED Engine Total Time	INSTALLED TSO This Item	REMOVED Date	REMOVED Engine Total Time	REMOVED TSO This Item	Reason
Power Turbine	23004540	CAE 95024	18Feb98	3360.3	0.0	9Oct99	4938.6	1578.3	Cycles out
Gearbox ✓	23005652	CAG 90815	18Feb98	3360.3	1503.3				
Solenoid Valve	23007827	2599	18Feb98	3360.3	U/K				
F.C.U	23009172	84140045	18Feb98	3360.3	684.8	13Nov98	3449.6	774.1	Poor Starting
Compressor	23062270	CAC 90807	18Feb98	3360.3	1808.1	12Feb99	3740.5	TSN 2168.3	Convenience
Anti Ice Pressuriser	280	1505	18Feb98	3360.3	U/K				
Anti Ice Sole Valve	6894063	166	18Feb98	3360.3	U/K				
N1 Pickup	6898540	A530	18Feb98	3360.3	U/K				
Combustion can	6899081	1510	18Feb98	3360.3	U/K				
N2 Pickup	6899145	A193	18Feb98	3360.3	U/K				
N2 O/S Valve	6899254	1145	18Feb98	3360.3	U/K				
Oil Press Switch	26308-07900-101	0985	18Feb98	3360.3	U/K				

2785A(11-77)

ASSEMBLY RECORD
ENGINE ASSEMBLY

Engine Serial Number CAE 890607$ Engine Model 250-C30$

Nomenclature	Part Number	Serial Number	INSTALLED Date	INSTALLED Engine Total Time	INSTALLED TSO This Item	REMOVED Date	REMOVED Engine Total Time	REMOVED TSO This Item	Reason
Fuel Pump Trans.	16450-01078-119	1115-3518503	18Feb98	3360.3	U/C				
" " "	"	28-01-95	18Feb98	3360.3	U/C				
Governor	23006268	21539	18Feb98	3360.3	1402.6	21Nov99	3942.1	1984.4	T/R for O/H
Fuel Pump	6896344	112	18Feb98	3360.3	1029.4	24Jan99	3631.4	1300.5	Fuel Leak at Drain Plug
Fuel Nozzle	6899001	AA92510	18Feb98	3360.3	958.5	13Nov98	3449.6	1047.8	Poor Starting
Ignition Ex.	6895573	09495	18Feb98	3360.3	O/C				
" "	6895573	10056	18Feb98	3360.3	O/C				
Bleed Valve	23005366	FF43878	18Feb98	3360.3	1213.3	17Dec98	3631.0	1464.0	O/H Due
Fuel Control	3853944	325030	13Feb99	3449.6	0.0	17Dec98	3631.0	181.4	Trsfr. To Eng 254$
Fuel Nozzle	6899001	AC-507754	13Nov98	3449.6	402.7	06May99	4107.3	1060.4	One Shroud Worn
Bleed Valve	23005366	FF 404180	04Jan99	3631.0	0.0	21Nov99	5114.7	1483.7	T/R for O/H
Fuel Control	23089932	323305	01Jan99	3631.0	1767.9	24Nov99	4363.3	2500.2	T/R for O/H

ASSEMBLY RECORD
ENGINE ASSEMBLY

FORM 190A
S0365

Engine Serial Number CAT 890807 $ Engine Model 260 - C30 $

Nomenclature	Part Number	Serial Number	INSTALLED Date	INSTALLED Engine Total Time	INSTALLED TSO This Item	REMOVED Date	REMOVED Engine Total Time	REMOVED TSO This Item	Reason
Fuel Pump	6896810	0221	24 Jun 99	3631.4	1896.1				
Compressor	~~2305~~ 2305237O	~~9~~ 90122	16 Feb 99	3740.5	TSN 7811.8	19 Feb 99	3780.0	TSN 7851.3	Rental Return (Acc
Compressor	2300625O	90277	19 Feb 99	3780.0	TSN 6766.2	02 Apr 99	4003.5	TSN 6979.7	Convenience
Governor	2300626B	26729	21 May 99	3942.1	840.5	22 Jun 99	4532.1	1430.5	Conversion
Compressor	13052270	90330	02 Apr 99	4003.5	TSN 5747.1	09 Apr 99	4031.6	TSN 5775.2	Rental (Acro) Return
Compressor	2300626O	90277	09 Apr 99	4031.6	TSN 6979.7	04 May 99	4938.6	TSN 7886.7	Conversion Sca
Fuel Nozzle	6899001	AGM670	06 May 99	4107.3	889.0	05 Jun 99	4794.4	1576.1	CDA Check Suction Side
Fuel Control	23065146	337995	24 Jun 99	4363.3	0.0	17 Dec 99	5264.2	900.9	Convenience
Fuel Nozzle	6899001	10H02379	05 Jun 99	4794.4	1355.1	04 Oct 99	4938.6	144.2	Test To 94
Compressor	2300626O	90442	15 Oct 99	4938.6	TSN 19002.9	17 Dec 200	5264.2	TSN 17328.5	TS For Test
Turbine	2338926	90A660	15 Oct 99	4938.6	874.8	17 Dec 99	5264.2	1200.4	TS For To 84
Fuel Nozzle	6899001	B/S 4288Uo	15 Oct 99	4938.6	35.2	17 Dec 99	5264.2	360.8	Convenience
Governor	2300762A	3663140	22 Jun 99	4532.1	214.1	17 Dec 99	5264.2	946.2	Convenience

FORM 190A (BACK)
S0365

ASSEMBLY RECORD
ENGINE ASSEMBLY

Part V
Page No. 8

Nomenclature	Part Number	Serial Number	INSTALLED			REMOVED			Reason
			Date	Engine Total Time	TSO This Item	Date	Engine Total Time	TSO This Item	
ESS Valve	23005366	FF31940	21 NOV 99	5114.7	0.0	17 DEC 99	5642.2	527.5	CONVENIENCE.
MPRESSOR	23005250	90346 CAT	26/1/2000	5642.2	648.9	06FEB01	6804.4	1807.6	OVE INSP.
BINE	23031925	95359	26 JAN 00	5642.2	648.9	06 JUL 00	6020.2	1398.4	CYCLED OUT
ED Valve	23005366	FF40350	26 JAN 00	5642.2	84.9	21 JUL 00	6020.1	464.8	
U	252A6992-11	20654	26 JAN 00	5642.2	84.9	21 JUL 00	6020.1	464.8	
EL Pump	3944400-1	T0162 84 12 MONTHS	26 JAN 00	5642.2	1613.4	21 JUL 00	6020.2	1991.4	CONV.
CU	252A994-12		26 JAN 00	5642.2	1791.1	12 JUNE	5962.2	2111.1	DUE O/H.
EL Nozzle	6899001	AG53188	26 JAN 00	5642.2	1309.6	09 JUL 00	5946.5	1613.9	
bine	23031925	CAT 95024	07 JUL 00	6020.2	723.1	22 JULY 00	6022.1	725.0	TAKE TO 890254
1	23065146	325020	12 JUNE 00	5962.2	595.7	21 JULY 00	6020.2	663.7	TROUBLESHOOTING
1	23065146	84020123	19 JUL 00 21 JUNE 00	6020.2	2455.3	21 JULY 00	6021.9	2457.0	DUE O/H.
EL Nozzle	6899001	AG85791	09 JUL 00	5946.5	1487.7	21 JULY 00	6021.7	1562.9	CLEANING
2 Nozzle	6899001	AG83702	21 JULY 00	6021.7	0.0	21 JULY 00	6022.1	0.4	CONVENIENCE.
-Pump	6896800	1330990	19 JULY 00	6020.2	2318.5	21 JUL 00	6022.1	2320.4	
U	23065146	330943	21 JULY 00	6021.9	0.0				

Allison

ASSEMBLY RECORD
ENGINE ASSEMBLY

F-2785A (5/95)

Engine Serial Number CAE- 890807$ Engine Model 250- C30$

Nomenclature	Part Number	Serial Number	INSTALLED		REMOVED		Reason
			Date / ENG. TOTAL	TT / TSO	Date / ENG. TOTAL	TT / TSO	
FUEL NOZZLE	6899001	AG83773	24 SEP 00 6022.1	UNK 1738.9	26 FEB 01 6804.4	UNK 2521.2	due OH
TURBINE	23031925	CAT95111	24 SEP 00 6022.1	7815.2 805.3	26 FEB 01 6804.4	1587.6	T/X OAC. due OH
GOVERNOR	23070101	25187	24 SEP 00 6022.1	UNK 1738.9	26 FEB 01 6804.4	UNK 2521.2	due OH
FUEL CONTROL	23065115	331590	24 SEP 00 6022.1	UNK 1738.9	26 FEB 01 6804.4	UNK 2521.2	due OH
FUEL PUMP	6896810	T300125	24 SEP 00 6022.1	UNK ~~1738.9~~ N2	19 JUN 02 NF 7883.6 7268.5	U/K 3033.6	DUE FOR O/H TOL 2002097
BLEED VALVE	23005366	FF26334	24 SEP 00 6022.1	UNK 271.8	26 FEB 01 6804.4	UNK 1054.1	CONV.
COMB. CASE	23030910	23985	24 SEP 00 6022.1	UNK 0.0	26 FEB 01 6804.4	UNK 782.3	CONV.
COMB. LINER	6899081	2035	24 SEP 00 6022.1	UNK 403.9	26 FEB 01 6804.4	UNK 1186.2	CONV.
COMPRESSOR	23005250	CAC 901045	13 APR 01 6804.4	15043.4 13581.4	10 FEB 02 7392.3	15631.3 1419.3	CRACK ON SCROLL
TURBINE	23031925	CAT 95498	13 APR 01 6804.4	8655.3 0.0	14 MAR 02 7454.9	9305.8 650.5	CRACKED EXHAUST COLLECTOR

A/E 19710-0

Allison

F-2785A (5/95)

ASSEMBLY RECORD
ENGINE ASSEMBLY

Part V
Page No. 10

Engine Serial Number CAE- 890807$ Engine Model 250- C30$

Nomenclature	Part Number	Serial Number	INSTALLED		REMOVED		Reason
			Date / ENG TSOT	TT / TSO	Date / ENG TSOT	TT / TSO	
FUEL CONTROL	23065146	323301	13APR01	UNK	23APR01	UNK	TRANSCRIBATION
			6804.4	18.0	6836.9	50.5	
FUEL NOZZLE	6899001	AG85771	13APR01	UNK	23APR01	UNK	✓
			6804.4	0.0	6836.9	32.5	
GOVERNOR	23070101	27590	13APR01	UNK	23APR01	UNK	✓
			6804.4	0.0	6836.9	32.5	
BLEED VALVE	23005366	FF36866	13APR01	UNK	05SEP02		CONVENIENCE
			6804.4	0.0	7875.7	1071.3	
COMB. CASE	23030910	20628	13APR01	UNK			
			6804.4	0.0 NOT			
COMB. LINER	6899081	24649	13APR01	UNK			
			6804.4	0.0			
* FUEL CONTROL	23065146	337995	23APR01	UNK	05SEP02	U/K	CONVENIENCE
			6836.9	0.0	7875.7	1038.8	
FUEL NOZZLE	6899001	AG92510	23APR01	UNK	05SEP02	U/K	CONVENIENCE
			6836.9	178.6	7875.7	1217.4	
GOVERNOR	23070101	84250098	23APR01	UNK	05SEP02	U/K	CONVENIENCE
			6836.9	0.0	7875.7	1038.8	
COMPRESSOR	23051643	CAC-90156	10FEB02	8072.4	05SEP02	8585.8	CONVENIENCE
			NE 19443.4	N/A	NE 20130.5	N/A	

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ASSEMBLY RECORD
ENGINE ASSEMBLY

Part V
Page No. 11

Engine Serial Number CAE-890807$ Engine Model 250C30$

Nomenclature	Part Number	Serial Number	INSTALLED Date	INSTALLED Engine Total A/F Time	INSTALLED TSO This Item	REMOVED Date	REMOVED Engine Total A/F Time	REMOVED TSO This Item	Reason
TURBINE	23031995	CAT-90345	14MAR03	19710.0	1177.6	22JUL02	19986.5	1454.1	TN BY E YCL
FUEL PUMP	6896810	T300119	19JUN02	19883.6	0-0	05SEP02	20130.8	247.2	CONVERSION
TURBINE	23033195	CAT-90214	22JUL02	19986.5	0.5	A/F 20130.8 05SEP02	20130.8	144.8	CONVERSION + TO SERVICE GE
G. CARBON	23005652	CAG 90815	04JAN99	ENG 3631.0	N/P	A/F 20130.8 05SEP02	ENG 4244.7	TSN 6018.7 TSO N/P	W/ENG CONVERSION
TURBINE	23033195	CAT. 90447	18SEP02	ENG 4244.7	1603.7 N/P	05SEP02	20130.8 7875.7	1603.7	CONVENIENCE
Compressor	23051643 X	CAG 90156	31 MAR 03	A/F 6015.8 E-7875.7	TSN 8555.8 TSO N/P	03SEP03	6360.8	TSN 8400.8	W/ENGINE
Gearbox	23035119	CAG 90514S	31 MAR 03	A/F 6015.8 E-7875.7	TSN 8245.3 TSO 1818.5	03SEP03	6360.8	10563.5	W/ENGINE
Turbine	23033195	CAT 90157	31 MAR 03	A/F 6015.8 E-7875.7	TSO 591.8 HRS 7780.7	03SEP03	6360.8	936.8	W/ENGINE
Fuel Control	23070613	324259	31 MAR 03	A/F 6015.8 E-7875.7	1899.5	03SEP03	6360.8	2244.5	W/ENGINE
Fuel Pump	6896810	T300119	31 MAR 03	A/F 6015.8 E-7875.7	2478 3 HRS	03SEP03	6360.8	592.2	W/ENGINE
Fuel Nozzle	6899001	AE92510	31 MAR 03	A/F 6015.8 E-7875.7	1217.4	03SEP03	6360.8	1562.4	W/ENGINE
Governor	23070106	84250098	31 MAR 03	A/F 6015.8 E-7875.7	1038.8	03SEP03	6360.8	1383.8	W/ENGINE
Bleed Valve	23005316	FF40379	31 MAR 03	A/F 6015.8 E-7875.7	766.4	03SEP03	6360.8	1111.4	W/ENGINE

08 MAY 03

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ASSEMBLY RECORD
ENGINE ASSEMBLY

Part V
Page No. 12

Nomenclature	Part Number	Serial Number	INSTALLED Date	INSTALLED Engine Total Time	INSTALLED TSO This Item	REMOVED Date	REMOVED Engine Total Time	REMOVED TSO This Item	Reason
mpressor	2305/6H3	CA C 90591	08NOV03 OCT 7, 2003	A/F 9902.7 8220.7	TSN: 19205.2	05MAY05	A/F 10497.7 ENG 8815.7	TSN 19800.2	W/ENGINE
earbox	23035179	CA G 90514	08NOV 03 OCT 7, 2003	A/F 9902.7 8220.7	6190.3	05MAY05	A/F 10497.7 ENG 8815.7	6785.3	W/ENGINE
irbine	23033195	CAT 90157	08NOV03 OCT 7 2003	A/F 9902.7 8220.7	CSO 2210 936.8	23JUL04	A/F 10202.5 ENG 8520.5	1236.6	CYCLED OUT
Governor	2524692-11 23070106	84250098	08NOV03 OCT 7, 2003	A/F 9902.7 8220.7	1383.8	18DEC03	A/F 9944.3 ENG 8268.3	1425.4	TORQUE WASHERS
el Control	23070013	324259	08NOV 03 OCT 7, 2003	A/F 9902.7 8220.7	2244.5	02JUL04	A/F 10175.8 ENG 8493.8	2517.6	W/TSO 2004-040 DUE FOR O/H
el Pump	6896810	F300119	08NOV03 OCT 7, 2003	A/F 9902.7 8220.7	592.2	05MAY05	A/F 10497.7 ENG 8815.7	1187.2	W/ENGINE
el Nozzle	6899001	AG92510	08 NOV 03 OCT 7 2003	A/F 9902.7 8220.7	1562.4 TSN: 1562.4	14SEP04	A/F 10325.9 ENG 8643.9	1985.6	COMPLIANCE WITH CSB A 72-3118 W/TSO 2004-201
eed Valve	33005366	FF40379	08NOV03 OCT 7, 2003	A/F 9902.7 8220.7	1111.4	25AUG04	A/F 10297.7 ENG 8615.7	1506.4	DUE FOR O/H
OVERNOR	2524692-11	31838	18 DEC 03	A/F 9944.3 ENG 8268.3	0.0	22DEC03	A/F 9951.2 ENG 8269.2	6.9	TO TROUBLESHOOT TORQUE SPLIT
OVERNOR	2524692-11	84250098	22 DEC 03	A/F 9951.2 ENG 8269.2	1425.4	07JAN04	A/F 9970.9 ENG 8288.9	1445.1	TORQUE SPLIT → TO # 626
OVERNOR	2524692-11	81848	07JAN04	A/F 9970.9 ENG 8288.9	934.6	05MAY05	A/F 10497.7 ENG 8815.7	1461.4	W/ENGINE
UEL CONTROL	2549092-6	337108	02JUL04	A/F 10175.8 ENG 8493.8	0.0	05MAY05	A/F 10497.7 ENG 8815.7	321.9	W/ENGINE
URBINE	23033195	CAT-90861	23JUL04	A/F 10202.5 ENG 8520.5	369.9	05MAY05	A/F 10497.7 ENG 8815.7	665.1	W/ENGINE
EED VALVE	23073353	FF30423	25AUG04	A/F 10297.7 ENG 8615.7	76.4	05MAY05	A/F 10497.7 ENG 8815.7	276.4	W/ENGINE
				A/F 10325.9			A/F 10497.7		TRANS FERRED TO

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ASSEMBLY RECORD
ENGINE ASSEMBLY

Engine Serial Number CAE-890 8075 Engine Model 250B05

Nomenclature	Part Number	Serial Number	INSTALLED			REMOVED			Reason
			Date	Engine Total Time	TSO This Item	Date	Engine Total Time	TSO This Item	
FUEL NOZZLE	23077067	IXR05447	08MAR05	ENG 8815.7 A/F 10497.7	171.8	08MAR05	ENG 8815.7 A/F 10497.7	171.8	SPRAY PATTERN & LEAKAGE
FUEL NOZZLE	23077067	AG57867	08MAR05	ENG 8815.7 A/F 10497.7	0.0	05MAY05	ENG 8815.7 A/F 10497.7	0.0	W/ENGINE
COMPRESSOR	2305/643	CAC-90591	12MAY05	ENG 8815.7 A/F 11718.3	T/SN 19800.2	10DEC05	ENG 9378.0 A/F 12280.6	T/SN 20362.5	W/ENGINE
GEARBOX	23035/79	CAG-90514	12MAY05	ENG 8815.7 A/F 11718.3	678.5.3	10DEC05	ENG 9378.0 A/F 12280.6	7347.6	W/ENGINE
TURBINE	23033195	CAT-90261	12MAY05	ENG 8815.7 A/F 11718.3	665.1	10DEC05	ENG 9378.0 A/F 12280.6	1227.4	W/ENGINE
FUEL CONTROL	2549092-6	337108	12MAY05	ENG 8815.7 A/F 11718.3	321.9	10DEC05	ENG 9378.0 A/F 12280.6	884.2	W/ENGINE
GOVERNOR	2524692-11	21848	12MAY05	ENG 8815.7 A/F 11718.3	1461.4	02NOV05	ENG 9331.2 A/F 12233.8	1976.9	DUE FOR O/H
FUEL PUMP	6896810	T300119	12MAY05	ENG 8815.7 A/F 11718.3	1187.2	10DEC05	ENG 9378.0 A/F 12280.6	1749.5	W/ENGINE
FUEL NOZZLE	23077467	AG57867	12MAY05	ENG 8815.7 A/F 11718.3	0.0	10DEC05	ENG 9378.0 A/F 12280.6	562.3	W/ENGINE
BLEED VALVE	23073353	FF30423	12MAY05	ENG 8815.7 A/F 11718.3	276.4	10DEC05	ENG 9378.0 A/F 12280.6	238.7	W/ENGINE
GOVERNOR	2524692-11	22929	02NOV05	ENG 9331.2 A/F 12233.8	0.0	10DEC05	ENG 9378.0 A/F 12280.6	46.8	W/ENGINE

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ASSEMBLY RECORD
ENGINE ASSEMBLY

Engine Serial Number CAE890807 Engine Model C30S

Nomenclature	Part Number	Serial Number	INSTALLED Date	INSTALLED Engine Total Time	INSTALLED TSO This Item	REMOVED Date	REMOVED Engine Total Time	REMOVED TSO This Item	Reason
Compressor	23051643	CAC 90591	17FEB06 Feb9/06	AF 11429.7 9378.0	new	05MAY06	AF 11548.2 9496.5	new	w/eng CAE-890807$
Gearbox	23035179	CAG 90514$	17FEB06 Feb9/06	AF 11429.7 9378.0	7347.6	05MAY06	AF 11548.2 9496.5	7466.1	w/eng CAE-890807$
Turbine	23035128	CAT 90261	17FEB06 Feb9/06	AF 11429.7 9378.0	1227.4	05MAY06	AF 11548.2 9496.5	1345.9	w/eng CAE-890807$
Fuel Control	2544092-6 23070613	3371108	17FEB06 Feb9/06	AF 11429.7 9378.0	884.2	05MAY06	AF 11548.2 9496.5	1002.7	w/eng CAE-890807$
Governor	2524692-11 23065125	28929	17FEB06 Feb9/06	AF 11429.7 9378.0	46.8	05MAY06	AF 11548.2 9496.5	165.3	w/eng CAE-890807$
Fuel Pump	6896810	T30019	17FEB06 Feb9/06	AF 11429.7 9378.0	1749.5	05MAY06	AF 11548.2 9496.5	1868.0	w/eng CAE-890807$
Fuel Nozzle	23077067	AG57867	17FEB06 Feb9/06	AF 11429.7 9378.0	562.3	05MAY06	AF 11548.2 9496.5	680.8	w/eng CAE-890807$
Bleed Valve	23073353	FF30423	17FEB06 Feb9/06	AF 11429.7 9378.0	838.7	05MAY06	AF 11548.2 9496.5	957.2	w/eng CAE-890807$
Combustion Liner	23066675	E365	17FEB06	AF 11429.7 9378.0	0.0	05MAY06	AF 11548.2 9496.5	118.5	w/eng CAE-890807$
Compressor	23051643	CAC 90591	05MAY06	AF 8162.1 9496.5	new	05JUL07	10198.5	New	with engine CAE-890807$
Gearbox	23035179	CAG- 90514$	05MAY06	AF 8162.1 9496.5	7466.1	05JUL07	10198.5	8168.1	with engine CAE-890807$
Turbine	23035128	CAT- 90261	05MAY06	AF 8162.1 9496.5	1345.9	05JUL07	10198.5	2047.9	with engine CAE-890807$

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ASSEMBLY RECORD
ENGINE ASSEMBLY

Engine Serial Number CAE-890807$ Engine Model 250C30$

Nomenclature	Part Number	Serial Number	INSTALLED Date	INSTALLED Engine Total Time	INSTALLED TSO This Item	REMOVED Date	REMOVED Engine Total Time	REMOVED TSO This Item	Reason
FUEL CONTROL	2549092-6	337108	05MAY06	AF 8162.1 9496.5	1002.7	05JUL07	10198.5	1704.7	With engine CAE-890807$
GOVERNOR	2524692-11	28929	05MAY06	AF 8162.1 9496.5	1166.3	05JUL07	10198.5	867.3	With engine CAE-890807$
FUEL PUMP	6896810	T300119	05MAY06	AF 8162.1 9496.5	1868.0	05JUL07	10198.5	2570.0	With engine CAE-890807$
FUEL NOZZLE	23077067	AG57867	05MAY06	AF 8162.1 9496.5	680.8	05JUL07	10198.5	1385.8	With engine CAE-890807$
BLEED VALVE	23073353	FF30423	05MAY06	AF 8162.1 9496.5	957.2	14Mar07	9981.7	1447.4	Timed
Combustion liner	23066675	E365	05MAY06	AF 8162.1 9496.5	118.5	23MAR07	9986.7	608.7	Timed
Combustion liner	23066675	24308	23MAR07	9986.7	0.0	05JUL07	10198.5	211.8	With engine CAE-890807$
Bleed valve	23005366	FF57275	23MAR07	9986.7	4425.3	05JUL07	10198.5	211.8	With engine CAE-890807$
COMPRESSOR	23051643	CAC 90639	17OCT.07	10198.5	5020.9	24NOV.08	10732.3	555H.7	W/ENG. CAE-890807
GEARBOX	23035179	CAG 90514	17OCT.07	10198.5	8168.1	24NOV.08	10732.3	8701.9	W/ENG. CAE-89
TURBINE	23035128	CAT 90189	17OCT.07	10198.5	622.5	24NOV.08	10732.3	1156.3	W/ENG CAE-8
GOVERNOR	23070106	BR H0638	17OCT.07	10198.5	395.4	UNK	UNK	UNK	UNK

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ASSEMBLY RECORD
ENGINE ASSEMBLY

Part V
Page No. 16

Engine Serial Number CAT-890878 Engine Model 250C30S

Nomenclature	Part Number	Serial Number	INSTALLED			REMOVED			Reason
			Date	Engine Total Time	TSO This Item	Date	Engine Total Time	TSO This Item	
FUEL CONTROL	23070613	337108	17 OCT. 07	10198.5	1704.1	20 Sept 09	10963.2	2469.4	TIMEX
FUEL PUMP	6896810	T 300119	17 OCT. 07	10198.5	2570.0	16 June 2010	11101.5	3473.0	TIMEX
FUEL NOZZLE	23077067	AG 57867	17 OCT. 07	10198.5	1382.8	24 NOV 08	10732.3	1916.6	W/ENG CAE-890807
SPEED VALVE	23073353	FF 57275	17 OCT. 07	10198.5	211.8	UNK	UNK	UNK	UNK
COMBUSTION LINER	23066675	24336	17 OCT. 07	10198.5	0.0	24 NOV 08	10732.3	533.8	W/ENG. CAE-890807
COMPRESSOR	23051643	CAC-90228	22 DEC 08	10732.3	11476.4	30 APR 09	10868.5	11612.6	INSPECT
GEARBOX	23035179	CAG-90514	22 DEC 08	10732.3	8701.9	30 APR. 09	10868.5	8838.1	FLUCTUATING OIL PRESSURE
TURBINE	23035128	CAT-90189	22 DEC 08	10732.3	1156.3	30 APR. 09	10868.5	1292.5	INSPECT
FUEL NOZZLE	23077067	AG 57867	22 DEC 08	10732.3	1916.6	24 DEC 08	10732.3	1916.6	REQUIRES O/H; EXCHANGE
COMBUSTION LINER	23066675	BL 13476A	22 DEC 08	10732.3	NEW	30 APR. 09	10868.5	NEW	O/H
[illegible]	23077067	1&S 00001	29 DEC 08	10732.3	0.0	30 APR 09	10868.5	136.2	REPAIR
[illegible]	23051643	CAC-90228	14 MAY 09	10868.5	11612.6	19 NOV. 09	10964.3	11708.4	INSPECT

Assembly Record
Engine Assembly

Rolls-Royce

Engine Serial Number CAE- 890807 Engine Model 250- C30S

Nomenclature	Part Number	Serial Number	Installed		Removed		Reason
			Date	ENG TT / COMP TSO	Date	ENG TT / COMP TSO	
GEARBOX	23035179	CAG-90514	14 MAY 09	10868.5 / 8838.1	19 NOV. 09	10964.3 / 8933.8	OIL PRESSURE FLUCTUATION
TURBINE	23035128	CAT-90189	14 MAY 09	10868.5 / 1292.5	19 NOV. 09	10964.3 / 1388.3	INSPECT
FUEL NOZZLE	23077067	1[illegible]00001	14 MAY 09	10868.5 / 136.2	19 NOV. 09	10964.3 / 232.0	EXCHANGE
COMBUSTION LINER	23066675	SL134776A ✓	14 MAY 09	10868.5 / 0.0			
FUEL CONTROL UNIT	23070613	HR59539	03 OCT 09	10963.1 / 619.2	11 MAY 2014	11689.28 / 1345.38	TRANSFER
COMPRESSOR	23051643	CAC-90228 ✓	4 JAN. 10	10964.3 / 11708.4			
GEARBOX	23035179	CAG-90514 ✓	4 JAN. 10	10964.3 / 8933.8			
TURBINE	23035128	CAT-90189 ✓	4 JAN. 10	10964.3 / 1388.3			
FUEL NOZZLE	23074064	VNCAT02141	4 JAN. 10	10964.3 / NEW		Removed not recorded	
BLEED VALVE	23073353	FF26629	11 JAN. 10	10964.3 / 0.0	11 MAY 2014	11689.28 / 724.98	TRANSFER

Assembly Record
Engine Assembly

Rolls-Roy

Part V
Page No. 18

Engine Serial Number CAE- 890807 Engine Model 250- C30S

Nomenclature	Part Number	Serial Number	Installed		Removed		Reason
			Date	Eng TT / GHP TSO	Date	Eng TT / GHP TSO	
Fuel Pump	6896810	T300179	16 DEC 2010	11101.5 / 0.0	11 MAY 2014	11689.28 / 587.78	TRANSFE

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SERVICE RECORD
COMPRESSOR ASSEMBLY

Part 1
Page No. [illegible]

Compressor Serial Number CAC-90522 Engine Model 250-C30S

INSTALLED					REMOVED			
			Compressor Time			Compressor Time		
Date	Owner	A/C or Eng. S/N	Since OH	Total	Date	Since OH	Total	Reason
[illegible]	[illegible]	CAE [illegible]	7297.1	9561.3	09FEB02	7588.2	9852.4	COMPRESSOR SCROLL CRACKED
[illegible]	[illegible]	[illegible]	7588.2	9852.4	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	CAE [illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	CAE [illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	9493.4	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	9493.4	[illegible]	[illegible]	10215.2	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]				

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TRANSFER RECORD

Part II
Page No. 2

SHIPPED					RECEIVED		
Date	From	To	Compressor Time Since O/H	Total	Date	By
	Edmonton	SAL	7558.2	9532.1		SAL
	SAL	Edmonton	7587.2	9552.1		

FORM 27828-1 (E) (4-79)

SERVICE RECORD
COMPRESSOR ASSEMBLY

Part 1
Page No. 1

Compressor Serial Number CAC - 90228 P/N 3065464-3

Engine Model 250-C30S

INSTALLED					REMOVED			
			Compressor Time			Compressor Time		
Date	Owner	A/C or Eng S/N	Since OH	Total	Date	Since OH	Total	Reason
10-27-79		890222	NEW	0.0	27-11-82	N.R.	1327.6	Low Power
2-Feb-82	Okanagan Hel.	CAC 890222	0.0	1327.6	82.10.13	48.1	1355.7	
82.10.22	OKANAGAN	CAC 890222	48.1	1355.7	JAN 1 84	956.6	2296.2	
1-Jan-84	OKAN (CAC)	890222	0.0	2296.2	30 JUNE	27.2	2891.4	
30 JUNE 85	OKAN GIMM	890222	27.2	2891.4	28 SEP 85	166.8	3058.2	
28 SEP 85	OKAN GIMM	CAC 890222	166.8	3058.2	25 JAN 87	1474.2	3398.4	WITH ENG
6-Jan-88	OKAN GIMM	890222	1474.3	3398.4	1-03-89	2186.1	4484.3	
12-2-89	OKAN GIMM	890222	2186.4	4484.3	01/07/90	2229.7	4493.9	WITH ENGINE
02/21/90	AIR HERMES	890222	2229.7	4493.9	11/6/90	2917.1	5181.3	
11-6-90	AIR HERMES	CAC 890222	2911.1	5181.3	31-7-93	3891.5	6255.5	WITH ENGINE
26-11-93	AIR HERMES	CAC 890222	3891.3	6255.5	3.11.94	4423.1	6681.3	F.O.D.
6-95	CAC GIMLI	CAC 890222	4423.1	6681.3	95 MAY 1	542.4	7451.6	C/W GEARBOX

TRANSFER RECORD

FORM 2782 Rev 1 (D) (4-79)

Part II
Page No. 1

Compressor Serial Number CAC - 90283 Engine Model 250-C30S

SHIPPED					RECEIVED	
Date	From	To	Compressor Time Since OH	Compressor Time Total	Date	By
10-27-79	DDA-GMC	SIKORSKY AIRCRAFT	NEW	0.0		
2-20-80	SIKORSKY	OKANAGAN	0-0	16.4		
27 MAR 82	OKANAGAN	S-64E	1147	1367.6	3 APR 82	S-64E
21 MAY 82	S-64E	OKANAGAN HELI.	00.0	1383.6		
					9-27-89	AIRWORK
2-2-89	AIRWORK	CANADIAN HELI	2186.1	4569.3		
					2-14-90	AIRWORK
3-7-90	AIRWORK	ARTIC AIR SERV	2229.7	4613.9		
					3-30-90	AIRWORK
						CHK

FORM 2783E-1 (4-79)

MODIFICATION RECORD
COMPRESSOR ASSEMBLY

Compressor Serial Number CAC - 90220 Engine Model 250 - C30 S

Compliance Date	Bulletin or Directive No.	Title	Signature	Organization
[illegible]	CEB 75-3003R1	Air System, Compressor Bleed Valve Gasket - Add		
28 MAY 82	CEB 72-3005	Mount Assy - Replace		SAC
28 MAY 82	CEB 72-3010	Four-Finger Impeller		SAC
28 MAY 82	CEB 72-3057	Shroud Assy - Engine Front		SAC
SEP 07 1984	CEB 78-3042	Modify Impeller Rear Stub Shaft		SAC
SEP 07 1984	-3046	Replace w/Brg & Retaining Nut		SAC
SEP 07 1984	-3057	Modify to 2 Ball Brg Config		SAC
SEP 07 1984	-3078	Replace Index Pin		SAC
SEP 07 1984	-3085	New Cover Mount		SAC
SEP 07 1984	-3091	New Adapter Flange		SAC
SEP 07 1984	-3093	Mod Fg Shroud Housing		SAC
SEP 07 1984	-3100	Elimination of Magnetic Gasket		SAC
SEP 07 1984	-3042	Convert from C30-2 to C30-3		SAC

ORM 2783B-1 (4-79)

MODIFICATION RECORD
COMPRESSOR ASSEMBLY

Part III
Page No. 2

Compressor Serial Number CAC - 90228

Engine Model 250- C30S

Compliance Date	Bulletin or Directive No.	Title	Signature	Organization
JAN 1966	CSL A-3066	NI shafting insp.		
	CSL A-306	Insp. compr. rotor & splined adapter		
AUG 1967	ADBS-25-08	COMP MOUNT ENG. FIE EV25106		
8 AUG 1967	A684-24-54	ENG MODS FIE EV25106		
	ADB6-19-12	INSP. COMP. ROTOR + SPLINED ADAPT		
8 AUG 1967		NI SHAFTING INSP.		
AUG 1967	CEB 72-3001	500 HR SUPPORT INDEX FIE EV25106		
AUG 1967	CEB 72-3004	OIL PRESS REDUCER ROLL FIE EV25106		
AUG 1967	CEB 72-3014	NO 1 BRG OIL PRESS TUBE CLAMP		
		ADD FIE EV25106		
AUG 1967	CEB 72-3066	FLIGHT APPROVED COVERS FIE EV25106		
AUG 1967	CEB 72-3068	INSP COMP SHAFTING + ENG SPROCKET FIE EV25106		
8 AUG 1967	CEB 72-3084	NI COATING ENG CEB 72-3068 FIE EV25106		

CAD 10P

FORM 27838 (11-77)

MODIFICATION RECORD
COMPRESSOR ASSEMBLY

Part III
Page No. [illegible]

Compressor Serial Number CAC 30228 Engine Model 3306

Compliance Date	Bulletin or Directive No	Title	Signature	Organization
2 R FEB 1987	CSL 3042	MAIN MOD SEAL ADAPTER GEAR SHAFT	[illegible]	CSL
		O-RING & TUBE MAINT PIS-EA 25:06		
2 R FEB 1987	CSL A-3068	INSP CONN ROTOR - SPLINED ADAPTER EA 25:06		
2 R FEB 1987	CSL A 3066	N1 SHAFTING INSP - IF EA 45:06	[illegible]	CSL
22 R FEB 87	CSL A-3062 R1	INSPECTION & SEALING PROCEDURE FOR [illegible]	[illegible]	[illegible]
	CSL A-3066 R1	N1 SHAFTING INSPECTION		
13 FEB 91	A083-2205(39-4755), 85-25-58(39-5187), CSB 12-3004R1, 12-3005R2			
	CSB 12-3014R1, 12-3042R3, 12-3016R2, 12-3051R1, 12-3064R2			
	CSB 12-3067R2, 12-3070R1, A 12-3081, 12-3082R2, 12-3091R1, 12-3093R2			
	CSB 12-3108R1, 12-3108R3, A 12-3124R2 F/E ON CHL EA 27762			
13 FEB 91	CSB A 12-3143	INSP. TUBE, SHAFTING AND REPLACE SEAL - O-RING EA 06		
13 FEB 91	CSB 12-3171 R2	ALTERNATE: COMPRESSOR SHROUD HOUSING - CASTING EA 06		
13 FEB 91	CSB 12-3174	HOT LAMP ATTACHMENT KIT EA 06		
13 FEB 91	CSL A-3062 R1	INSP CONN. ROTOR AND SPLINED ADAPTER EA 06		

DRM 27035 11-97

MODIFICATION RECORD
COMPRESSOR ASSEMBLY

Compressor Serial Number [illegible] Engine Model [illegible]

Compliance Date	Bulletin or Directive No.	Title	Signature	Organization
Sept. 91	CSL A-3066 R1	N1 SHAFTING INSP. - EMB		
Sept. 91	CSL 3068	ALLISON ASSURED ENGINE - EMB, ENGINE MODIFICATIONS AS THEY APPLY TO COMP ASSY ONLY - EMB		
Sept. 91	A084-24-54122 (SIL 3-91)	INST. OTHER ROTOR SPLINED ADAPTER - EMB		
Sept. 91	DB619-12 (SIL 3-91)	N1 SHAFT RUNOUT INSPECTION - EMB		
Oct. 1993	CSL A-3062 R2	Inspection of compressor rotor and tap thread adapters		
Oct. 1993	CSL A-3065 R2	N1 shafting inspection		
Oct. 1988	CSL 3033	Increased impeller life limits		
Oct. 1998	CEB 72-3184 R1	AF/3		
May 1995	CEB 72-3200	Rework of compressor front shroud housing increased inducer bleed slot and new contour		
Mar. 1995	CSB A-3062 R4	Inspection of compressor rotor and		

FORM 2783B (1-77)

MODIFICATION RECORD
COMPRESSOR ASSEMBLY

Compressor Serial Number CAS-90223 Engine Model 250-C30S

Compliance Date	Bulletin or Directive No.	Title	Signature	Organization
19 May 1995	CSL A-3066 R2	N1 - Starting inspection.		
19 May 1995	CSL 3068 R2	Allison assured engine.		
12 Jul 97	CSB 72-3038	Shroud Nut Aluminum Galvanic Coating		
10 Jul 97	CSL A-306245	Insp. of Retro Shroud Nuts		
10 Jul 97	CSL A-306243	N1 Shaft Inspection		
Feb 13 2003	MCA 72-3038 R2	New Compressor Scroll	SAL 50 Cal	SAL-AMO-2
Feb 13 2003	CEB 72-38 R2	Engineered Turbine Compressor Scroll	SAL 50 Cal	SAL-AMO-2
Feb 13 2003	CSL-A-306245	N1 Shaft Inspection	SAL 50 Cal	SAL-AMO-2
Feb 13 2003	CSL-A-306243	Inspection Compressor Rotor Splined Adapter	SAL 50 Cal	SAL-AMO-2
May 12 2003	CSB 72-3038 R2	Engine Turbine Compressor Shaft Nut	SAL 50 Cal	SAL-AMO-2
12 Jun 2003	CSB 72-3038 R3	N1 Shaft Inspection	SAL 50 Cal	SAL-AMO-2

FORM 2783B (14-77)

MODIFICATION RECORD
COMPRESSOR ASSEMBLY

Compressor Serial Number CAC 903 28 Engine Model 2516 C350 3

Compliance Date	Bulletin or Directive No.	Title	Signature	Organization
			SAL 501 01	SAL-AMO-22-58
			SAL 501 01	SAL-AMO-22-58
			SAL 501 01	SAL-AMO-22-58
				SAL-AMO-22-58
			SAL 501 01	SAL-AMO-22-58
			SAL 501 01	SAL-AMO-22-58
			SAL 501 01	SAL-AMO-22-58
			SAL 501 01	SAL-AMO-22-58
			SAL 501 01	SAL-AMO-22-58

Ad Note Compliance and Ceb Modification Record Compressor Assembly

Rolls-Royce

Compressor Serial Number CAC-C0825 Engine Model 250-C30S

AD #	Applicable CEB #	Date / Hours @ Comp.	Method of Compliance	One Time	Recurring	Next Comp. Date / Next Comp. @ Hrs	Signature and Certificate Number
		2 Apr 08					
	Incorporate Fuel Nozzle Endcap CEB 72-3200R6, 72-3247R1,	2 Apr 08				SAL 66 QI	SAL-AMO-22-58
	72-3128R1, 72-3240R3, 72-3256R1, 72-3273R2,	23 DEC 08	INSP. COMP. ROTOR SPLINED ADAPTER		X	SAL 66 QI	SAL-AMO-22-58
	CSLA-3562R6	13740.6	FOUND EMBODIED			SAL 66 QI	SAL-AMO-22-58
	CEB 72-3059R7	23 DEC 08 13740.6	FOUND EMBODIED			SAL 66 QI	SAL-AMO-22-58
	CEB 72-317 R3	23 DEC 08 13740.6	FOUND EMBODIED			SAL 66 QI	SAL-AMO-22-58
	PMI 72-0010R5	5 JUN 09 13876.8	FOUND EMBODIED			SAL 66 QI	SAL-AMO-22-58

The following were found embodied:
AD 84-24-54R2, CEB 72-3085R2, 72-3247R2 & A-72-3108R3.

Ad Note Compliance
and
Ceb Modification Record
Compressor Assembly

Rolls-Royce

Part III
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Compressor Serial Number CAC- 90228 Engine Model 250- C30S

AD #	Applicable CEB #	Date / Hours @ Comp.	Method of Compliance	One Time	Recurring	Next Comp. Date / Next Comp. @ Hrs	Signature and Certificate Number
		01 DEC. 09 / 13972.10	**The following were found embodied:** AD 84-24-54R2, AD 85-25-08R0, CEB 72-3005R3, 72-3042R3, 72-3046R2, 72-3059R7, 72-3067R2, 72-3078R0, 72-3081R0, 72-3085R2, 72-3091R1, 72-3093R4, 72-3100R2, 72-3158R4, 72-3171R3, 72-3176R7, 72-3200R4, 72-3224R1, 72-3228R1, 72-3239R2, 72-3247R2, 72-3250R1, 72-3273R3, A-72-3108R3 & PMI B0010R5.				SAL (61 QI SAL AMO-22-5

INSPECTION — MAINTENANCE — OVERHAUL RECORD

COMPRESSOR ASSEMBLY

FORM 2784B-1 (4-79)

Compressor Serial Number CAC - 96228 Engine Model 250-C30-3

Date	Compressor Time Since OH	Compressor Time Total	Remarks	Signature	Organization
28 NOV 82	0.0	1352.6	Compressor Overhauled to CAC 96228		
SEP 1 1984	0.0	2264.2	Overhauled and 14W3 converted to C30-3 per SB 3035		
5 AUG 1986	97.2	2361.4	Engine with New Engine Assembly		
7 JAN 1986	166.8	2431.0	REPAIRED IAW ALLISON 250-C30 MAINTENANCE MANUAL OKANAGAN W/O PEW 0348.		
28 APR 1987	1174.2	3738.4	REPAIRED IAW 14W3.03 EVAS10.6		
13 Feb 91	2917.1	5181.3	REPAIRED IAW 14W3 Hot Day Enhancement K.C. INSTALLED IAW Alt. W/C EVAS9762		

Part IV
Page No. 2

INSPECTION—MAINTENANCE—OVERHAUL RECORD

COMPRESSOR ASSEMBLY

AM 2784B-1(4-79)

Compressor Serial Number CAC - 90228 Engine Model 250-C30

Date	Compressor Time Since OH	Compressor Time Total	Remarks	Signature	Organization
12-89	2786.1	24450.3	Inspected, repaired & tested per manufacturer's specifications.		

This certifies that only work requested by the customer and described on our work order listed below was accomplished & inspected in accordance with manufacturers specifications & with current Federal Aviation Administration regulations and is approved for return to service. Pertinent details of this repair are on file under:

Job No. M01948 Date Dec. 8, 1989

Signed [signature] Insp. 155425061

for Airwork Corporation (C.R.S. 3507)

Municipal Airport, Millville, New Jersey 08332

Allison

AIRWORK

Part IV
Page No. 3

INSPECTION — MAINTENANCE — OVERHAUL RECORD

COMPRESSOR ASSEMBLY

Compressor Serial Number CAC-22228 Engine Model 250-C20S

AEB C 68n-3

Date	Compressor Time Since O/H	Total	Remarks	Signature	Organization
7-17-80	2222.7	6429.9	This Compressor has been inspected externally, checked for foreign object damage and found serviceable for operation. Time to continue.		AIRWORK
S/O	1772.0				
C/O	2287		Tested per manufacturer's specification.		
Counter	5443				
			To Engine # 6-820-44P19809C.7		

Allison AIRWORK Part IV Page No. 4

INSPECTION – MAINTENANCE – OVERHAUL RECORD

COMPRESSOR ASSEMBLY

Compressor Serial Number CAE-90228 Engine Model 250-B06

EAC 4813

Date	Compressor Time Since OH	Compressor Time Total	Remarks	Signature	Organization
Oct.93	3994.3	6833.5	Compressor repaired IAW 14W3 manual		
	CSO 1525	CSN 6725	1750 hr and 3500 hr inspections		
			carried out IAW 14W2 manual. All		
			work done on DST W/O: 93-54462.		
May 95	4423.1	6687.3	Compressor repaired IAW 14W3, 1750		
	CSO 0011	CSN 7189	and 3500 hr inspections carried out		
			IAW 14W2. All work done on Aero		
			W/O: 94-15520.		
0CT 97	6152.4	7731.6	COMPRESSOR REPAIRED IAW		
CSO 1865.2	SINCE	10157	14W3, 2000 HR INSPECTION		
			WAS CARRIED OUT IAW 14W2		
			AERO W/O 97-48152		

CSO AEROSPACE

INSPECTION - MAINTENANCE - OVERHAUL RECORD
COMPRESSOR ASSEMBLY

F-2784C (5/05)

Part IV
Page No. 57

Compressor Serial Number CAC- 90228 Engine Model 250-C30

Date	Compressor Time Since OH	Compressor Time Total	Remarks	Signature and Certificate No.	Organization
Oct 13 2002	2566.4	9852.4	Compressor has been repaired for cracked scroll, 3500 hour inspection and 2000 hour inspection has been accomplished, in accordance with Rolls-Royce Model 250-C30 Overhaul Manual 14W3 2nd Ed., 8th Rev., dated October 1, 2001, CSL-A-3062 8th Rev. dated October 31, 1997 and the current maintenance rules of the Canadian Aviation Regulations. The product is serviceable and is approved for return to service in accordance with CAR 571, FAR Part 43.17 and JAR 145 (Reference JAA Acceptance Certificate No. JAA.7059). All mandatory modifications and Airworthiness Directives were complied with. All pertinent details of the work performed are on file at this organization under Work Order No. LW381586.		
	CSO 116.8	CSN 13809			
10 Oct 02	7972.0	10236.2	CSO-10733 CSN-12208		

STANDARD AERO
www.standardaero.com

33 Allen Dyne Road
Winnipeg, Manitoba
Canada R3H 1A1
Phone: 204-788-2693

COMPRESSOR CAC-90228 HAS BEEN INSPECTED FOR SERVICEABILITY.), (LESS TEST) IN ACCORDANCE WITH ROLLS ROYCE 14W3 2ND EDITION 8TH REVISION DATED 01/NOV/01 AND THE CURRENT MAINTENANCE RULES OF THE CANADIAN AVIATION REGULATIONS ALL PERTINENT DETAILS OF THE WORK PERFORMED ARE ON FILE AT THIS ORGANIZATION UNDER WORK ORDER # LW- 382290.
TSO-7972.0, TSN-10236.2, CSO-10733, CSN-12208.

INSPECTION - MAINTENANCE - OVERHAUL RECORD
COMPRESSOR ASSEMBLY

F-2784C (5/95)

Part IV
Page No. 6

Compressor Serial Number CAC-10228 Engine Model 250-C30

Date	Compressor Time Since OH	Compressor Time Total	Remarks	Signature and Certificate No.	Organization
Nov 6 2003	3410.3	10580.4			
	10580.4	13990.7			
					SAI-AMO-22-50
					SAI 501 Q1

STANDARD AERO
www.standardaero.com

33 Allen Dyne Road
Winnipeg, Manitoba
Canada R3H 1A1
Phone: 204-788-2693

Compressor has been repaired for stalling and tested in accordance with Rolls-Royce Model 250-C30 Overhaul Manual 14W3 2nd Ed., 9th Rev., dated March 1, 2003, and the current maintenance rules of the Canadian Aviation Regulations. The following major parts were replaced: Impeller, Splined Adapter, Spur Adapter Gearshaft and Compressor Shroud. The compressor is serviceable and is released for return to service in compliance with CAR 571, FAR Part 43.17 and JAR 145 (Reference JAA Acceptance Certificate No. JAA.7059). All mandatory modifications and Airworthiness Directives were complied with. All mandatory modifications and Airworthiness Directives were complied with. All pertinent details of the work performed are on file at this organization under Work Order No. LW468716.

Nov 6/03

Inspection - Maintenance - Overhaul Record
Compressor Assembly

Rolls-Royce

Part IV
Page No. 7

Compressor Serial Number CAC- 90228 Engine Model 250-C30S

Date	Compressor Time		Remarks	Signature and Certificate No.	Organization
	Since OH	Total			
FEB 11,2005	8981.6	11145.8			
	CSO: 12727	CSN: 14202			
			STANDARD AERO www.standardaero.com 33 Allen Dyne Road Winnipeg, Manitoba Canada R3H 1A1 Phone: 204-788-2693 Compressor has been repaired for metal in oil, 2000 Hour spline inspection and tested in accordance with Rolls-Royce Model 250-C30 Overhaul Manual 14W3 2nd Ed., 10th Rev., dated March 15 2004, CSL-A-3062 6th Rev, dated October 31, 1997 and the current maintenance rules of the Canadian Aviation Regulations. The following major parts were replaced: impeller, and bearing. The compressor is approved for return to service in compliance with CAR 571, FAR Part 43.17, and EASA Part-145 (reference EASA Acceptance Certificate EASA.145.7059. All pertinent details of the work performed are on file at this organization under Work Order No. LW542311.	SAL-AMO-22-58 S.A.L. 501 Q.I. DUANE ZOERNIAK	

784C (12/98)

Inspection - Maintenance - Overhaul Record
Compressor Assembly

Rolls-Royce

Part IV
Page No. 8

Compressor Serial Number CAC-90228 Engine Model 250-C30S

Date	Compressor Time		Remarks	Signature and Certificate No.	Organization
	Since OH	Total			
Nov 25/05	9493.4 CSO 13897	11757.6 CSN 15352	STANDARD AERO www.standardaero.com 33 Allen Dyne Road Winnipeg, Manitoba Canada R3H 1A1 Phone: 204-788-2693 Compressor Assembly has been repaired for high oil temperatures, low power and tested in accordance with Rolls Royce 250-C30 Overhaul Manual 14W3, 2nd Ed 11th Rev., dated April 1, 2005. The following major parts were replaced: spur adapter gearshaft. The product is approved for return to service. All mandatory modifications and Airworthiness Directives were complied with. All pertinent details of the work performed are on file at this organization under w/o LW571494.	SAL 303 QI SAL-AMO-22-68 LORNA RICHARD	

Inspection - Maintenance - Overhaul Record
Compressor Assembly

Rolls-Royce

Compressor Serial Number CAC- 90228 Engine Model 250- C30S

Date	Compressor Time		Remarks	Signature and Certificate No.	Organization
	Since OH	Total			
Nov.06	10275.2	12539.4			
	CSO: 15746	CSN: 17221			
					SAL 661 QI
					SAL-AMO-22-58
					Rebecca Perrault
					REBECCA PERRAULT

STANDARD AERO
www.standardaero.com

33 Allen Dyne Road
Winnipeg, Manitoba
Canada R3H 1A1
Phone: 204-788-2693

Compressor Assembly p/n 23051643 s/n CAC90228 has had a 2000 hr spline inspection performed iaw CSL-A-3062R6 & CSL-A-3066R5; remainder had an external visual serviceability inspection and tested in accordance with Rolls Royce 250-C30 Overhaul Manual 14W3 2nd Ed. 12th Rev. Dated 01/04/06, Maintenance Manual 14W2 6th Ed. 12th Rev. Dated 15/11/05 and the current maintenance rules of the Canadian Aviation Regulations. The following major parts were replaced: Splined Adapter & Spur Adapter Gearshaft Assy. **The product is released serviceable for return to service.** All pertinent details of work performed are on file at this organization under Work Order LW624315.

Inspection - Maintenance - Overhaul Record
Compressor Assembly

Rolls-Royce

Part IV
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Compressor Serial Number CAC-90228 Engine Model 250-C30G

Date	Compressor Time		Remarks	Signature and Certificate No.	Organization
	Since OH	Total			
MAY 05 2008	11147.0	13411.2	StandardAero www.standardaero.com 33 Allen Dyne Road Winnipeg, Manitoba Canada R3H 1A1 Phone: 204-788-2693 Compressor Assembly p/n 23051643 s/n CAC90228 has had an external visual serviceability inspection in accordance with Rolls Royce 250- C30 Operations & Maintenance Manual 6th Ed. 14th Rev. Dated 15/11/07. The product is released serviceable for return to service, on a time continued basis, subject to satisfactory functional test results following installation in the airframe. All pertinent details of the work performed are on file at this organization under Work Order LW696864.	SAL-AMO-22-58 ROGER CERVANTES	SAL 1175 QI
	CSO: 17822	CSN: 19297			
MAY 07 2008	11147.0	13411.2	StandardAero www.standardaero.com 33 Allen Dyne Road Winnipeg, Manitoba Canada R3H 1A1 Phone: 204-788-2693 Compressor Assembly p/n 23051643 s/n CAC90228 has been installed and tested in accordance with Rolls Royce 250-C30 Overhaul Manual 14W3 2nd Ed. 13th Rev. Dated 01/04/07. The product is released serviceable for return to service. All pertinent details of the work performed are on file at this organization under Work Order LW696863.	SAL-AMO-22-58 ROGER CERVANTES	SAL 1175 QI
	CSO: 17822	CSN: 19297			

Inspection - Maintenance - Overhaul Record
Compressor Assembly

Rolls-Royce

Part IV
Page No. 11

Compressor Serial Number CAC- 90228 Engine Model 250- C30S

Date	Compressor Time		Remarks	Signature and Certificate No.	Organization
	Since OH	Total			
8 DEC. 08	11476.4	13740.6			
	CSO: 18711	CSN: 20186			SAL 661 QI
					SAL-AMO-22-58
					Rebecca Perrault
					REBECCA PERRAULT

StandardAero
www.standardaero.com

33 Allen Dyne Road
Winnipeg, Manitoba
Canada R3H 1A1
Phone: 204-788-2693

Compressor Assembly p/n 23051643 s/n CAC-90228 has had a 2000 hr spline inspection performed iaw CSL-A-3062R6; remainder had an external visual serviceability inspection in accordance with Rolls Royce 250-C30 Overhaul Manual 14W3 2nd Ed. 14th Rev. Dated 01/04/08. The following major parts were replaced: Splined Adapter, Spur Adapter Gearshaft & (1) Spanner Nut. **The product is released serviceable for return to service, on a time continued basis, subject to satisfactory functional test results following installation in the airframe.** All pertinent details of work performed are on file at this organization under Work Order LW725533.

784C (12/98)

Inspection - Maintenance - Overhaul Record
Compressor Assembly

Rolls-Royce

Part IV
Page No. 12

Compressor Serial Number CAC-90228 Engine Model 250-C30S

Date	Compressor Time Since OH	Compressor Time Total	Remarks	Signature and Certificate No.	Organization
22 DEC 08	11476.4	13740.6			
	CSO: 18711	CSN: 20186			
			StandardAero www.standardaero.com 33 Allen Dyne Road Winnipeg, Manitoba Canada R3H 1A1 Phone: 204-788-2693 Compressor Assembly p/n 23051643 s/n CAC-90228 has been installed onto engine s/n CAE-890807 & tested in accordance with Rolls Royce 250-C30 Overhaul Manual 14W3 2nd Ed. 14th Rev. Dated 01/04/08. **The product is released serviceable for return to service, on a time continued basis.** All pertinent details of work performed are on file at this organization under Work Order LW725522.	SAL 661 QI SAL-AMO-22-58 Rebecca Perrault REBECCA PERRAULT
5 JUN 09	11612.6	13876.8			
	CSO: ~~20577~~ 19102	CSN: ~~19102~~ 20577			
			StandardAero www.standardaero.com 33 Allen Dyne Road Winnipeg, Manitoba Canada R3H 1A1 Phone: 204-788-2693 Compressor Assembly p/n 23051643 s/n CAC-90228 has had an external visual serviceability inspection performed & tested in accordance with Rolls Royce 250-C30 Overhaul Manual 14W3 2nd Ed. 15th Rev. Dated 01/04/09 & Maintenance Manual 14W2 6th Ed. 15th Rev. Dated 15/11/08. **The product is released serviceable for return to service, on a time continued basis.** All pertinent details of work performed are on file at this organization under Work Order LW727058.	SAL 661 QI SAL-AMO-22-58 Rebecca Perrault REBECCA PERRAULT

Inspection - Maintenance - Overhaul Record
Compressor Assembly

Rolls-Royce

Compressor Serial Number CAC-90228 Engine Model 250-C30S

Date	Compressor Time Since OH	Compressor Time Total	Remarks	Signature and Certificate No.	Organization
JAN 10	11708.4 CSO: 19439	13992.6 CSN: 20914	StandardAero www.standardaero.com 33 Allen Dyne Road Winnipeg, Manitoba Canada R3H 1A1 Phone: 204-788-2693 Compressor Assembly p/n 23051643 s/n CAC-90228 has had an external visual serviceability inspection performed & tested in accordance with Rolls Royce 250-C30 Overhaul Manual 14W3 2nd Ed. 15th Rev. Dated 01/04/09 & Maintenance Manual 14W2 6th Ed. 15th Rev. Dated 15/11/08. **The product is released serviceable for return to service, on a time continued basis.** All pertinent details of work performed are on file at this organization under Work Order LW759960.		SAL 661 QI
				SAL-AMO-22-58 Rebecca Perrault REBECCA PERRAULT	
JAN 2010	11708.4 CSO: 19439	13992.6 CSN: 20914	RECEIVED ON CHL AS 527084		CHL 1679

4C (12/98)

FORM 2785B (11-77)

ASSEMBLY RECORD
COMPRESSOR ASSEMBLY

Part V
Page No. 1

Compressor Serial Number CAC - 90228

Engine Model 250-C30P

Nomenclature	Part Number	Serial Number	INSTALLED Date	INSTALLED Comp. Total Time	INSTALLED This Item Cycles	REMOVED Date	REMOVED Comp. Total Time	REMOVED This Item Cycles	Reason
ROTOR	6898585	15819	10-27-79	0.0	0.0				
IMPELLER	6896890	LP50737	"	0.0	0.0	28 MAY 82	1302.6	1302.6 818	O/H
IMPELLER	6896890	LP50737	28 MAY 82	1302.6	818	13 JAN 83	1357.7	1357.7 855	O/H
IMPELLER	6896890	LP50737	13 JAN 83	1357.7	855	30 JUN 83	2264.2	2264.2 1472	mod. kit
IMPELLER	6899245	LP50737	30 JUN 83	2264.2	1472	4 JUN 84	2431.0	2431.0 1639	
IMPELLER	6899245	LP48592	4 JUN 84	2431.0	1639	20 JUL 84	2535.4	2535.4 1743	TWIB
IMPELLER	6899245	LP48592	20 JUL 84	2535.4	1743	10 SEP 84	2543.6	2543.6 1751	FOD
IMPELLER	6899245	LP48592	10 SEP 84	2543.6	1751	1 DEC 84	2616.6	2616.6 1824	FOD

FORM 2785B (11-77)

ASSEMBLY RECORD
COMPRESSOR ASSEMBLY

Compressor Serial Number CAC - 9228 Engine Model 250-C30S

Nomenclature	Part Number	Serial Number	INSTALLED Date	INSTALLED Comp. Total Time	INSTALLED This Item Cycles	REMOVED Date	REMOVED Comp. Total Time	REMOVED This Item Cycles	Reason
Compressor	23073765	10394	Oct 31 2003	10,000.7	10,000				
Impeller	23073765	10394	Oct 31 2003	6,259.7	6,259	Jan 14 2005	7,262.2	7,263	
Impeller	23073765	10394	Oct 31 2003	10,693.7	10,693		11,695.8	9,695.4	
Impeller	23073765	10394	Oct 31 2003	11,308.9	11,309	Jan 14 2005	12,309.2	11,309.3	
Impeller	23073765	10394	Oct 31 2003	10,680.7	10,681		11,681.8	10,681.4	
Impeller	23073765	10394	Oct 31 2003	11,308.9	11,309	Jan 14 2005	12,309.2	11,309.3	
Impeller	23073765	10394	Oct 31 2003	9,444.8	9,445				
Impeller	23073765	10394	Oct 31 2003	10,422.8	10,423				
Impeller	23073765	10394	Oct 31 2003	10,422.8	10,423		11,423.1	10,423.4	
Impeller	23073765	10394	Oct 31 2003	11,040.8	11,041	Jan 14 2005	12,042.1	11,042.2	
Impeller	23073765	10394	Oct 31 2003	11,040.8	11,041		11,739.6	10,741.4	
Impeller	23073765	10394	Oct 31 2003	11,040.8	11,041	Jan 14 2005	12,042.1	11,042.2	
Impeller	23073765	10394	Oct 31 2003	11,376.6	11,377		12,377.6	11,377.8	
Impeller	23073765	10394	Oct 31 2003	11,376.6	11,377	Jan 14 2005	12,377.6	11,377.8	
Impeller	23073765	10394	Oct 31 2003	11,376.6	11,377				
Impeller	23073765	10394	Oct 31 2003	11,376.6	11,377				

ASSEMBLY RECORD
COMPRESSOR ASSEMBLY

Rolls-Royce

Compressor Serial Number CAC-90228 **Engine Model** 250-C20S

Nomenclature	Part Number / Serial Number	INSTALLED Date	INSTALLED Compressor TT CYCLES	INSTALLED Component TT CYCLES	REMOVED Date	REMOVED Compressor TT CYCLES	REMOVED Component TT CYCLES
	23051117-1		13740.6	0.0			
SPLINED ADAPTER	GK521641	18 DEC.08	20186	0			
SPUR ADAPTER	23073520		13740.6	0.0			
GEARSHAFT	UG40027	18 DEC.08	20186	0			

FORM 9487-1(4-79)

CYCLE RECORD
COMPRESSOR ASSEMBLY

(Refer to Life Limiting CSD)

Part VI
Page No. 1

Compressor Serial Number CAC - 90228 Engine Model 250-C30-

Installed				Do Not Exceed	Removed		
Date	Owner	Eng. S/N	Cycle Counter Reading	Cycle Counter Reading	Date	Cycle Counter Reading	Cycles Since Installation
10-27-79		890222	0		MAY 82	818	818
8 MAY 82	Chromalloy Inc.	890222	10	12482	22 OCT 82	47	47
22 NOV 82	OKANAGAN	890222	47		AUG 84	657	610
SEP 84	OKAN (CHGT)	890245	0	13525	JUL 85	23	23
APR 85	OKAN GIMBAL	890245	23	13525	FEB 86	150	127
JUL 86	OKAN GIMBAL	CAE890245	1150	cyc-ref 13573	NOV 87	1348	198
6 JUL 88	OKAN GIMBAL	890205	1983	3749 (SCREW) 1318	14484	3027	1044
12/18/89	OKAN N348AA	890205	24668	14484	03/19/89	4782	1755
31 OCT 90	AIR METHODS N37644	890205	4752	SCREW 1084	P/27/90	5962	1180
11 FEB 91	AIR METHODS N37644	890205	4752	OVERHAUL 1014	11/1/90	5962	1210
26 NOV 93	CHC GIMBAL	890565	4752	11337	31-7-93	CSN 8726	1663
6-1-95	CHC GIMBAL	890565	8013	CSN 13476	3511 94	13786	1663
				2-12-61			

FORM 918741 (4-79)

CYCLE RECORD
COMPRESSOR ASSEMBLY

(Refer to Life Limiting CSL)

Part VI
Page No. 2

mpressor Serial Number CAC - 90228

Engine Model 250-C30S

MB

	Installed					Removed		
ate	Owner	Eng S/N	Cycle Counter Reading	Do Not Exceed Cycle Counter Reading	Date	Cycle Counter Reading	Cycles This Installation	
[illegible]	AF 95698 CHC CGMVE1	8902686	7768	CYC REM 10087 17314	AF 11109.5 23JUL01	9832	2564 / CSN [illegible] CSO [illegible]	10730 ~~10721~~ 9275
[illegible]	AF 67953 CHC CGMZ	CAE 8901241	9212	CYC REM 12483 21700	[illegible] 02	9789	572 / CSN [illegible] CSO [illegible]	11392
[illegible]	AF 5733.1 CHC CGEMA	CAE 8903345	8871	CYC REM 13882 22753	AF 9314.5 23AUG02	9725	854 / CSN 12176 CSO 10701	7847
[illegible]				(CSA)		LOG ERROR	CSN [illegible] CSO [illegible]	76
[illegible]	AF 9400 CHC CGMA	CAE 8903242	12652	CYC REM [illegible] [illegible]	AF 9852.0 23SEP03	AF CYC 11465	913 / CSN 8089 CSO 11614	10701
				CYC REM [illegible]				
[illegible]	[illegible]	CAE [illegible]	AF CYC 5105	CYC REM 25400 37045	AF [illegible] [illegible]	AF CYC 618	1113 / CSN 17202 CSO 15727	
[illegible]	AF [illegible] [illegible]	CAE 890254	AF CYC 13613	CYC REM [illegible] [illegible]	AF [illegible] [illegible]	AF CYC 19763	1150 / CSN 15352 CSO [illegible]	
[illegible]	AF [illegible] [illegible]	CAE [illegible]	AF CYC [illegible]	CYC REM 13350 [illegible]	AF [illegible] [illegible]	AF CYC [illegible]	1469 / CSN 17227 CSO 15746	
[illegible]	[illegible]	CAE [illegible]	[illegible]	[illegible]	[illegible]		2016 / CSN [illegible] CSO 17822	
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			CSN [illegible]	
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]		884 / CSO [illegible]	
[illegible]	[illegible]	[illegible]			[illegible]		CSO 20577	

CYCLE RECORD
COMPRESSOR ASSEMBLY

F-9367 (6/95)

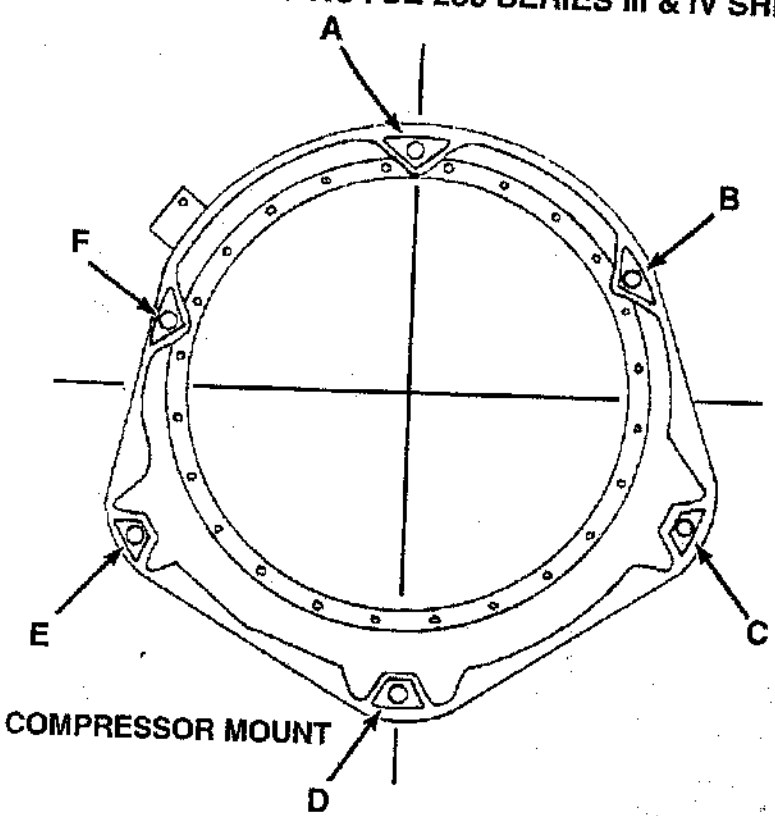
Part VI
Page No. 3

Compressor Serial Number CAC 900226 Engine Model 250-C20B

Aircraft S/N / Engine S/N	INSTALLED Date	Compressor TT	Cycle Count Current Cycles / Cycle Limit	Engine CYCLES at Installation	REMOVED Date	Compresor TT	Cycle Count Current Cycles / Cycle Limit	Engine CYCLES at Removal
			00003:19:02				00004:19459	
CAE 890204	4 FEB 09	13834.5	00004:20534	20719	19 NOV 09	13972.6	00004:20914	21056
			00004:19459					
CAE 890204	4 SEP 13	39726	00004:20914	21056				

ROLLS-ROYCE 250 SERIES III & IV SHIM NOTICE

STANDARD AERO



Shim Position	Total Shim Thickness
A	.004
B	.004
C	.008
D	.000
E	.008
F	.002

Date	02 APR 08
SAL W/O	LW696864
Compressor S/N	CAC90228

FORM 2782 C

SERVICE RECORD
GEARBOX ASSEMBLY

Part I
Page No. 2

Gearbox Serial Number CAG 90514S Engine Model 250-C30S

INSTALLED					REMOVED			
			Gearbox Time			Gearbox Time		
Date	Owner	A/C or Eng. S/N	Since OH	Total	Date	Since OH	Total	Reason
08NOV03 Oct 7, 2003	A/F 9902.7 #1 CHL CGEMA	CAE 890807S	6190.3	10563.5	A/F 10497.7 05MAY05	6785.3	11158.5	W/ENG CAE-890807S
12MAY05	A/F 11718.3 #1 CHL CGEMR	760079 CAE-890807S	6785.3	11158.5	A/F 12420.6 10DEC05	7349.6	11720.8	W/ENGINE CAE-890807S
17FEB06 Feb 9/06	A/F 11429.7 #1 CHL CGEMB	CAE890807	7347.6	11720.8	A/F 11548.2 05MAY06	7466.1	11839.3	W/ENGINE CAE-890807S
05MAY06	A/F 8162.1 #2 CHL CGEMW	CAE-890807S	7466.1	11839.3	05JUL07	8168.1	12541.3	WITH ENGINE CAE-890807S
19OCT.07	CHL	CAE 890807	8168.1	12541.3	21NOV08	8701.9	13075.1	W/ENG CAE-890807S
22DEC.08	CHL	CAE-890807	8701.9	13075.1	30APR.09	8838.1	13211.3	FLUCTUATING OIL PRESSURE
14MAY.09	CHL	CAE-890807	8838.1	13211.3	19NOV.09	8933.8	13307.0	OIL PRESSURE FLUCTUATIONS
4JAN.10	CHL	CAE-890807	8933.8	13307.0				

RM 2782C (BACK)

TRANSFER RECORD

Part II
Page No. 2

SHIPPED					RECEIVED	
			Gearbox Time			
Date	From	To	Since OH	Total	Date	By
3.10.88	H+S Aviation	Wiking	197:10	4570:05	Oct.05.88	W.Ling
9-9-89	Wiking	Okanagan, Canada	335:05	4708:00		

SERVICE RECORD
GEARBOX ASSEMBLY

Part I
Page No. 1

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

Gearbox Serial Number CAG - 90514 S
07x01x07 P/N 23008586 MF

Engine Model 250- C30 S
16JAA103 2303 517.9 ME

INSTALLED					REMOVED			
			Gearbox Time			Gearbox Time		
Date	Owner	A/C or Eng. S/N	Since OH	Total	Date	Since OH	Total	Reason
4-26-81	Wiking	890511	NEW	0.0	17.3.88	1489:15	4372:55	Overhaul
20.6.88	Wiking	890511	Nil	4372:55	25/8/88	197:10	4570:05	
26/10/88			197:10	4570:05	14/11/88	211 50	4584:45	
7/12/88			211:50	4584:45	6/2/89	335:05	4708:00	
24.12.89	GIMJ#2 A/F 7528.3	890511	335.1	4708.0	15/05/92	5473.9	1101.0	With engine
12.07.92	GIMJ*2(CHC)	890511S	5473.9	1101.0	6.7.93	1479.8	5852.7	WITH ENGINE COMPRESSOR F.O.D.
15.9.93	GIMJ#2	890511S	5852.7	1479.8	9-11-93	1554.4	5927.3	WITH ENGINE MAKING METAL
21.5.94	CHE-GIME#2	890511S	1554.4	5927.3	20.2.95	1949.5	6322.4	WITH ASSEMBLY
20.2.95	CHE-GIMZ#1	890511S	1949.5	6322.4	6MAR97	3037.3	7410.2	WITH ASSY
3.JUN97	CHE GGIMR*1	890511S	3037.3	7410.2	28JUN99	4326.2	8699.1	With eng
18APR00	M/F 12781.0 CHE CF58H #1	890511S	4326.2	8699.1	M/F 14386.1 24OCT02	5831.3	10204.2	w/eng CAE-890511S
23JAN03 Jan/6 2003	M/F 14386.1 CHE CF58H #2	CAE 890511S	5831.3	10204.2	M/F 11482.0 16FEB03	5845.3	10218.5	w/eng CHE-890511S
6MAR03	M/F 20.6	CHE 890807	5845.3	10218.5	M/F 6360.8	6190.3	10563.5	w/eng CAE-890511S

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

TRANSFER RECORD

Part II
Page No. 1

Gearbox Serial Number CAG - 90514 S Engine Model 250-C30S

SHIPPED					RECEIVED	
			Gearbox Time			
Date	From	To	Since OH	Total	Date	By
4-26-81	DDA-GMC SIKORSKY AIRCRAFT		NEW	0.0	3/5/81	Sikorsky Acft.
8/21/81	SIKORSKY	WIKING HANTS AND SUSSEX AVIATION LTD.	NEW	3.6	10/01/81	Wiking
May 2-83	Wiking HANTS AND SUSSEX AVIATION LTD.		New	997.45	6.5.83	HANTS AND SUSSEX AVIATION LTD.
28.6.83	HANTS AND SUSSEX AVIATION LTD.	Wiking	New	997.45	July. 1. 83	Wiking Helikopter Serv.
Feb. 29-84	Wiking	Hants + Sussex	New	1490:50		
4-4-84	H & S	Wiking	Nil	1490:50	April 10-84	Wiking Helik. Serv.
Dec 18-84	Wiking HANTS AND SUSSEX AVIATION LTD.	Hants + Sussex	~~424:35~~ 421:36 ~~431:35~~	~~1922:25~~ 1918:25 ~~1922:25~~	20.12.84	HANTS AND SUSSEX AVIATION LTD.
7.2.85		Wiking	431:35	1922:25	11.02.85	W.Wing
18 March 86	Wiking HANTS AND SUSSEX AVIATION LTD.	Hants + Sussex	1392:50	2883:40		
28.5.86		WIKING	NIL	2883:40	30th May, 86	Wiking Helikopter Service
4th.04.88	Wiking	Hants + Sussex	1489:15	4372:55	17.5.88	H+S AVIATION
20.6.88	H+S AVIATION	WIKING	NIL	4372:55	29.06.88	Wiking
06.09.88	Wiking	H+S Aviation	197:10	4570:05	9.9.88	H+S AVIATION

FORM 2783C-1(4-79)

MODIFICATION RECORD
GEARBOX ASSEMBLY

Gearbox Serial Number CAG - 90514 S Engine Model 250-C30 S

Compliance Date	Bulletin or Directive No.	Title	Signature	Organization
1 April 1982	CEB-72-3060	Replacem. of magn. Plugs	W. Michel	Wilkie Hallikay Service
28.6.83	CEB-72-3054	Scavenge oil transfer tube-Replace by tube incp.mesh screen.		HANTS AND SUS AVIATION LTD
"	CEB-72-3055	Inspect oil delivery tube for burrs		HANTS AND SUS AVIATION LTD
	CEB-72-3059	Modify to No.2½ Brg.configuration.		HANTS AND SUS AVIATION LTD
"	CEB-72-3089	New bushing for oil check valve.		HANTS AND SUS AVIATION LTD
"	CEB-72-3097	Scavenge oil pump cover assy.Add Loctite to gearshafts.		HANTS AND SUS AVIATION LTD
4-4-84	CEB 72-3033	Scav. ports helical coil inserts		H & S
"	CEB 72-3043	Enlarged gear access aperture		"
"	CEB 72-3066	Flight approved covers		"
"	CEB 72-3073	Replace no. 2½ brg.cage studs		"

ORM 2783C-1(4-79)

MODIFICATION RECORD
GEARBOX ASSEMBLY

Gearbox Serial Number CAG -90514 S Engine Model 250- C30 S

Compliance Date	Bulletin or Directive No.	Title	Signature	Organization
4-4-84	CEB 72-3074	Oil pump attachment bolts change		H & S
"	CEB 72-3077	Trans. tube ports modify		"
"	CEB 72-3095	New 26 tooth idler gear bearings		"
"	CEB 72-3104	Marlin rockwell bearings inspect		"
April-85	CEB-A-72-3098	Magnetic Plugs, replacement of		WIKING HELICOPTER SERVICE INSPECTION DEPARTMENT
28.5.86	CEB 72-3086	OIL PRESS. JET - ADD SECOND JET HOLE		
28.5.86	CEB 72-3145	GBox Cover Rework FOR NEW F.C.U AND OIL PUMP GEARSHAFT.		
10.6.88	CEB 72-3059R4	Modify No. 2½ bearing configuration.		
"	CEB 72-3104R1	Marlin Rockwell bearing; inspect separator.	HSA 24 QA	
"	CEB 72-3121R1	Improved through bolt attachment arrangement for the idler gear.		H + S AVIATION LTD.

FORM 2783.C

MODIFICATION RECORD
GEARBOX ASSEMBLY

Gearbox Serial Number CAG 90514 Engine Model 250-C30S

Compliance Date	Bulletin or Directive No.	Title	Signature	Organization
20.6888	CEB 72-3123R1	Oil transfer tubes; replace. Flanged	H.S.A. 24 Q.A.	
		bushing; install.		
"	CEB 72-3069	Embodied by previous embodiment of		
		CEB 72-3043 to Revision 2 standard.		H + S AVIATION LTD
"	CEB 72-3095R1	Gearbox idler gearshaft bearings;		
		replace - found embodied.		
"	DIL 177	Inspection of gearshaft.		
11 DEC '89	CEB 72-3157	INSTL. OF NEW 3-4 POWER BRGS. EMB.		
11 DEC '89	CEB 72-3002, 3003, 3006, 3008, 3009, 3012, 3013, 3016, 3017, 3020			
11 DEC '89	3022, 3029, 3034, 3039, 3045, 3050, 3063, 3067 F/E.			
17 June 1992	CEB 72-3158 R2	No.5 labyrinth seal-modification.		
17 June 1992	CEB 72-3075R1, 72-3154R2 F/E on 92-01827			
24 Jan. 1994	CEB 72-3167R1	Torquemeter gearshaft bore-add chamfer.		
17 Jan. 2000	CEB 72-3206	Gearbox cover, rework.		

MODIFICATION RECORD
GEARBOX ASSEMBLY

FORM 2783C (BACK)

Compliance Date	Bulletin or Directive No.	Title	Signature	Organization
Jan. 2000	CEB A-72-3217 R2	Improved #3 & 4 bearings-install.	[signature]	231-01 3CA T-15 AERO
MAR 2 0 2003	AD 84-24-54	FOUND EMBODIED	SAL 303 QI	SAL-AMO-22-58
2000/02	CEB 72-3126R2	Found Embodied	SAL 303 QI	SAL-AMO-22-58
OCT 1 9 2007	CEB 72-3152 R5	INSTALL INCREASED CAPACITY OIL PUMP	SAL 661 QI	SAL-AMO-22-58
OCT 1 9 2007	CEB 72-3182 R1	RWK TO ADD NEW SCAVENGE OIL PICKUP TUBE & SPLIT LINE MOD.	SAL 661 QI	SAL-AMO-22-58
OCT 1 9 2007	CEB 72-3212 R4	OIL DELIVERY TUBE-IMPROVED TARGETING (PARA. 2.B)	SAL 661 QI	SAL-AMO-22-58
OCT 1 9 2007	CEB 72-3270	REPLACE BREATHER GEAR SEAL	SAL 661 QI	SAL-AMO-22-58
OCT 1 9 2007	CEB 72-3271	RELEASE NEW CENTRIFUGAL BREATHER GEARSHAFT	SAL 661 QI	SAL-AMO-22-58
DEC 0 2 2008	AD 85-06-51	FOUND EMBODIED	SAL 1175 QI	SAL-AMO-22-58
DEC 0 2 2008	CEB 72-3158R4	72-3226R1 FOUND EMBODIED	SAL 1175 QI	SAL-AMO-22-58
DEC 0 2 2008	CEB 72-3212 R4	GEARBOX ASSY. OIL DELIVERY TUBE TARGETING.	SAL 1175 QI	SAL-AMO-22-58
DEC 0 2 2008	CEB 72-3260	RELEASE OF REWORK & REIDENTIFIED LIP SEALS	SAL 1175 QI	SAL-AMO-22-58
DEC 0 2 2008	CEB 72-3270	REPLACEMENT OF BREATHER GEAR SEAL	SAL 1175 QI	SAL-AMO-22-58
JUN 0 5 2009	CEL 3213 R0	OIL FILTER CAP	SAL 661 QI	SAL-AMO-22-58
JUN 0 5 2009	CEB 72-3097 R0	OIL PUMP GEARSHAFT - LOCTITE	SAL 661 QI	SAL-AMO-22-58
JUN 0 5 2009	CEB 72-3212 R4	OIL DELIVERY TUBE-IMPROVED TARGETING (PART 2.B. ONLY)	SAL 661 QI	SAL-AMO-22-58

Ad Note Compliance
and
Ceb Modification Record
Gearbox Assembly

Rolls-Royce

Gearbox Serial Number CAG- 90514 Engine Model 250- C30S

AD #	Applicable CEB #	Date / Hours @ Comp.	Method of Compliance	One Time	Recurring	Next Comp. Date / Next Comp. @ Hrs	Signature and Certificate Number
	CEB 72-3270R0	5 JUN 09 13211.3	REPLACE BREATHER GEAR SEAL				SAL 661 QI SAL-AMO-22-58
		5 JUN 09 13211.3	**The following were found embodied:** AD 85-06-51R0, CEB 72-3066R2, 72-3067R2, 72-3069R0, 72-3073R2, 72-3074R1, 72-3075R1, 72-3089R2, 72-3095R1, 72-3104R1, 72-3121R2, 72-3123R2, 72-3126R3, 72-3145R1, 72-3152R5, 72-3154R4, 72-3158R4, 72-3167R1, 72-3271R0, A-72-3098R6 & A-72-3217R4.				SAL 661 QI SAL-AMO-22-58
	CEB 72-3213R0	13 JAN.10 13307.0	OIL FILTER CAP	X			SAL 661 QI SAL-AMO-22-58
	CEB 72-3212R4	13 JAN.10 13307.0	OIL DELIVERY TUBE - IMPROVED TARGETING	X			SAL 661 QI SAL-AMO-22-58
		13 JAN.10 13307.0	**The following were found embodied:** AD 84-24-54R2, CEB 72-3013R4, 72-3017R3, 72-3043R2, 72-3059R7, 72-3066R2, 72-3067R2, 72-3069R0, 72-3073R2, 72-3074R1, 72-3075R1, 72-3077R0, 72-3086R0, 72-3089R2, 72-3095R1, 72-3097R0, 72-3104R1, 72-3121R2, 72-3123R2, 72-3126R3, 72-3145R1, 72-3152R5, 72-3154R4, 72-3157R4, 72-3158R4, 72-3167R1, 72-3182R1, 72-3193R3, 72-3206R0, 72-3226R1, 72-3260R0, 72-3270R0, 72-3271R0 & A-72-3217R4.				SAL 661 QI SAL-AMO-22-58

INSPECTION—MAINTENANCE—OVERHAUL RECORD

GEARBOX ASSEMBLY

FORM 2784C-1(4-79)

Gearbox Serial Number CAG - 90514 S Engine Model 250-C30 S

Date	Gearbox Time Since OH	Gearbox Time Total	Remarks	Signature	Organization
28.6.83	New	997.45	G/Box.repaired & released tested.		HANTS AND SUSSEX AVIATION LTD.
4-4-84	Nil	1490:50	Gearbox overhauled & converted to		H & S
			C30 S spec. & tested.		
7.2.85	431:35	1922:25	G/Box. Tested.	H.S.A. 7 Q.A.	HANTS AND SUSSEX AVIATION LTD.
28.5.86	NIL	2883:40	GEARBOX OVERHAULED AND TESTED.		HANTS AND SUSSEX AVIATION LTD.
20.6.88	Nil	4372:55	Gearbox overhauled and released	H.S.A. 24 Q.A.	H + S AVIATION LTD.
			tested.		
3.10.88	197:10	4570:05	Gearbox tested.	Q.A.	H + S AVIATION LTD.
11 DEC '89	335.1	4708.0	Repaired IAW 14W3 by CHL EV26185 +		9-58 14 409 CHL
			Reinstalled onto CAE 890511$		

INSPECTION — MAINTENANCE — OVERHAUL RECORD
GEARBOX ASSEMBLY

FORM 2784C-1(4-79)

Gearbox Serial Number CAG - 90514 Engine Model 250-C30

Date	Gearbox Time Since OH	Gearbox Time Total	Remarks	Signature	Organization
17/06/92	1101.0	5473.9	Gearbox assembly inspected and modified IAW 14W3 manual on CGT W/O# 92-01827.		CANADIAN GAS TURBINES
24 Jan.94	1554.4	5927.3	Gearbox assembly repaired IAW 14W3 manual on CGT W/O# 93-06730.		CANADIAN GAS TURBINES
7 May 97	3037.3	7410.2	Gearbox external inspection carried out IAW 14W2 on ACRO W/O# 97-47253.		
7 Jan.2000	4326.2	8699.1	Gearbox repaired IAW 14W3, 3500 hour (on condition)inspection carried out IAW 14W2 on ACRO Aerospace W/O# 99-79540.		ACRO AEROSPACE INC.

Allison

F-2784B (5/95)

INSPECTION - MAINTENANCE - OVERHAUL RECORD
GEARBOX ASSEMBLY

Part IV
Page No. 3

Gearbox Serial Number CAG- 90514 Engine Model 250- C30

Date	Gearbox Time		Remarks	Signature and Certificate No.	Organization
	Since OH	Total			
Jan 16, 2003	583.3	10204.2	STANDARD AERO www.standardaero.com 33 Allen Dyne Road Winnipeg, Manitoba Canada R3H 1A1 Phone: 204-786-2693 Gearbox has been given an external visual serviceability inspection in accordance with Rolls-Royce Model 250-C30 Operation and Maintenance Manual 14W2 6th Ed., 8th Rev., dated November 1, 2001 and the current maintenance rules of the Canadian Aviation Regulations. The gearbox is serviceable and is approved for return to service in accordance with CAR 571, FAR Part 43.17 and JAR 145 (Reference JAA Acceptance Certificate No. JAA.7059). All mandatory modifications and Airworthiness Directives were complied with. All pertinent details of the work performed are on file at this organization under Work Order No. LW422740.	N Bamah DUANE ZORNIAK	SAL-AMO-22-56 S.A.L. 501 Q.I.
			See Next Page		

INSPECTION - MAINTENANCE - OVERHAUL RECORD
GEARBOX ASSEMBLY

F-2784B (5/95)

Part IV
Page No. 4

Gearbox Serial Number CAG-90514 Engine Model 250- C30

Date	Gearbox Time		Remarks	Signature and Certificate No.	Organization
	Since OH	Total			
Jan 16, 2003	5831.3	10204.2	STANDARD AERO www.standardaero.com 33 Allen Dyne Road Winnipeg, Manitoba Canada R3H 1A1 Phone: 204-788-2693		
			Gearbox has been installed onto engine S/N CAE 890511 in accordance with Rolls-Royce Model 250-C30 Operation and Maintenance Manual 14W2 6th Ed., 8th Rev., dated November 1, 2001 and the current maintenance rules of the Canadian Aviation Regulations. The gearbox tested serviceable and is approved for return to service in accordance with CAR 571, FAR Part 43.17 and JAR 145 (Reference JAA Acceptance Certificate No. JAA 7058). All mandatory modifications and Airworthiness Directives were complied with. All pertinent details of the work performed are on file at this organization under Work Order No. LW422734.		SAL-AM0-22-58
				S.A.L. 301 Q.1	
				DUANE ZOENIAK	

INSPECTION - MAINTENANCE - OVERHAUL RECORD
GEARBOX ASSEMBLY

Gearbox Serial Number CAG- 90514 Engine Model 250- C30S

Date	Gearbox Time		Remarks	Signature and Certificate No.	Organization
	Since OH	Total			
MAR 2 0 2003	5845.3	10218.5	STANDARD AERO www.standardaero.com 33 Allen Dyne Road Winnipeg, Manitoba Canada R3H 1A1 Phone: 204-788-2693 Gearbox Assembly p/n 23035179 s/n CAG-90514 has been given a serviceability inspection in accordance with A250-C30S Rolls Royce 14W2 Operation & Maintenance Manual and the current maintenance rules of the Canadian Aviation Regulations. The product is approved for return to service in compliance with CAR 571, FAR Part 43.17 and JAR145 (reference JAA Acceptance Certificate JAA.7059). All mandatory modifications and Airworthiness Directives were complied with. All pertinent details of work performed are on file under Work Order LW443472. Po 513748	SAL 303 QI	SAL-AMO-22-58

INSPECTION - MAINTENANCE - OVERHAUL RECORD
GEARBOX ASSEMBLY

F-2784B (5/95)

Gearbox Serial Number CAG- 90514 Engine Model 250- C30S

Date	Gearbox Time		Remarks	Signature and Certificate No.	Organization
	Since OH	Total			
31 MAR 03	5845.3	10218.5	STANDARD AERO www.standardaero.com 33 Allen Dyne Road Winnipeg, Manitoba Canada R3H 1A1 Phone: 204-788-2693		
			GEARBOX CAG-90514 HAS BEEN, INSTALLED , AND TESTED IN ACCORDANCE WITH THE 14W3 2nd Edition 8th Revision dated 1/NOV/01 AND THE CURRENT MAINTENANCE RULES OF THE CANADIAN AVIATION REGULATIONS ALL PERTINENT DETAILS OF THE WORK PERFORMED ARE ON FILE AT THIS ORGANIZATION UNDER WORK ORDER # LW382294. TSO-5845, TSN-10218.5.	S.A.L. 610 QI	SAL-AMO-22-58

Inspection - Maintenance - Overhaul Record
Gearbox Assembly

Rolls-Royce

Part IV
Page No. 7

arbox Serial Number CAG- 90514 Engine Model 250- C30

Date	Gearbox Time		Remarks	Signature and Certificate No.	Organization
	Since OH	Total			
Oct 7 2003	6190.3	10563.5	STANDARD AERO www.standardaero.com 33 Allen Dyne Road Winnipeg, Manitoba Canada R3H 1A1 Phone: 204-788-2693 Gearbox has been given an external visual serviceability inspection and tested in accordance with Rolls-Royce Model 250-C30 Overhaul Manual 14W3 2nd Ed., 8th Rev., dated November 1, 2001 and the current maintenance rules of the Canadian Aviation Regulations. The gearbox tested serviceable and is approved for return to service in accordance with CAR 571, FAR Part 43.17 and JAR 145 (Reference JAA Acceptance Certificate No. JAA.7059). All mandatory modifications and Airworthiness Directives were complied with. All pertinent details of the work performed are on file at this organization under Work Order No. LW468714.	DUANE ZORNIAK	SAL-AMO-22-58 S.A.L. 501 QI

784B (12/98)

Inspection - Maintenance - Overhaul Record
Gearbox Assembly

Rolls-Ro

Part IV
Page No. 8

Gearbox Serial Number CAG- 90514 Engine Model 250- C30

Date	Gearbox Time		Remarks	Signature and Certificate No.	Organizatio
	Since OH	Total			
Feb 13/06	7347.6	11720.8	STANDARD AERO www.standardaero.com 33 Allen Dyne Road Winnipeg, Manitoba Canada R3H 1A1 Phone: 204-788-2693 Gearbox Assembly has had an external, visual inspection for serviceability and tested in accordance with Rolls Royce 250-C30 Overhaul Manual 14W3, 2nd Ed 11th Rev., dated April 1, 2005, Operation & Maintenance Manual 14W2, 6th ed., 11th rev dated 15/11/04. The gearbox tested serviceable and is approved for return to service. All pertinent details of the work performed are on file at this organization under work order LW592611.		SAL 303 QI SAL-AMO-22-5 LORNA RICHARD

5 27848 (12/00)

Inspection - Maintenance - Overhaul Record
Gearbox Assembly

Rolls-Royce

Part IV
Page No. 9

rbox Serial Number CAG- 90514 Engine Model 250- C30

Date	Gearbox Time		Remarks	Signature and Certificate No.	Organization
	Since OH	Total			
OCT.07	8168.1	12541.3	STANDARD AERO www.standardaero.com 33 Allen Dyne Road Winnipeg, Manitoba Canada R3H 1A1 Phone: 204-788-2693		SAL 661 QI
			Gearbox Assembly p/n 23035179 s/n CAG90514 has been repaired for Metal in Oil and has had a 3500 hr NDT performed on the geartrain in accordance with Rolls Royce 250-C30 Overhaul Manual 14W3 2nd Ed. 13th Rev. Dated 01/04/07. The following major parts were replaced: N1 Pickup, Centrifugal Spur Gearshaft, 77 Teeth Idler Spur Gearshaft, 26 Teeth idler Spur Gearshaft, Check Valve Assy, (3) Oil Transfer Inlet Tubes, Power Takeoff Gear Pressure Oil Jet, Oil Delivery Tube, G/B Cover Assy & Bearings. **The product is released serviceable for return to service, subject to satisfactory functional test results following installation in the airframe.** All pertinent details of work performed are on file at this organization under Work Order LW656639.		SAL-AMO-22-58 Rebecca Perrault REBECCA PERRAULT
OCT.07	8168.1	12541.3	STANDARD AERO www.standardaero.com 33 Allen Dyne Road Winnipeg, Manitoba Canada R3H 1A1 Phone: 204-788-2693		SAL 661 QI
			Gearbox Assembly p/n 23035179 s/n CAG90514 has been installed into engine s/n CAE890807 and tested in accordance with Rolls Royce 250-C30 Overhaul Manual 14W3 2nd Ed. 13th Rev. Dated 01/04/07. **The product is released serviceable for return to service.** All pertinent details of work performed are on file at this organization under Work Order LW656888.		SAL-AMO-22-58 Rebecca Perrault REBECCA PERRAULT

Inspection - Maintenance - Overhaul Record
Gearbox Assembly

Rolls-Roy

Part IV
Page No. 10

Gearbox Serial Number CAG- 90514 Engine Model 250- C30

Date	Gearbox Time Since OH	Gearbox Time Total	Remarks	Signature and Certificate No.	Organization
DEC 02 2008	8701.9	13075.1	StandardAero www.standardaero.com 33 Allen Dyne Road Winnipeg, Manitoba Canada R3H 1A1 Phone: 204-788-2693 Gearbox Assembly p/n 23035179 s/n CAG-90514 has had the oil pump inspected, Oil lube Filter cleaned and CEB updates in accordance with Rolls Royce 250-C30 Overhaul Manual 14W3 2nd Ed. 14th Rev. Dated 01/04/08. The product is released serviceable for return to service, on a time continued basis, subject to satisfactory functional test results following installation in the airframe. All pertinent details of the work performed are on file at this organization under Work Order LW725524.		SAL 1175 QI SAL-AMO-22-5 ROGER CERVANTI
22 DEC. 08	8701.9	13075.1	StandardAero www.standardaero.com 33 Allen Dyne Road Winnipeg, Manitoba Canada R3H 1A1 Phone: 204-788-2693 Gearbox Assembly p/n 23035179 s/n CAG-90514 has been installed onto engine s/n CAE-890807 & tested in accordance with Rolls Royce 250-C30 Overhaul Manual 14W3 2nd Ed. 14th Rev. Dated 01/04/08. **The product is released serviceable for return to service.** All pertinent details of work performed are on file at this organization under Work Order LW725522.		SAL 651 QI SAL-AMO-22-5 REBECCA PERRAULT

F-27848 (12/98)

Inspection - Maintenance - Overhaul Record
Gearbox Assembly

Rolls-Royce

Part IV
Page No. 11

Gearbox Serial Number CAG- 90514 Engine Model 250- C30

Date	Gearbox Time		Remarks	Signature and Certificate No.	Organization
	Since OH	Total			
JUN 09	8838.1	13211.3	StandardAero www.standardaero.com 33 Allen Dyne Road Winnipeg, Manitoba Canada R3H 1A1 Phone: 204-788-2693 Gearbox Assembly p/n 23035179 s/n CAG-90514 has been repaired to correct fluctuating oil pressure & tested in accordance with Rolls Royce 250-C30 Overhaul Manual 14W3 2nd Ed. 15th Rev. Dated 01/04/09. The following major parts were replaced: Pressure & Scavenge Oil Pump Body Separator, Cover Assy, 77 Teeth Idler Spur Gearshaft, Oil Pump Gear Shaft, Oil Filter Cap & (1) Bearing. **The product is released serviceable for return to service.** All pertinent details of work performed are on file at this organization under Work Order LW727058.		SAL 661 QI SAL-AMO-22-58 Rebecca Perrault REBECCA PERRAULT
JAN.10	8933.8	13307.0	StandardAero www.standardaero.com 33 Allen Dyne Road Winnipeg, Manitoba Canada R3H 1A1 Phone: 204-788-2693 Gearbox Assembly p/n 23035179 s/n CAG-90514 has been repaired to correct Oil Pressure Fluctuations & tested in accordance with Rolls Royce 250-C30 Overhaul Manual 14W3 2nd Ed. 15th Rev. Dated 01/04/09. The following major parts were replaced: Lube Oil Pump Assy, Oil Filter Cap & Oil Delivery Tube. **The product is released serviceable for return to service.** All pertinent details of work performed are on file at this organization under Work Order LW759960.		SAL 661 QI SAL-AMO-22-58 Rebecca Perrault REBECCA PERRAULT

Inspection - Maintenance - Overhaul Record
Gearbox Assembly

Rolls-Roy

Part IV
Page No. 12

Gearbox Serial Number CAG- 90514 Engine Model 250- C30

Date	Gearbox Time		Remarks	Signature and Certificate No.	Organization
	Since OH	Total			
8 JAN 2010	8933.9	13307.0	RECEIVED ON OHC P/N 6877684		CHL 757

Service Record
Turbine Assembly

Rolls-Royce

Part 1
Page No

Turbine Serial Number CAT [illegible] Engine Model 250 [illegible]

Aircraft S/N / Engine S/N	Installed Date	Installed Turbine TT / Turbine TSO	Removed Date	Removed Turbine TT / Turbine TSO	Reason
		[illegible]			
[illegible]	[illegible]	[illegible]			

2782D (4/61) (F)

SERVICE RECORD
TURBINE ASSEMBLY

Part No.
Page No. 2

Turbine Serial Number CAT-90139

Engine Model 250-C30S

INSTALLED					REMOVED			
			Turbine Time			Turbine Time		
Date	Owner	A/C or Eng. S/N	Since OH	Total	Date	Since OH	Total	Reason
[illegible]	[illegible]	[illegible]	543.4	10075.8	[illegible] JUN 00	1115.2	10647.6	[illegible]
[illegible]	[illegible]	[illegible]	1115.2	[illegible]	AF 2895.8 27 MAY 01	1470.8	11013.2	[illegible]
[illegible]	[illegible]	[illegible]	0.0	11013.2	AF 4197.3 24 JUN 02	648.3	11661.5	[illegible]
[illegible]	[illegible]	[illegible]	648.3	11661.5	AF 5056.6 23 DEC 03	CSO 4997 1413.9	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	1414.2	[illegible]	AF [illegible] 13 SEP 04	CSO 3645 1705.3	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	1705.3	[illegible]	AF 8351.3 27 JAN 05	CSO 3099 [illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	AF 13116.7 [illegible]	CSO 4215 1760.1	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	AF 3499 16 JAN 06	CSO 530 2204.6	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	2 AUG 06	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	21 Apr 09	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	1368.6	[illegible]	[illegible]

GT-2782[illegible]-41

TRANSFER RECORD

Part II
Page No. 2

Turbine Serial Number CAT-90189 Engine Model 250-C30

Date	SHIPPED From	To	Turbine Time Since OH	Total	RECEIVED Date	By
25JUL02	SAL	CANADIAN HELI	618.3	11661.5		
	CANADIAN	SAL	1514.7	12429.9	31DEC03	SAL
FEB 18 2004	SAL	CANADIAN HELI	1414.7	12329.9		
	SAL	Canadian Heli	1126.8	12041.8		

FORM 2732D (REV. 11-77)

SERVICE RECORD
TURBINE ASSEMBLY

Turbine Serial Number CAT 890[illegible] Engine Model 250-C30S

INSTALLED					REMOVED			
Date	Owner	A/C or Eng. S/N	Turbine Time Since OH	Turbine Time Total	Date	Turbine Time Since OH	Turbine Time Total	Reason
7-31-79	[illegible]	890185	New	0.0	2[illegible]-81	259.3	4[illegible]	[illegible]
05 04 82	[illegible]	890[illegible]	2[illegible]	-	[illegible]	[illegible]	[illegible]	
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	12/2/83	732.8	[illegible]	
MAR 1 1984	[illegible]	[illegible]	0.0	[illegible]	JUN 12 1984	36.4	[illegible]	
[illegible]	[illegible]	890[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	

FORM 2782D (E) (11-77)

TRANSFER RECORD

Part II
Page No. 1/1

Turbine Serial Number CAT 901698 Engine Model 3500 SERIES

SHIPPED					RECEIVED	
Date	From	To	Turbine Time Since OH	Total	Date	By
7-31-79	DM CMC	STANDARD SERVO	New	0.0	10 Aug 79	S.A.L.
9-10-79	S.A.L.	Dome Petroleum	New	0.0	Sept 79	S.A.L.
22/11/80	S.A.L.	Okanagan	New	0.0	Nov 81	S.A.L.

MODIFICATION RECORD
TURBINE ASSEMBLY

Part III
Page No. 1

Turbine Serial Number CAT-20139X Engine Model 250-C30S

Compliance Date	Bulletin or Directive No.	Title	Signature	Organization
NOV 8 1991	CE6-72 2003	ADD EXHAUST COLLECTOR DET ANKS		S A L
		W10-89203		
02/02/93	CEN-72-6015	PT Outer Cooling Duct - Rework		
	CEN-72-6017	Added Insulation Blanket - Rework		
	CEN-72-7002	Outer Rear Support Bracket Assy - Replace		
	CEN-72-7004	Power Turbine Nozzle - Modify		
	CEN-72-7005	Power Turbine Nozzle - Modify		
	CEN-72-7006	Exhaust Collector Inner Cone - Modify		
	CEN-72-7007	Exhaust Collector Outer Cone - Modify		
	CEN-72-7008	Power Turbine Nozzle - Modify		
	CEN-72-7009	Power Turbine Nozzle - Modify		
MAR 15 1996	CEN-72-8003	Power Turbine Nozzle - Modify		
MAR 15 1996	CEN-72-8004	Power Turbine Nozzle - Modify		
	CEN-72-8005	Power Turbine Nozzle - Modify		

Form 2783 (1-77)

MODIFICATION RECORD
TURBINE ASSEMBLY

Part No. [illegible]
Page No. 2

Turbine Serial Number CAT - 3019SA Engine Model 3056 DIT

Compliance Date	Bulletin or Directive No.	Title	Signature	Organization
MAR 15 1984	2E0172-3072	Replace retaining ring		
MAR 15 1984	2E0172-3079	Access hole & honing		
MAR 15 1984	2E0172-3094	Second bore		
MAR 15 1984	2E0172-3096	Shaft coil mod		
MAR 15 1984	2E0172-3099	Impeller repeat type shroud		
MAR 15 1984	2E0172-3103	Replace turbine seal & shaft		
MAR 15 1984	2E0172-3105	Repeat turbine shroud replacement & shaft re-work		
MAR 15 1984	2E0172-3034	Modify turbine front end		
03 OCT 85	ADB-13-1	ADB-22-05 rotor assembly		
	ADB-13-1R	Allison C30 brake procedure/rotor assy ADB-22		
	ADB-[illegible]	Thrust energy absorbing [illegible]		
	ADB-[illegible]	Turbine compound [illegible]		
	[illegible]-3061	Thrust edge hole drilling		

FORM 1860

MODIFICATION RECORD
TURBINE ASSEMBLY

Turbine Serial Number CAT-90189 Engine Model 250-C30S
P/N 23004520

Compliance Date	Bulletin or Directive No.	Title	Signature	Organization
08 OCT 85	CEB-72-3101	Add outer band reinforcing ring & cope packing		OAL
"	CEB-72-3109	New tie bolt - replace		"
"	CEB-72-3114	Turb. nozzle shield plugs - modify		"
"	TI-54	Turbine build procedures		"
"	CEB-72-3127	Assy & Insp. procedures gas producer assy - TI-54/ADT84-1.7-51		"
"	CEBA-72-3120 Par. II	Mod. G.P. supper & incorp. int. energy absorbing ring		"
"	CSL-A-3066	N1 shafting Insp.		"
"	CEBA-72-3131	2nd stg. nozzle - Inc. clean. in fan seal		"
"	CEBA-72-3132	2nd stg. whl. replace - THO-2513W-RMG-85		"
"	CEBA-72-3134	Coupling shaft replace - THO-2482W-RPR-84		"
"	CSL-3093 - THO-2490W-RPR-84	Terminal procedure splined locknut - 2nd stg. wh'l shaft		OAL

MODIFICATION RECORD
TURBINE ASSEMBLY

Compliance Date	Bulletin or Directive No.	Title	Signature	Organization
2 OCT 85	CEB A-72-3146	STAGE 2 OUTER AIRSEAL LOCKNUT & SPACER		OMC
1 NOV 1986	AD86-19-12	ENGINE MODS		OMC
1 NOV 1986	AD 86-20-13	SPLINED ADAPTER LOCKNUT TORQUE		"
1 NOV 1986	CEB 72-3051	FIRST STG NOZ - MODIFY - END EMB		"
1 NOV 1986	CEB 72-3067	CONVERSION C30 TO C30S END EMB		"
1 NOV 1986	CEB 72-3140	VERTICAL FIREWALL - REPLACE MOUNTING PADS - END EMB		"
1 NOV 1986	CEB A 72-3149	PT INNER & OUTER SHAFTS - THICKER ELECTROLESS NICKEL PLATING		"
1 NOV 1986	CEB 72-3122	NEW 4TH STG NOZ		"
1 NOV 1986	CEB A-72-3146	INSP OF SPLINED ADAPTER LOCKNUT TORQUE		"
1 NOV 1986	AD86-20-13 R1	ENGINE MODS - END EMB		"
1 NOV 89	AD89-17-51	TUCB MOD & BUILD PROC END		OMC
1 NOV 89	AD89-20-54 R1	EOH MODS END		"
1 NOV 89	AD86-19-12 R1	ENG MODS END		"
1 NOV 89	AD86-20-13 R1	SPLINED ADAPTER LOCKNUT TORQUE END		"

ORM 1980 (BACK)

FORM 2283-D

MODIFICATION RECORD
TURBINE ASSEMBLY

Turbine Serial Number CAT 30189 Engine Model 250-C30S

Compliance Date	Bulletin or Directive No.	Title	Signature	Organization
12 MAR 80	CEB 72-303 & 72-304, 72-316, 72-316, 72-314, F/E 25474	EV		
12 MAR 80	CEB 72-312	NEW 4TH STG NOZ - ENG		
12 MAR 80	CEB 72-312	TGCB ASSY - USE PROC ENG		
12 MAR 80	CEB 72-313	INSP TGB SHAFTING - KALC S.B. DRWG ENG		
12 MAR 80	CEB 72-316	INSP OF SPLINED FORT LOCKNUT TORQUE ENG		
12 MAR 80	CEB 72-315	FATIGUE REQUIREMENT SUMP COVER		
		FT SUPPORT ENG		
12 MAR 80	CEB 72-318	ROD & PROP TGBF SUPPORT ENG		
12 MAR 80	CEB 72-313	GCB 5TH NOZZLE - MOD ENG		
12 MAR 80	CEB 72-315	GAS GEN NOZZLE - INNER RING KALC ENG		
12 MAR 80	CSB 72-3066	N1 SHAFTING USE ENG		
12 MAR 80	CSB 3068	ANALYSIS REQUIRED ENG ENG		
12 MAR 80	CSB 3073	FUEL CODE SPLINE SECURITY TORQUE		
		RED. GEAR CASE ENG		

MODIFICATION RECORD

TURBINE ASSEMBLY

FORM 2765/D BACK

Compliance Date	Bulletin or Directive No.	Title	Signature	Organization
		TURB. ENGN. BUILD PROC. ENG.		CHC
		INSP. TOOL SPLINED ADAPTER LOCKNUT		CHC
		TORQUE ENG.		CHC
	AB 20 1512	ENG MODIFICATIONS ENG.		CHC
	AB82 20 13	SPLINED ADAPTER LOCKNUT TOOL ENG.		CHC
	CEB 12 2 ENG.	INSP SPLINED ADAPT LOCKNUT TORQUE ENG.		CHC
	CEB 12 3158	INST #5 BRG. LOAD SEAL ENG.		CHC
	CEB 12 3159	MOD DIAPHRAM LOCATING KEY SLOTS ENG.		CHC
	CEB 12 3175	NEW GP TIEBOLT SPACER MOD. ENG.		CHC
	CSU 1 3266R7	NITEMETING INSPECTION ENG.		CHC
	CSU 3068R1	ALLISON ASSURED ENGINE ENG.		CHC
	CS 3073	TURBINE SPLINE LOCKNUT TORQUE REQ ENG.		CHC
	CS 3077	TURB ALIGN BUILD PROCEDURES ENG.		CHC
	CSU A 3287R1	INSP. TOOL SPLINED ADAPTER LOCKNUT TOOL ENG.		CHC
	CEB 12 3038R1 3143 3151 3160R1 3162R1 3163 3164 3165R1 3166 3167 3168 3169			CHC
	3170	F/E ON U/D EQ. 25 REC.		CHC

MODIFICATION RECORD
TURBINE ASSEMBLY

Turbine Serial Number CAE 20189 Engine Model 250-C30S

Compliance Date	Bulletin or Directive No.	Title	Signature	Organization
1 June 1992	CEB-72-3061	GP and PT supports break edge mole.		CANADIAN
1 June 1992	CEB-72-3163R	1st stage nozzle diaphragm locating key welds- modify.		GAS TURBINES
1 June 1992	CEB-A72-5168R4	Engine turbine assembly, a seal coating of pave turbine rear inner and outer shafts.		
1 June 1992	CEB-72-5183, AD 88-07-06, F/I on 92-01-16			
1 July 1992	CEB-72-5183			
1 July 1992	CEB-A 3060			
1 July 1992	CEB-A 3060			
30 Jan 1996	CEB-72-3207 R1	Re-Record to nozzle for improved performance		
30 Jan 1996	CEB-72-3208 R1	Inspect 1st stg nozzle shield cone		
30 Jan 1996	CEB-72-3209	Rework to Comm. Turbine Shield P/N 3067784		
30 Jan 1996	SL-A-3060 R3	Nitriding Prohibition		ACRO AEROSPACE

CEB-2765D09-84

MODIFICATION RECORD
TURBINE ASSEMBLY

Turbine Serial Number CAT-R0188 Engine Model 250-C30R/1

Compliance Date	Bulletin or Directive No.	Title	Signature	Organization
20 Jan 1998	ASB-C30-13e01	N/A to Gearboxes Installed		
20 Jan 1998	CEB-72-3026 R2	Rescinded		
30 Jun 1998	CEB-72-3125 R3	N/A		
15 Sep 00	CEB-72-3221	Gas Generator Rotor		
06 JUL 2001	CEB-72-3183 R2	2ND STAGE TURBINE NOZZLE RADIAL CLEARANCE		
06 JUL 2001	CEB-72-3210 R1	RELEASE OF NO. 5 LABYRINTH SEAL AIR TUBE SLIP JOINT		
06 JULY 2001	CEB-72-3219 R2	HORIZONTAL FIRE SHIELD		
06 JULY 2001	CEB-72-3238 R1	RECOATING OF POWER TURBINE INNER SHAFT		
06 JULY 2001	CEB-A-2066 R5	N1 SHAFTING INSPECTION		
06 JULY 2001	CEB-A-3066 R2	ALLISON ASSURED ENGINE 250-C30-C30S		
06 JULY 2001	CEB-A-3252	N/A TO P/N		

ACRO AEROSPACE INC. SCA 7-15

GT-2788A

AD NOTE COMPLIANCE
AND
CEB MODIFICATION RECORD
TURBINE ASSEMBLY

Turbine Serial Number CAT- 90189 Engine Model 250- C30

AD #	Applicable CEB #	Date / Hours @ Comp.	Method of Compliance	One Time	Recurring	Next Comp. Date / Next Comp. @ Hrs	Signature and Certificate Number
88-07-06		25JUL02 / 11661.5	REPLACE OIL TUBE	X			
	72-3165R1	25JUL02 / 11661.5	REPLACE OIL TUBE	X			
	CEB-A-72-3143R1	Oct 18, 2002 / 11661.5	Replace SAG O-Ring	X			SAL 501 Q1 SAL-AMO-22
	CEB 72-3199R1	Oct 18, 2002 / 11661.5	Increased Capacity oil Dampened #4 Bearing	X			SAL 501 Q1 SAL-AMO-22
	CEB 72-3202	Oct 18, 2002 / 11661.5	Inspection For Proper Clamping	X			SAL 501 Q1 SAL-AMO-22
	CSL-A-3066R5	Oct 18, 2002 / 11661.5	N1 Shafting Inspection				SAL 501 Q1 SAL-AMO-22
	CSL 3150R2	Oct 18, 2002 / 11661.5	No Go Gages For Spline Inspection				SAL 501 Q1 SAL-AMO-22

Allison

GT-2768A

AD NOTE COMPLIANCE
AND
CEB MODIFICATION RECORD
TURBINE ASSEMBLY

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Turbine Serial Number CAT- 90189 Engine Model 250- C30S

AD #	Applicable CEB #	Date / Hours @ Comp.	Method of Compliance	One Time	Recurring	Next Comp. Date / Next Comp. @ Hrs	Signature and Certificate Number
AD84-17-51	AD85-25-01	R1	AD86-19-12, AD88-09-06-				
CEB 72-3024,	72-3025 R3		72-3027 R1	72-3032 R2,			
CEB 72-3040	R3 72-3044,		72-3058 R2	72-3065 R3,			
CEB 72-3072	R1, 72-3074 R3		72-3094 R1	72-3096 R4,			
CEB 72-3099	R3 72-3101 R4		72-3189 R3,	72-3111 R3,			
CEB-72-3114	R1, 72-3122		R1, 72-3132,	72-3134 R3,			
CEB-72-3151	R1, 72-3153		R3 72-3158 R4,	72-3168 R2,			
CEB 72-3160	R3 72-3188		R3 72-3199 R1,	72-3202,			
CEB 72-3209	R3 72-3219	R	2 72-3238 R1,	72-3259,			
CEB-A-72-3126	R1, A-72-		3125 R3,	A-72-3135 R3,			
CEB-A-72-3137	R3, A-72-		3165 R1,	A-72-3180 R1			
CEB-A 72-3195,	CEB-A-		72-3208 R3,				
		18 FEB 04	FOUND				SAL SM-AMO-22-5
		12427.9	EMBODIED				500 Q.I.

-2788A (10/98)

AD NOTE COMPLIANCE
AND
CEB MODIFICATION RECORD
TURBINE ASSEMBLY

Rolls-Royce

bine Serial Number CAT-90189 Engine Model 250-C30S

AD #	Applicable CEB #	Date / Hours @ Comp	Method of Compliance	One Time	Recurring	Next Comp. Date / Next Comp. @ Hrs	Signature and Certificate Number
84-19-51 R1		19 FEB. 04 / 12427.9	2ND NO 33LB SEAL RUB INSPECTION	✓			SAL 5001 SAL-AMO-22-58
86-20-13		18 FEB. 04 / 12427.9	TORQUE CHECK.	✓			SAL 5001 SAL-AMO-22-58
96-19-01		18 FEB. 04 / 12427.9	SUPERIOR #54-98 BRG. N/A TO P/N	✓			SAL 5001 SAL-AMO-22-58
	CEB-A-3266 R1	18 FEB. 04 / 12427.9	INSPECT 4TH STAGE WHEEL.	✓			SAL 5001 SAL-AMO-22-58
	CSL-A-3066 R5	18 FEB. 04 / 12427.9	N1 SHAFTING INSPECTION	✓			SAL 5001 SAL-AMO-22-58
	CSL-A-3087 R1	18 FEB. 04 / 12427.9	LOCKNUT TORQUE CHECK.	✓			SAL 5001 SAL-AMO-22-58
	CEB-22-3061	18 FEB. 04 / 12427.9	SPLIT-LINE HOLE BREAK EDGE.	✓			SAL 5001 SAL-AMO-22-58
	CEB-A-72-3108 3	18 FEB. 04 / 12427.9	SHAFTING INSPECTION	✓			SAL 5001 SAL-AMO-22-58
	CEB-A-72-3127 4	18 FEB. 04 / 12427.9	2ND NO 33LE INSPECTION	✓			SAL 5001 SAL-AMO-22-58

GT-2788A (10/98)

AD NOTE COMPLIANCE
AND
CEB MODIFICATION RECORD
TURBINE ASSEMBLY

Rolls-Royce

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Turbine Serial Number CAT-90189 Engine Model 250-C30S

AD #	Applicable CEB #	Date / Hours @ Comp.	Method of Compliance	One Time	Recurring	Next Comp. Date / Next Comp. @ Hrs	Signature and Certificate Number
	CEB-A-72-3146	18 FEB 04 12427.9	LOCKNUT TORQUE CHECK	✓			SAL 500 QI SAL-AMO-22
	CEB-A-72-3252	18 FEB 04 12427.9	REPLACEMENT 1ST STG NOZZLE SHIELD	✓			SAL 500 QI SAL-AMO-22
	CSL-A-3066 R5	14 APRIL 2005 12743.1	N1 SHAFTING INSPECTION		X		SAL 500 QI SAL-AMO-22-58
	CEB A-72-3272	30 JULY 2005 13079.5	NEW NO OVER SPEED EVENT RECORDING & STEADY-STATE OPERATING LIMITATIONS				Mark OCI for WINYARD-LOYNES 165-93-713
AD Rev-00-13	—	Nov 10/05 12976.3	Inspection of Spline & Adapter Locknut Torque	✓			SAL 303 QI SAL-AMO-22-5
—	CEB-R-72-3266 r3	Nov 10/05 12976.3	Inspect 4th Stage Turb Wheel (P/N 23066744)		X		SAL 303 QI SAL-AMO-22-5
—	CSL-A-3066 r5	Nov 10/05 12976.3	N1 Shaft Fwd Journal		X		SAL 303 QI SAL-AMO-22-5
—	CSL-A-3087 r1	Nov 10/05 12976.3	Inspect of Turbine Spline Adapter Locknut		X		SAL 303 QI SAL-AMO-22-58
—	CEB-R-72-3268 r1	Nov 10/05 12976.3	Inspect Bolts (Tool P/N 6898663)		X		SAL 303 QI SAL-AMO-22-58

2788A (10/98)

AD NOTE COMPLIANCE AND CEB MODIFICATION RECORD TURBINE ASSEMBLY

Rolls-Royce

bine Serial Number CAT-90189 Engine Model 250-C30S

AD #	Applicable CEB #	Date / Hours @ Comp	Method of Compliance	One Time	Recurring	Next Comp. Date / Next Comp. @ Hrs.	Signature and Certificate Number
	CSL-A-3066R5	13 OCT. 06 / 16271.5	N SHAFTING INSPECTION		X		SAL 661 01 SAL-AMO-22-58
	CSL-A-3087R	23 OCT. 06 / 13279.5	INSPECT SPLINE ADAPTER LOCKNUT TORQUE	X		N/A	SAL 661 01 SAL-AMO-22-58
	CEB A-72-3268R1	23 OCT. 06 / 13279.5	INSPECT 3RD STG WHLG (P/N 6898663)	X		N/A	SAL 661 01 SAL-AMO-22-58
	CEB A-72-3278	23 OCT. 06 / 13279.5	PT OUTER SHAFT - N/A TO S/N	X		N/A	SAL 661 01 SAL-AMO-22-58
	CSL-A-3066R5	3 OCT. 07 / 13902.0	N SHAFTING INSPECTION		X		SAL 661 01 SAL-AMO-22-58
	CEB A-72-3268R1	3 OCT. 07 / 13902.0	INSPECT 3RD STG WHEEL (P/N 6898663)				SAL 661 01 SAL-AMO-22-58
	CEB A-72-3252R3	3 OCT. 07 / 13902.0	REPLACE 1ST NOZZLE SHIELD (P/N 23073566 INSTALLED)				SAL 661 01 SAL-AMO-22-58
	CEB A-72-3278R2	3 OCT. 07 / 13902.0	PT OUTER SHAFT - N/A TO S/N KU86862.				SAL 661 01 SAL-AMO-22-58
	CEB S 72-3136R1 + 72-3269R1	3 OCT. 07 / 13902.0	FOUND EMBODIED				SAL 661 01 SAL-AMO-22-58

GT-2788A (10/98)

AD NOTE COMPLIANCE AND CEB MODIFICATION RECORD
TURBINE ASSEMBLY

Rolls-Royce

Turbine Serial Number CAT-90189 Engine Model 250-C30S1

AD #	Applicable CEB #	Date / Hours @ Comp	Method of Compliance	One Time	Recurring	Next Comp. Date / Next Comp. @ Hrs	Signature and Certificate Number
	CSL-A-3087r1	18 Dec 08 / 14435.8	Inspection of Turbine Spline Nozzle Locator				SAL 303 QI SAL-AMO-22-
	CEB 72-3114r1	18 Dec 08 / 14435.8	Nozzle Shield Position Pins Modify				SAL 303 QI SAL-AMO-22-5
	CEB 72-3142r6	18 Dec 08 / 14435.8	3rd Stg Nozzle Mod				SAL 303 QI SAL-AMO-22-5
	CEB-A-72-3165r1	18 Dec 08 / 14435.8	GP Press Dr Tube-Replace				SAL 303 QI SAL-AMO-22-
	CEB-A-72-3208r2	18 Dec 08 / 14435.8	Inspect Fwd Stg Nozzle Shield Bore				SAL 303 QI SAL-AMO-22-
	CEB-A-72-3252r5	18 Dec 08 / 14435.8	Inspect & Replace 1st Nozzle Shield (P/N 23084350 installed)				SAL 303 QI SAL-AMO-22-5
	CEB-A-72-3248r1	18 Dec 08 / 14435.8	Inspect 3rd Stage Wheel (P/N 6898163)				SAL 303 QI SAL-AMO-22-
	CEB 72-306R r2,	18 Dec 08 / 72-3150r1,	The following are Equivalent: 72-3161r2, 72-3183r2, 72-3210,				
	A 72-3125r2, 72-3227r2, 72-	A-72-3128r2 / 3845r1, 72-3269r1,	A-72-3136r1, A-72-3175r, A-72-3179r2-				SAL 303 QI SAL-AMO-22

T-2788A (10/98)

AD NOTE COMPLIANCE
AND
CEB MODIFICATION RECORD
TURBINE ASSEMBLY

Rolls-Royce

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rbine Serial Number CAT-900189 Engine Model 250-C30S

AD #	Applicable CEB #	Date / Hours @ Comp.	Method of Compliance	One Time	Recurring	Next Comp. Date / Next Comp. @ Hrs	Signature and Certificate Number
		01DEC09 / 14667.8	The following were found embodied: AD 81-13-12R1, AD 84-17-51R0, AD 84-24-54R2, AD 85-25-07R1, AD 86-19-12R0, AD 86-20-13R0, AD 88-07-06R0, CSL-A-3087R1, CEB 72-3023R2, 72-3025R3, 72-3031R4, 72-3040R3, 72-3058R2, 72-3061R0, 72-3065R3, 72-3067R2, 72-3068R2, 72-3072R1, 72-3079R1, 72-3094R1, 72-3096R4, 72-3099R2, 72-3101R6, 72-3109R3, 72-3110R0, 72-3111R2, 72-3114R1, 72-3122R1, 72-3132R0, 72-3134R2, 72-3142R0, 72-3150R1, 72-3151R1, 72-3153R5, 72-3158R4, 72-3168R2, 72-3169R2, 72-3188R2, 72-3199R2, 72-3202R0, 72-3210R0, 72-3219R2, 72-3227R2, 72-3238R1, 72-3245R1, 72-3259R0, 72-3269R1, A-72-3115R4, A-72-3036R4, A-72-3056R5, A-72-3108R3, A-72-3119R4, A-72-3124R2, A-72-3125R3, A-72-3127R4, A-72-3128R2, A-72-3131R2, A-72-3135R3, A-72-3136R1, A-72-3146R1, A-72-3165R1, A-72-3180R7, A-72-3195R0, A-72-3208R2, A-72-3252R6 & A-72-3268R1.				SAL 661 Ot SAL-AMO 22-58

Part IV
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INSPECTION—MAINTENANCE—OVERHAUL RECORD

TURBINE ASSEMBLY

2784D (11-77)

Turbine Serial Number CAT - 90198 Engine Model 250-C30S

Date	Turbine Time		Remarks	Signature	Organization
	Since OH	Total			
10Aug79	New	0.0	Check for Acceptance carried		
			out W/O 1309		S.A.L.
NOV 5K		2583	INSPECT 4TH ST. NOZZLE		
			PER SEB 72-3056		
			W/O 89203		
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
MAR 1-5 1985	0.0	2735.6	Turbine Overhaul per SEB 81-0816		
[illegible]	[illegible]	[illegible]	[illegible] per SEB 79-0917	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	REPAIRED & MODIFIED IN ACCORDANCE 250-C30 Mod	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	IN Woodward P/O EVO 5 [illegible]	[illegible]	[illegible]
24 HOT TIME	[illegible]	3760.3	[illegible] per SEB 81-0815	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	EV	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	Accordance with Woodward AN C/O 25676	[illegible]	[illegible]

INSPECTION – MAINTENANCE – OVERHAUL RECORD
TURBINE ASSEMBLY

Turbine Serial Number CAT – 90189 X Engine Model A50-CS08

Date	Turbine Time Since OH	Turbine Time Total	Remarks	Signature	Organization
[illegible]	[illegible]	6694	OVERHAULED IAW 1443 BY GHE ENGINES PTE.	[illegible]	[illegible]
June 1982	0.0	7019.7	Turbine assembly overhauled IAW 1443 manual on	[illegible]	CAL AD Mo
		csn 9497	CAL W/O# 92-01816		64 TURBINES
			THE MAINTENANCE DESCRIBED ABOVE HAS BEEN PERFORMED IN ACCORDANCE WITH THE APPLICABLE STANDARDS OF AIRWORTHINESS		
July 1995	0.0	8332.5	Turbine assembly overhauled IAW 1443	[illegible]	[illegible]
		csn 12518	on A50-CS08 engine w/o 97-16740		
Jan 1998	10.0	9952.4	Turbine overhauled IAW 1443 manual on A50-CS08		
	csn 0	csn 16393	W/O# 97-56484		
Feb 99	543.4	10075.8	Turbine repaired IAW 1443 manual on A50-CS08		
	csn 1031	csn 16723	Aerospace W/O# 98-[illegible]		
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]

INSPECTION — MAINTENANCE — OVERHAUL RECORD
TURBINE ASSEMBLY

Part IV
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FORM 1674 cp

Turbine Serial Number CAT-90189 Engine Model 250-C30S

Date	Turbine Time Since Oil	Total	Remarks	Signature	Dept. or Part
06 Jul 01	0.0	11043.2	TURBINE ASSEMBLY OVERHAULED TAT 14W3 ON		
	CSO 3866.0	CSN 18376	ACRO AEROSPACE W/O #21-1367	ACRO AEROSPACE INC	
25 JUL 02	646.0	11661.5			
	CSO 1286.0	CSN 19062			

Turbine Assy P/N 23033195 S/N CAT-90189 has been repaired for a cracked exhaust collector and 1ST nozzle iaw Rolls-Royce 250-C30 overhaul manual 14W3, 2edit, R8, 1NOV01, and the current maintenance rules of the Canadian Aviation regulations. The product is approved for return to service in compliance with CAR 571 and FAR 43.17 and JAR145 (JAA ACCEPTANCE CERTIFICATE JAA.7059) All mandatory modifications and Air worthiness directives were complied with. All pertinent details of the work performed are on file at this organization under Work Order LW382850.

INSPECTION — MAINTENANCE — OVERHAUL RECORD

TURBINE ASSEMBLY

Part No.

FORM 8284-1(ACO)

Date	Turbine Time SOS'D OH	Total	Remark	Signature	Organization
14 AUG 08	2744.3	28.5			

STANDARD AERO
www.standardaero.com

33 Allen Dyne Road
Winnipeg, Manitoba
Canada R3H 1A1
Phone: 204-788-2693

Turbine has been repaired for vibrations in accordance with Rolls-Royce Model 250-C30 Overhaul Manual 14W3 2nd Ed., 8th Rev., dated November 1, 2001 and the current maintenance rules of the Canadian Aviation Regulations. CSL 3066 5th Rev dated March 15, 1998 has been accomplished. Further inspection or maintenance may be required and a completion of a satisfactory functional test while installed in the airframe prior to return to service. The work performed is in accordance with CAR 571, FAR Part 43.17 and JAR 145 (Reference JAA Acceptance Certificate No. JAA.7059). All mandatory modifications and Airworthiness Directives were complie with. All pertinent details of the work performed are on file at this organization under Work Order No. LW382259.

A&I 501 Q1

AB

Allison

F-2784D (6/96)

INSPECTION - MAINTENANCE - OVERHAUL RECORD
TURBINE ASSEMBLY

Part IV
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Turbine Serial Number CAT 90189 Engine Model 250-C30S

Date	Turbine Time Since O/H	Turbine Time Total	Remarks	Signature and Certificate No.	Organization
9 JUL 2004	1414.7	12427.9	The product identified above has been repaired(1st, 2nd and 3rd wheel replaced) in accordance with Rolls Royce 250-C30 Overhaul Manual 14W3 2ND Ed. 9TH REV. dated 01 MARCH 2003 and the current maintenance rules of the Canadian Aviation Regulations. The product is approved serviceable for return to service in compliance with CAR 571, FAR Part 43.17, and JAR 145(REF. JAA Acceptance Certificate JAA.7059). All pertinent details of work performed are on file at this organization under work order No. LW468731. T.T.S.N. 12427.9 HRS. T.T.S.O 1414.7 HRS. T.C.SN. 21317 CYCLES T.C.S.O. 2941 CYCLES. Tie bolt P/N 23008030 S/N DJ50256 Free length 7..363 stretched 0.016	DONALD DERRATT	
	C502941	C5N21317			

Allison

INSPECTION - MAINTENANCE - OVERHAUL RECORD
TURBINE ASSEMBLY

F 2784D (5/93)

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Turbine Serial Number CAT 90180 Engine Model 250-C30S

Date	Turbine Time		Remarks	Signature and Certificate No.	Organization
	Since Oh	Total			
[illegible]	[illegible]	[illegible]			
[illegible]	[illegible]	[illegible]			

STANDARD AERO
www.standardaero.com

33 Allen Dyne Road
Winnipeg, Manitoba
Canada R3H 1A1
Phone: 204-788-2693

Turbine Assembly has had an external, visual inspection for serviceability , has had a 300 hour inspection carried out In accordance with Rolls-Royce model 250-C30 Overhaul Manual 14W3, 2nd ed., 10th rev., dated 15 March 2004, Op & Maint. Manual 14W2 6th ed., 10th rev dated 15 Nov 03. Further testing in the airframe may be required prior to the product's acceptance for return to service. All pertinent details of the work performed are on file at this organization under Work Order No. LW517147.

SAL 3074 QI

SAL-AMO-22-68

Inspection - Maintenance - Overhaul Record
TURBINE ASSEMBLY

Rolls-Royce

Part IV
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Turbine Serial Number CAT- 90189 Engine Model 250-C30S

Date	Turbine Time		Remarks	Signature and Certificate No.	Organization
	Since OH	Total			
APRIL 2005	1789.9	13743.1			
	CSO: 3699	CSN: 23075			

STANDARD AERO
www.standardaero.com

33 Allen Dyne Road
Winnipeg, Manitoba
Canada R3H 1A1
Phone: 204-788-2693

Turbine has been repaired for low power and tested in accordance with Rolls Royce 250-C30 Overhaul Manual I4W3 2nd Ed 11th Rev., dated April 1, 2005 and the current maintenance rules of the Canadian Aviation Regulations. The following major parts were replaced: 1st Stage Wheel, 1st Stage Turbine Nozzle, Thermocouple, Turbine Spline Adapter. GP Rotor Tiebolt P/N 23008030 S/N DJ50256 has a free length of 7.363" and is stretched to 7.379". The turbine is approved for return to service in compliance with CAR 571, FAR Part 43.17, and EASA Part-145 (reference EASA Acceptance Certificate EASA.145.7059). All mandatory modifications and Airworthiness Directives were complied with. All pertinent details of the work performed are on file at this organization under Work Order No. LW542312.

SIL-AMO-22-05

S.A.L. 301 O.I.

DUANE 20/07/05

784D(8/99)

Inspection - Maintenance - Overhaul Record
Turbine Assembly

Rolls-Roy

Part IV
Page No. 8

Turbine Serial Number CAT-90169 Engine Model 250-C30S

Date	Turbine Time Since OH	Turbine Time Total	Remarks	Signature and Certificate No.	Organizatio
22 Nov 05	1963.1 CSN 4512	12976.3 CSN 22591			

STANDARD AERO
www.standardaero.com

33 Allen Dyne Road
Winnipeg, Manitoba
Canada R3H 1A1
Phone: 204-788-2693

Turbine Assembly has been repaired for low power and tested in accordance with Rolls Royce 250-C30 Overhaul Manual 14W3, 2nd Ed 11th Rev., dated April 1, 2005. The 150, 300, 2000 Hour Inspections have been complied with (engine only) as indicated in the supplied sheets in accordance with Rolls-Royce 250-C30 Operations and Maintenance Manual. The following major parts were replaced: combustion liner, 1st & 2nd stage nozzles. The product is released serviceable subject to a satisfactory check run and power assurance check following installation in the airframe. All mandatory modifications and Airworthiness Directives were complied with. All pertinent details of the work performed are on file at this organization under Work Order No. LW571493.
Tie Bolt p/n 23008030 s/n DJ50256 free: 7.3645" stretch: 7.3805"

SAL 303 OI

SAL-AMO-22-68

LORNA RICHARD

R2784D (8/99)

Inspection - Maintenance - Overhaul Record
TURBINE ASSEMBLY

Rolls-Royce

Part IV
Page No.

bine Serial Number CAT 90189 Engine Model 250-C30

Date	Turbine Time Since OH	Turbine Time Total	Remarks	Signature and Certificate No.	Organization

STANDARD AERO
www.standardaero.com

33 Allen Dyne Road
Winnipeg, Manitoba
Canada R3H 1A1
Phone: 204-788-2693

Turbine Assembly p/n 23035128 s/n CAT90189 has been overhauled and tested in accordance with Rolls Royce 250-C30 Overhaul Manual 14W3 2nd Ed. 12th Rev. . Dated 01/04/06 and the current maintenance rules of the Canadian Aviation Regulations. **The product is released serviceable for return to service.** All pertinent details of work performed are on file at this organization under Work Order LW624306.

Tie Bolt p/n 23008030 s/n DJ50256 Free: 7.363" Stretch: 7.379"

SAL AMO 22-58
REBECCA PERRAULT

STANDARD AERO
www.standardaero.com

33 Allen Dyne Road
Winnipeg, Manitoba
Canada R3H 1A1
Phone: 204-788-2693

Turbine Assembly p/n 23035128 s/n CAT90189 has been repaired to correct a cracked 1st Stage Nozzle in accordance with Rolls Royce 250-C30 Overhaul Manual 14W3 2nd Ed. 13th Rev. Dated 01/04/07. The following major parts were replaced: Exhaust Collector, 1st Nozzle Shield, 1st Stage Nozzle, 3rd Stage Wheel, GP Oil Cover Assy & Thermocouple Assy. **The product is released serviceable for return to service, on a time continued basis, subject to satisfactory functional test results following installation in the airframe.** All pertinent details of work performed are on file at this organization under Work Order LW676930.

SAL AMO 22-58
REBECCA PERRAULT

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Inspection - Maintenance - Overhaul Record
Turbine Assembly

Rolls-Royc

Part IV
Page No. 40

Turbine Serial Number CAT-90189   Engine Model 250-C30

Date	Turbine Time		Remarks	Signature and Certificate No.	Organization
	Since OH	Total			
19 Oct 07	622.5	14162.0			
	[illegible]	[illegible]			SAL 667 01
					SAL-AMO-22-53
					Rebecca Perrault REBECCA PERRAULT
[illegible]	1151.[illegible]	14455.8			SAL 303 01
	[illegible]	[illegible]			
					SAL-AMO-22-53

STANDARD AERO
www.standardaero.com

33 Allen Dyne Road
Winnipeg, Manitoba
Canada R3H 1A1
Phone: 204-788-2693

Turbine Assembly p/n 23035128 s/n CAT90189 has been installed into engine s/n CAE890807 and tested in accordance with Rolls Royce 250-C30 Overhaul Manual 14W3 2nd Ed. 13th Rev. Dated 01/04/07. **The product is released serviceable for return to service, on a time continued basis.** All pertinent details of work performed are on file at this organization under Work Order LW656888.

StandardAero
www.standardaero.com

33 Allen Dyne Road
Winnipeg, Manitoba
Canada R3H 1A1
Phone: 204-788-2693

Turbine Assembly p/n 23035128 has been repaired for cycle expired 1st & 2nd stage wheels in accordance with Rolls Royce 250-C30 Overhaul Manual 14W3 2nd Ed. 14th Rev. Dated 01/04/08. Major parts replaced: 1st & 2nd stage wheels, 2nd stage nozzle, 1st nozzle shield, thermocouple. The product is released serviceable for return to service, on a time continued basis, subject to satisfactory functional test results following installation in the airframe. All pertinent details of work performed are on file at this organization under w/o LW725525.

Tie Bolt p/n 23008030 s/n DJ50256 free: 7.362" stretch: 7.378"

Inspection - Maintenance - Overhaul Record
TURBINE ASSEMBLY

Rolls-Royce

Part IV
Page No. 11

rbine Serial Number CAT-90189 Engine Model 250-C30S

Date	Turbine Time Since OH	Turbine Time Total	Remarks	Signature and Certificate No.	Organization
Sep 25 8	1152.5	14426.6	33 Allen Dyne Road Winnipeg, Manitoba Canada R3H 1A1 Phone: 204-788-2693 StandardAero www.standardaero.com		
	CSO [illegible] 2835	CSN 22154	Turbine Assembly p/n 23035128 s/n CAT-90189 has been installed onto engine s/n CAE-890807 & tested in accordance with Rolls Royce 250-C30 Overhaul Manual 14W3 2nd Ed. 14th Rev. Dated 01/04/08. **The product is released serviceable for return to service, on a time continued basis.** All pertinent details of work performed are on file at this organization under Work Order LW725522.		SAL 301 01
					SAL-AMO-22-58
					REBECCA
					PERRAULT
[illegible]	1298.5	14570.6	33 Allen Dyne Road Winnipeg, Manitoba Canada R3H 1A1 Phone: 204-788-2693 StandardAero www.standardaero.com		SAL 303 01
	CSO 3034	CSN 22545	Turbine Assembly p/n 23035128 has had an external, visual inspection for serviceability in accordance with Rolls Royce 250-C30 Operations and Maintenance Manual 14W2 6th Ed. 15th Rev. Dated 11/15/08. The product is released serviceable for return to service, on a time continued basis, subject to satisfactory functional test results following installation in the airframe. All pertinent details of work performed are on file at this organization under w/o LW727058.		
					SAL-AMO-22-58

84D (8/99)

Inspection - Maintenance - Overhaul Record
Turbine Assembly

Rolls-Roy

Part IV
Page No. 12

Turbine Serial Number CAT- 90189 Engine Model 250- C30S

Date	Turbine Time Since OH	Turbine Time Total	Remarks	Signature and Certificate No.	Organizati
23 JAN 2010	1585.3	24883.8			
	DATE: 07 JAN 10	DATE: 26 AUG 2			
					SAL-AMO 22-5
					REBECC PERRAUL
24 JAN 2010	298.5	25182.3	REMOVED FROM CAC		
	1883.8	25182	P/N 23035128 SN CAT-90189		

StandardAero
www.standardaero.com

33 Allen Dyne Road
Winnipeg, Manitoba
Canada R3H 1A1
Phone: 204-788-2693

Turbine Assembly p/n 23035128 s/n CAT-90189 has had an external visual serviceability inspection performed & tested in accordance with Rolls Royce 250-C30 Overhaul Manual 14W3 2nd Ed. 15th Rev. Dated 01/04/09 & Maintenance Manual 14W2 6th Ed. 15th Rev. Dated 15/11/08. The following major part was replaced: N1 Coupling Shaft. **The product is released serviceable for return to service, on a time continued basis.** All pertinent details of work performed are on file at this organization under Work Order LW759960.

FORM 2785D (10-77)

ASSEMBLY RECORD
TURBINE ASSEMBLY

Part V
Page No. 1

Turbine Serial Number CAT-90189 X

Engine Model 250-C30S

			INSTALLED			REMOVED			
Nomenclature	Part Number	Serial Number	Date	Turbine Total Time	This Item TT Cycles	Date	Turbine Total Time	This Item TT Cycles	Reason
1st Stg Whl	6898911	X57658	7-31-79	0.0	0.0 0	23/2/83	1502.8	1502.8 1387	
2nd Stg Whl	6898922	AD46626		0.0	0.0			1502.8 1387	
3rd Stg Whl	6898663	HX41086		0.0	0.0	MAR 15 1984	2235.6	2235.6 2057	
4th Stg Whl	6892764	HX34432		0.0	0.0	23/02/83	1502.8	1502.8 1387	
1st Stg Whl	[illegible]	X[illegible]	23/2/83	1502.8	0.0 0	MAR 15 1984	2235.6	732.8 670	
2nd Stg Whl	[illegible]	X[illegible]	23/2/83	1502.8	0.0 0	MAR 15 1984	2235.6	732.8 670	
4th Stg Whl	6892764	HX[illegible]	23/2/83	1502.8	0.0 0	22 NOV 90	6591.1 6800	4088.3 5413	
1st Stg Whl	6898911	X80156	MAR 15 1984	2235.6	0.0 0	27 NOV 90	3730.3 3457	1494.7 1390	
		HX	MAR 15 1984		0.0		2598.4	362.4	

ASSEMBLY RECORD
TURBINE ASSEMBLY

Part V
Page No. 2

FORM 2785 (REF. 4)

Turbine Serial Number CAT - 991 [illegible] X Engine Model T-350-GS10S

Nomenclature	Part Number	Serial Number	INSTALLED Date	INSTALLED Turbine Total Time	INSTALLED Cycles	REMOVED Date	REMOVED Turbine Total Time	REMOVED TMDA	REMOVED Cycles	Reason
3rd Stage Wheel	6877663	[illegible]	MAR 15 1984	9235.6	0	21 NOV 88	13803.3	1447.7		
	2503280	[illegible]	Oct 25	3	0	21 Nov 88	9230.3	1315.9		
	6878771	[illegible]	21 NOV 88	9750.2	0	17 MAR 89	3447	1440		
	6878771	[illegible]	21 NOV 88	3447	0	17 MAR 89	9750.2	970.9		
	6878771	[illegible]	21 NOV 88	9750.2	0	17 MAR 89	5754	2307		
	6878771	[illegible]	21 NOV 88	3447	0	17 MAR 89	4701.2	930.9		
	6878771	[illegible]	21 NOV 88	3730.3	1010	30 MAY 90	5591	1860.8		
	6878771	[illegible]	21 NOV 88	3447	0	30 MAY 90	6800	1338.3		
	6878771	[illegible]	22 MAR 89	4701.2	0	30 MAY 90	5591	889.9		
	6878771	[illegible]	22 MAR 89	5754	0	30 MAY 90	6800	1049		
	6878771	[illegible]	22 MAR 89	4701.2	0	10 JUL 92	5591	889.9		
	6878771	[illegible]	22 MAR 89	5754	0	10 JUL 92	6800	1049		
	6878771	[illegible]	22 MAY 90	5591	1260	17 JUL 92	7019.7	1428.8		
	6878771	[illegible]	22 MAY 90	6800	1049	17 JUL 92	919.7	269.8	Overhaul	
	6878771	[illegible]	22 MAY 90	5591	889.9	17 JUL 92	7019.7	1428.8		
	6878771	[illegible]	22 MAY 90	6800	1049	17 JUL 92	919.7	269.8	Overhaul	

FORM 2765D (11-77)

ASSEMBLY RECORD
TURBINE ASSEMBLY

Part V
Page No. 3

Turbine Serial Number CA-95188 Engine Model 250-C30S

Nomenclature	Part Number	Serial Number	INSTALLED Date	INSTALLED Turbine Total Time	INSTALLED This Ion Cycles	REMOVED Date	REMOVED Turbine Total Time	REMOVED This Ion Cycles	Reason
1st Stg. N.G.	6899076	HX08925	2/24/90	5571.7	0.0	1-5-92	7019.7	1428.6	Overhaul
1st Stg. N.G.	6899076	HX11435	1/6/92	5571.7	0.0	1-5-92	8497.3	2697	Overhaul
1st Stg. N.G.	6899941	HX119409	1/06/92	7019.7	0.0	17-JAN-96	8332.5	1312.8	Ser. No. Incorrect
2nd Stg. N.G.	23032280	HX106839	1/06/92	7019.7	0.0	17-JAN-96	8332.5	1312.8	Part Life
2nd Stg. N.G.	6899663	HX69618	1/06/92	7019.7	0.0	29-10-97	9532.1	2512.4	Part Life
1st Stg. N.G.	6892764	HX56052	1/06/92	7019.7	1428.6	17-JAN-96	8332.5	1312.8	Part Life
Turbine	23005030	DJ50256	1/06/92	7019.7	2697	29-10-97	9532.1	N/A	Overhaul
1st Stg. N.G.	23032280	HX11435	1/06/92	7019.7	0.0	29-10-97	9532.1	1199.9	Part Life
2nd Stg. Rotor	23032280	HX11050	1/06/92	8332.5	0.0	29-10-97	9532.1	1199.9	Part Life

ASSEMBLY RECORD
TURBINE ASSEMBLY

Page No. 4

Turbine Serial Number CAT 22857 Engine Model 250-C30P

Nomenclature	Part Number	Serial Number	INSTALLED Date	Turbine Total Time	Hot Section Cycles	REMOVED Date	Turbine Total Time	Hot Section Cycles	Reason
[illegible]	6899764	HX86554	7-31-95	9532.4	0	06JUL01	11013.2	2380	
1st Stg. Wheel	23053239	LX44242	30-1-98	9532.4	0.0	06JUL01	11013.2	5361	TIME EXPIRED
2nd Stg. Wheel	23032980	LX12730	30-1-98	9532.4	0.0	06JUL01	11013.2	14803.8	TIME EXPIRED
1st Stg. Wheel	6884668	LX92409	30-1-98	9532.4	0.0	06JUL01	11013.2	2933	TIME EXPIRED
Shaft	23001030	LX05256	30-1-98	9532.4	0.0	18FEB04	12419.9	4895.5	7 X 0
2nd Stg. Wheel	23053290	LX43001	06JUL01	11013.2	0.0	18FEB04	12419.9	2895.5	7 X 0
Shaft	23053220	LX13475	06JUL01	11013.2	0.0	18FEB04	12419.9	1414.7	7 X 0
1st Stg. Wheel	23064[illegible]	LX76903	06JUL01	11013.2	0.0	18FEB04	12419.9	2895.5	7 X 0

Assembly Record
Turbine Assembly

Rolls-Royce

Part V
Page No. 5

Turbine Serial Number CAT- 90189 Engine Model 250- C30S

Nomenclature	Part Number / Serial Number	Installed Date	Installed Turbine TT Cycles	Installed Component TT Cycles	Removed Date	Removed Turbine TT Cycles	Removed Component TT Cycles
1ST STG WHL	23053299 / X543131	18 FEB. 04	12429.9 / 21317	0.0 / 0	JAN 31, 2005	12743.1 / 22075	315.2 / 758
2ND STG WHL	23032280 / X519619	18 FEB. 04	12429.9 / 21317	0.0 / 0	JAN 31, 2005	12743.1 / 22075	315.2 / 758
3RD STG WHL	6898663 / X514876	18 FEB. 04	12427.9 / 21317	0.0 / 0	12 SEPT. 06	13279.5 / 23506	851.6 / 2189
4TH STG WHL	23066744 / HX76908	18 FEB. 04	12427.9 / 21317	1414.0 / 2941	12 SEPT. 06	13279.5 / 23506	2266.8 / 5130
TIE BOLT	23008030 / DJ50256	18 FEB. 04	12427.9 / 21317	FREE / 2.863	JAN 31, 2005	12743.1 / 22075	WHL / WHL
1ST STG SHIELD	23073566 / NIL	18 FEB. 04	12427.9 / 21317	0.0 / 0	JAN 31, 2005	12743.1 / 22075	315.2 / 758
1 STAGE WHEEL	23053299 / X146976	14 APRIL 2005	12743.1 / 22075	0.0 / 0	12 SEPT. 06	13279.5 / 23506	536.4 / 1431
2 STAGE WHEEL	23032280 / X519619	14 APRIL 2005	12743.1 / 22075	315.2 / 758	12 SEPT. 06	13279.5 / 23506	851.6 / 2189
2 STAGE SHIELD	23073566 / N/A	14 APRIL 2005	12743.1 / 22075	315.2 / 758	10 SEPT. 07	13902.0 / 24981	1474.1 / 3664
1ST STG WHL	23053299 / X557217	20 OCT. 06	18279.5 / 23506	0.0 / 0	JUN 10 08	14435.8 / 26154	1186.3 / 4648

785D (12/98)

Assembly Record
Turbine Assembly

Rolls-Royce

Part V
Page No. 6

Turbine Serial Number CAT- 90189 Engine Model 250-C30S

Nomenclature	Part Number / Serial Number	Installed Date	Installed Turbine TT Cycles	Installed Component TT Cycles	Removed Date	Removed Turbine TT Cycles	Removed Component TT Cycles
2ND STG WHL	23831260	26 OCT. 06	13279.5	0.0		14435.8	1156.3
	X3356355		23506	0	24 NOV 08	26154	2648
3RD STG WHL	68996663	20 OCT 06	13279.5	0.0	10 SEPT 07	13902.0	622.5
	X5558		23506	0		24981	1475
4TH STG WHL	23806344	20 OCT. 06	13279.5	0.0	24 NOV 08	14435.3	1156.3
	X9355978		23506	0		26154	2648
1ST NOZZLE SHIELD	23079806	27 SEPT 07	13902.0	T&C: 0.0	24 NOV 08	14435.8	533.8
	N/A		24981	C&O: 0		26154	1173
2ND STG WHL	68996663	27 SEPT 07	13902.0	0.0	24 NOV 08	14435.8	533.8
	X5665916		24981	0		26154	1173
1ST Sidewheel	23053299	18 DEC 08	14435.8	0.0			
	X5665918		26154	0			
2ND Sidewheel	23053286	18 DEC 08	14435.8	0.0			
	X5665918		26154	0			
3RD Sidewheel	68996663	18 DEC 08	14435.8	533.8			
	X5665916		26154	1173			
4TH Sidewheel	23806344	18 DEC 08	14435.8	1156.3			
	X9355978		26154	2648			
1ST Nozzle Shield	23079806	18 DEC 08	14435.8	0.0			
	[illegible]		26154	0			

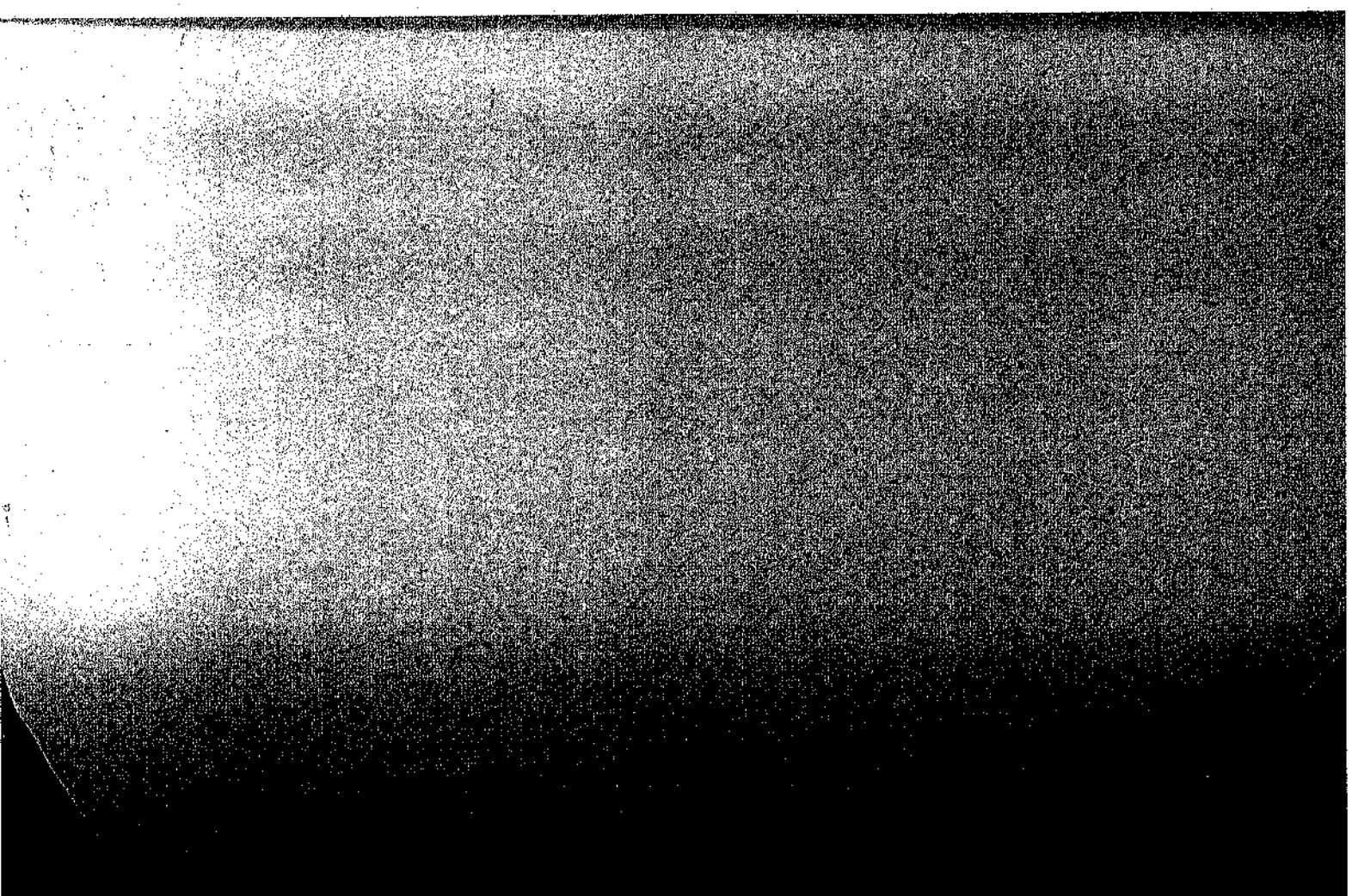
Rolls-Royce

LIFE LIMITED PART LOG CARD

LIFE LIMITED PART NAME 3RD STG WHL			PART NUMBER 6898663				SERIAL NUMBER X565596	
Date Installed	Date Removed	Engine and Module S/N	Engine Model	Hours WHL	Cycles WHL	Overspeed Events * (as app)	Comments	Signature And Certificate #
SEPT. 07		CAE890807	C30	0.0	0			RP SAL-AMO-22-58
	#	CAT90189						

* For PT 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.

GT-12017 (4-05)



Rolls-Royce

LIFE LIMITED PART LOG CARD

This card is to accompany every life limited part of the engine for proper tracking of component life.

The card is to be completely filled out with all necessary information as follows:

- Page Number - (if more than one card is needed for the component all pages should be retained for history purposes)
- Life Limited Part Name
- Part Number - (if part number is changed at some point during the life of the component a new card should be started and the old card retained for history purposes)
- Serial Number
- Date Installed
- Date Removed
- Engine and Module Serial Number
- Engine Model
- Hours - (to correspond with the date installed or removed, depending on entry being recorded)
- Cycles - (to correspond with the date installed or removed, depending on entry being recorded)
- Overspeed Events (as app) -- (this column is only to be filled out for Power Turbine Wheels that are required to be tracked by events exceeding specified Event Thresholds)
- Comments – (any important information regarding the history of the component, i.e. reason for removal, inspection, CEB compliance, repair, scrap date, etc.)
- Signature and Certificate #

Rolls-Royce

LIFE LIMITED PART LOG CARD

LIFE LIMITED PART NAME 4TH STG WHL	PART NUMBER 23066744	SERIAL NUMBER X558598

Date Installed	Date Removed	Engine and Module S/N	Engine Model	Hours WHL	Cycles WHL	Overspeed Events * (as app)	Comments	Signature And Certificate #
OCT.06	[redacted]	CAE8904176	C30S	0.0	0			RP SAL-AMO-22-96
[redacted]	[redacted]	CBT90189						

*For PT 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.

GT-12017 (4-05)

Rolls-Royce

LIFE LIMITED PART LOG CARD

This card is to accompany every life limited part of the engine for proper tracking of component life.

The card is to be completely filled out with all necessary information as follows:

- Page Number - (if more than one card is needed for the component all pages should be retained for history purposes)
- Life Limited Part Name
- Part Number - (if part number is changed at some point during the life of the component a new card should be started and the old card retained for history purposes)
- Serial Number
- Date Installed
- Date Removed
- Engine and Module Serial Number
- Engine Model
- Hours - (to correspond with the date installed or removed, depending on entry being recorded)
- Cycles - (to correspond with the date installed or removed, depending on entry being recorded)
- Overspeed Events (as app) – (this column is only to be filled out for Power Turbine Wheels that are required to be tracked by events exceeding specified Event Thresholds)
- Comments – (any important information regarding the history of the component, i.e. reason for removal, inspection, CEB compliance, repair, scrap date, etc.)
- Signature and Certificate #

FORM 9386 (11-77)

CYCLE RECORD
TURBINE ASSEMBLY

(Refer to Life Limiting CSL)

Part VI
Page No. [illegible]

Turbine Serial Number CAT - 901898 Engine Model 250-C30S

Installed					Removed		
Date	Owner	Eng S/N	Cycle Counter Reading	Do Not Exceed Cycle Counter Reading	Date	Cycle Counter Reading	Cycles Th Installati
7-31-79		890185	0.0	3000	29/4/81	320	320
05/01/82	[illegible]	890185	320	2680	2/11/82	[illegible]	106
[illegible]	[illegible] (GIMA)	[illegible]	0.0	3000	3/12/83	670	670
MAR 20 1984	OKAN (GIMA)	890197S	0	3000	JUN 1? 1984	26	26
[illegible] 4 1984	OKAN	890197S	26	3000 2974	[illegible]	270	244 CSO 270
1/1/85	OKAN GIMA	890197S	270	3000	11/9/86	1390	1120 CSO [illegible]
[illegible] 88	OKAN GIMA	890197S	1390	CYC REM 3000 3000	[illegible]	3697	2307 CSO [illegible]
06.04.89	OKAN GIMM	890324[illegible]	2975	CYC REM 1638 4608	20.11.89	6800	1046 CSO [illegible]
[illegible]	[illegible]	[illegible]	1555	CYC REM 3000 [illegible] 155	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	890165	[illegible]	[illegible]	[illegible]		[illegible]
[illegible]	[illegible]			[illegible]	8 [illegible]	10365	[illegible]
12.[illegible].94	OKL GIMTH	890165S	10365	CYC REM 3000 10481	20.3.95	10499	3018 CSO 3018

ORM 9386 (11-77)

CYCLE RECORD
TURBINE ASSEMBLY

(Refer to Life Limiting CSL)

Part VI
Page No. 2

rbine Serial Number CAT - 90189 X

Engine Model 250-C30 S

Installed					Removed		
ate	Owner	Eng S/N	Cycle Counter Reading	Do Not Exceed Cycle Counter Reading	Date	Cycle Counter Reading	Cycles This Installation
[illegible]	[illegible]	840655	4999	C/C Ref 2482 13481	25 SEP 97	13317	CSN 5393 CSO 2878 2878
[illegible]	[illegible]	[illegible]	[illegible]	C/C Ref 3000 [illegible]	[illegible]	1001	[illegible]
[illegible]	[illegible]	[illegible]	1441	C/C Ref 1970	[illegible]	831	[illegible]
[illegible]	[illegible]	[illegible]	1958	~~[illegible]~~ [illegible]	[illegible]	[illegible]	[illegible]
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[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
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[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]

Cycle Record
Turbine Assembly

Rolls-Royce

Part VI
Page No

Turbine Serial Number CAT [illegible] Engine Model 250-[illegible]

Aircraft S/N
Engine S/N

Installed					Removed			
Date	Turbine TT	Cycle Count Current Cycles Cycle Limit	Engine Cycles at Installation	Date	Turbine TT	Cycle Count Current Cycles Cycle Limit	Engine Cycles at Removal
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
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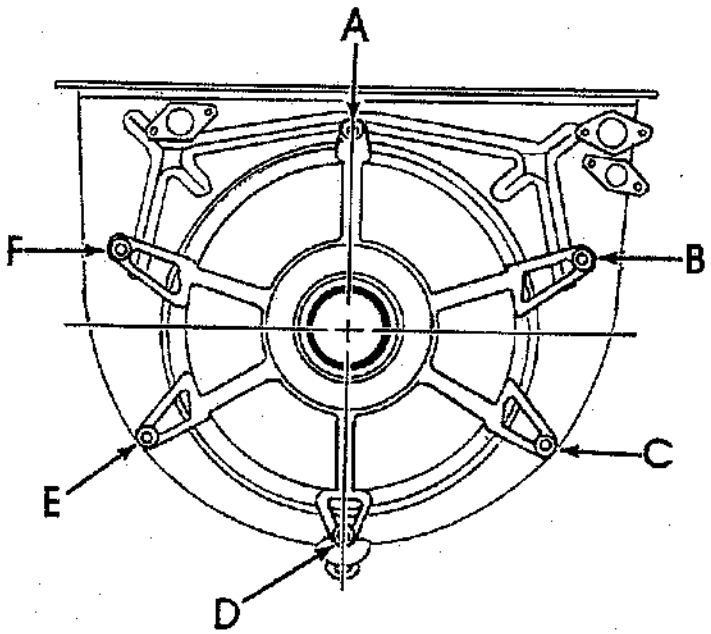
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]

86(12/985).

ROLLS-ROYCE 250 SERIES III & IV SHIM NOTICE

STANDARD AERO



EXHAUST COLLECTOR

Shim Position	Total Shim Thickness
A	.002
B	.004
C	.002
D	.004
E	.002
F	.000

Date	DEC 18 2008
SAL W/O	LW725525
Turbine S/N	CAT-90189

NOTE: Mount positions established as viewed from aft of engine.

ervice Accessory Record

Rolls-Royce

omenclature COMBUSTION LINER

Part I
Page No. 1

omponent serial number SL-1314716A
P/N 23066675

Engine Model 250-C30

Installed					Removed			
Date	Engine S/N	A/C S/N Reg. #	Accy. Time Since OH	Accy. Time Total	Date	Accy. Time Since OH	Accy. Time Total	Reason
DEC. 08	CAE 890807		NEW	0.0	30 APR. 09	NEW	136.2	O/H
MAY 09	CAE-890807		0.0	136.2	09 AUG 12			

11778(F) 5/00

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

Rolls-Royce

Part II

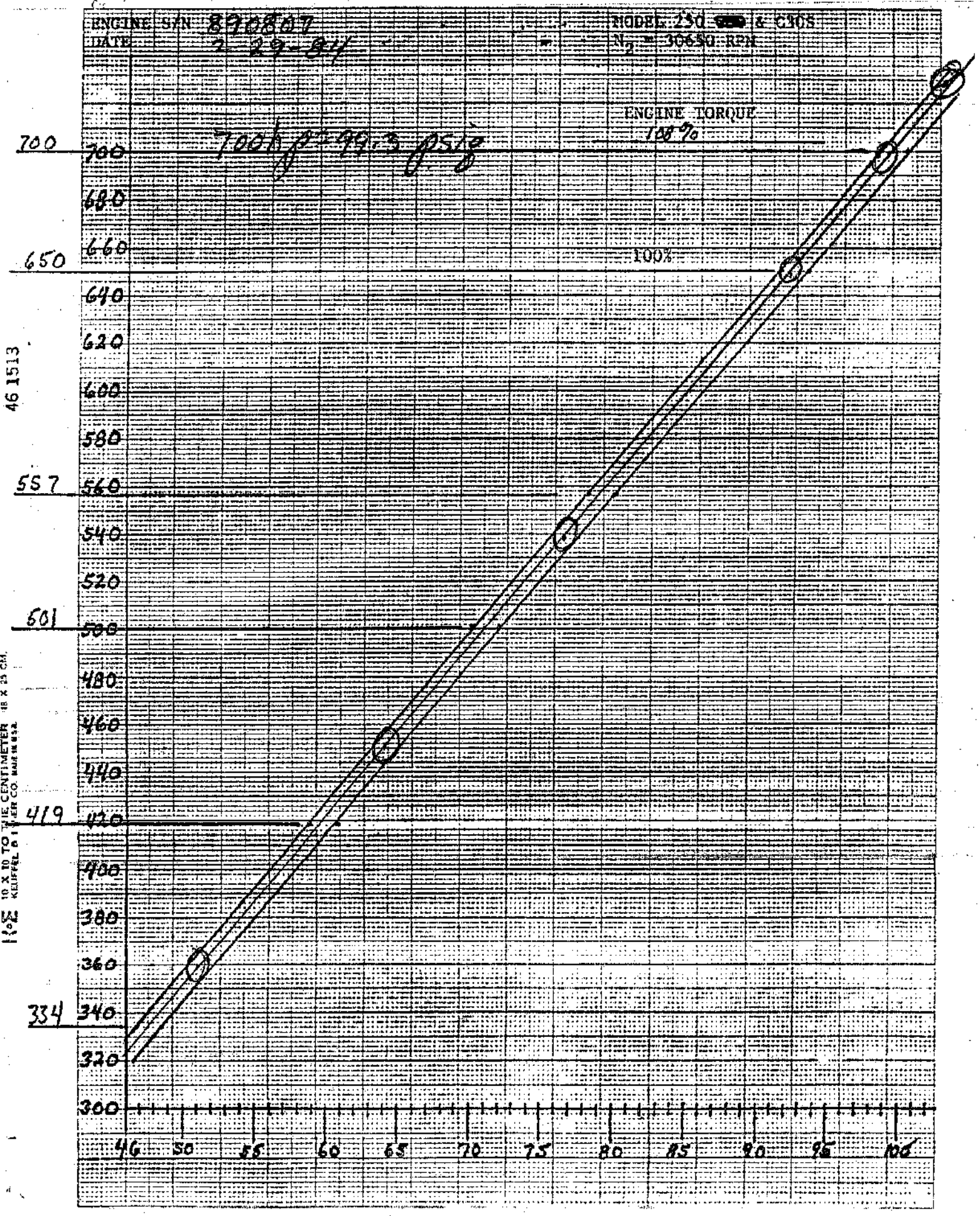
Nomenclature COMBUSTION LINER Page No. 1

Component serial number SL13476A Engine Model 250- C30

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 Since OH	Accy. Time Total	Remarks	Signature and Certificate No.
5 JUN 09	23066675	0.0	136.2	StandardAero www.standardaero.com 33 Allen Dyne Road Winnipeg, Manitoba Canada R3H 1A1 Phone: 204-788-2693 Combustion Liner p/n 23066675 s/n SL13476A has been overhauled in accordance with Rolls Royce 250-C30 Overhaul Manual 14W3 2nd Ed. 15th Rev. Dated 01/04/09. **The product is released serviceable for return to service.** All pertinent details of work performed are on file at this organization under Work Order LW727058.	SAL 561 QI SAL-AMO-22-58 Rebecca Perrault REBECCA PERRAULT

GT-11778 (B) 6/00


ENGINE S/N 870807
DATE 2-29-84
MODEL 250 & C30S
N_2 = 30650 RPM
ENGINE TORQUE
108%
100%
700hp @ 99.3 %Tq
700
680
660
650
640
620
600
580
557
560
540
520
501
500
480
460
440
419
420
400
380
360
340
334
320
300
46
50
55
60
65
70
75
80
85
90
95
100

JI-259
Rev. 2-23-84

PACKING ROOM CHECK SHEET
ENGINE
250-C30S, 250-C30P, C30M, C30

ENGINE S/N CAE 890807
C30S P/N 23005290
~~C30P~~ P/N ~~23004545~~
C30M P/N ~~23005219~~
~~C30~~ P/N ~~6890000~~
~~C30~~ P/N 23009300

Date 2-29-84 Contract or P/O
Date Shipped Destination S.O.
Weight 238.5 Shipped with G/B S/N CAG-90815 Compr. S/N CAC-90948
TSLO NEW TT NEW Turb. S/N CAT-95269

PART NAME	PART NO.	VP/N	S/N	PART NAME	PART NO.	VP/N	S/N
Fuel Control Gas Producer	23007850 ~~23007851~~ ~~23994537~~	2524745-19 ~~2524854-3~~ ~~2524854-1~~	337127	Bleed Valve	23005366		FF43535
				N2 Overspeed Control	23004821		RD13684
Governor Fuel Power Turb.	23007862 ~~23007863~~ ~~23004836~~	~~2524692-9~~ 2524692-7 ~~2524883-4~~		N2 Overspeed Valve Assy.	6899254	V5000-1310	1092
			30427	N1 Pickup	6898540	725291	A916
Fuel Pump	6896344 6896810 ~~6896822~~	5004506 394400-1 ~~388100-5~~	T30198	N2 Pickup	6899145 ~~6898872~~ ~~6899144~~	~~725336~~	A992
Fuel Nozzle	6899001	5233600	AG7732				

NEW (✓) OVERHAUL ( ) REPAIR ( ) MODIFICATION ( )

Inspector [illegible]

JI-250

Rev. 12-16-83

PACKING ROOM CHECK SHEET

GEAR BOX

250-C30, 250-C30P, C30S

GEAR BOX S/N CAG 90815

~~250-C30 HUGHES~~ P/N ~~23008586~~

-C30S P/N 23005652

~~250-C30M~~ P/N ~~23005656~~

~~-C30P~~ P/N ~~23005655~~

DATE 2-29-84 CONTRACT OR P/O _____ TSLO NEW

DATE SHIPPED _____ DESTINATION _____ TT NEW

S.O. _____ SHIPPED WITH: ENGINE S/N CAE- 890807

PART NAME	PART NO.	S/N

NEW (✓) OVERHAUL ( ) REPAIR ( ) MODIFICATIN ( )

Inspector Brown Certified Inspector _____

JI-261
Rev. 5/05/83

PACKING ROOM CHECK SHEET
COMPRESSOR UNIT

250-C30, 250-C30P

COMPRESSOR S/N CAC - 90948
P/N
P/N 23005250

Date 2-29-84 Contract or P/O TSLO NEW
Date Shipped Destination TT NEW
S. O. Shipped with: Engine CAE - 890807

PART NAME	PART NO.	S/N
Compressor Rotor	23005279	21522
Impeller Assembly	6899245	LP61896
Spur Adapter Gearshaft	~~23008070~~ 23008090	TH61481

NEW (✓) OVERHAUL. ( ) REPAIR ( ) MODIFICATION ( )

Inspector Brown Certified Inspector

J1-262
Rev. 9-22-83

PACKING ROOM CHECK SHEET
TURBINE UNIT
250-C30, 250-C30P, 250-C30S

TURBINE S/N CAT - 95269
P/N ~~23008490~~
P/N 23004540

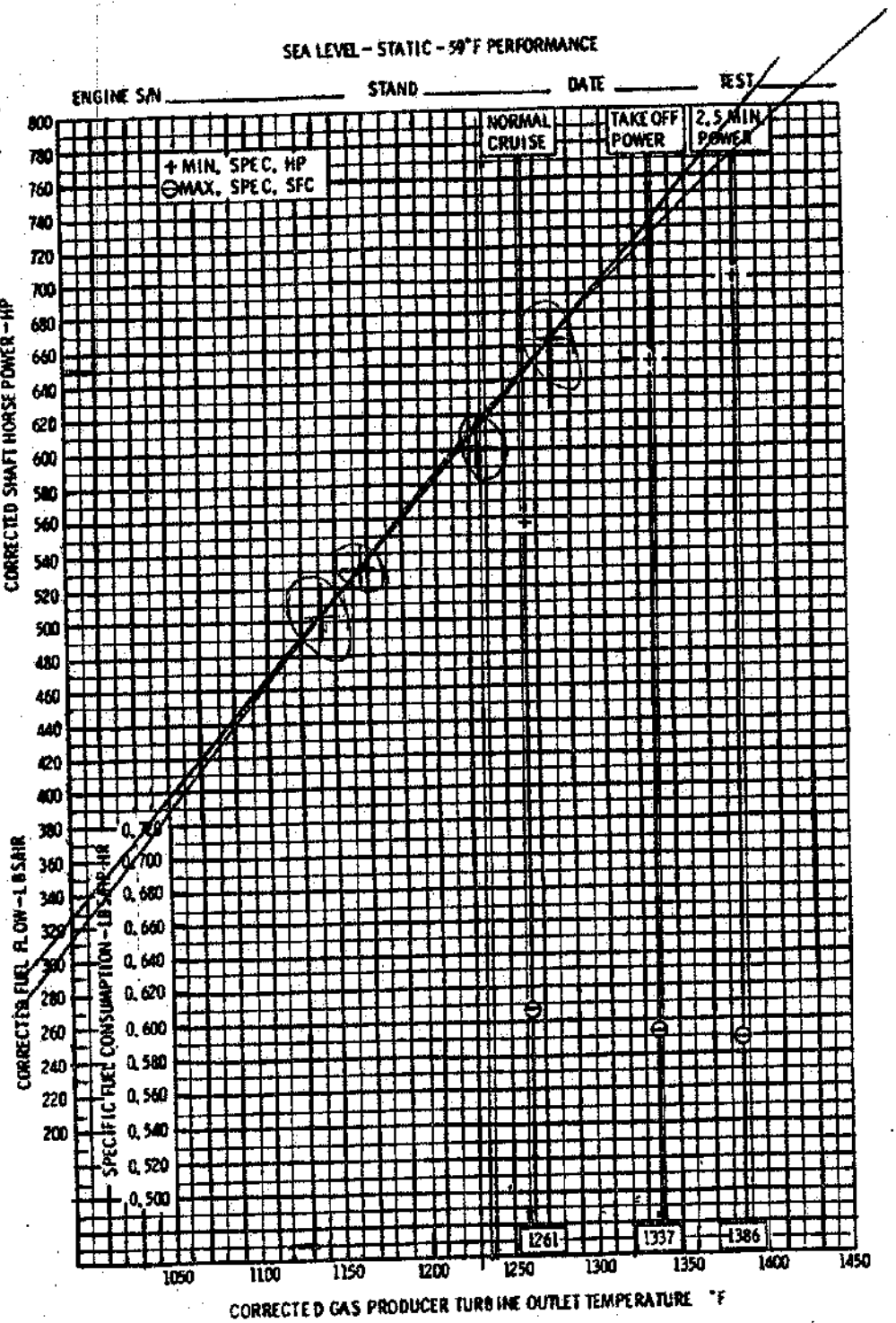
Date 2-29-84 Contract or P/O _____ TSLO NEW
Date Shipped _____ Destination _____ TT NEW
S. O. _____ Shipped with: Engine S/N CAE - 890807

PART NAME	PART NO.	S/N	PART NAME	PART NO.	S/N
Gas Turbine Rotor Assy.	~~23008589~~ 6898988	20994	Power Turbine Rotor Assy.	6898683	36039
1st Stg. Wheel	6898911	X 81092	3rd Stg. Wheel	6898663	HX50109
2nd Stg. Wheel	23004233	AD70770	4th Stg. Wheel	6892764	HX48086

NEW (✓) OVERHAUL ( ) REPAIR ( ) MODIFICATION ( )

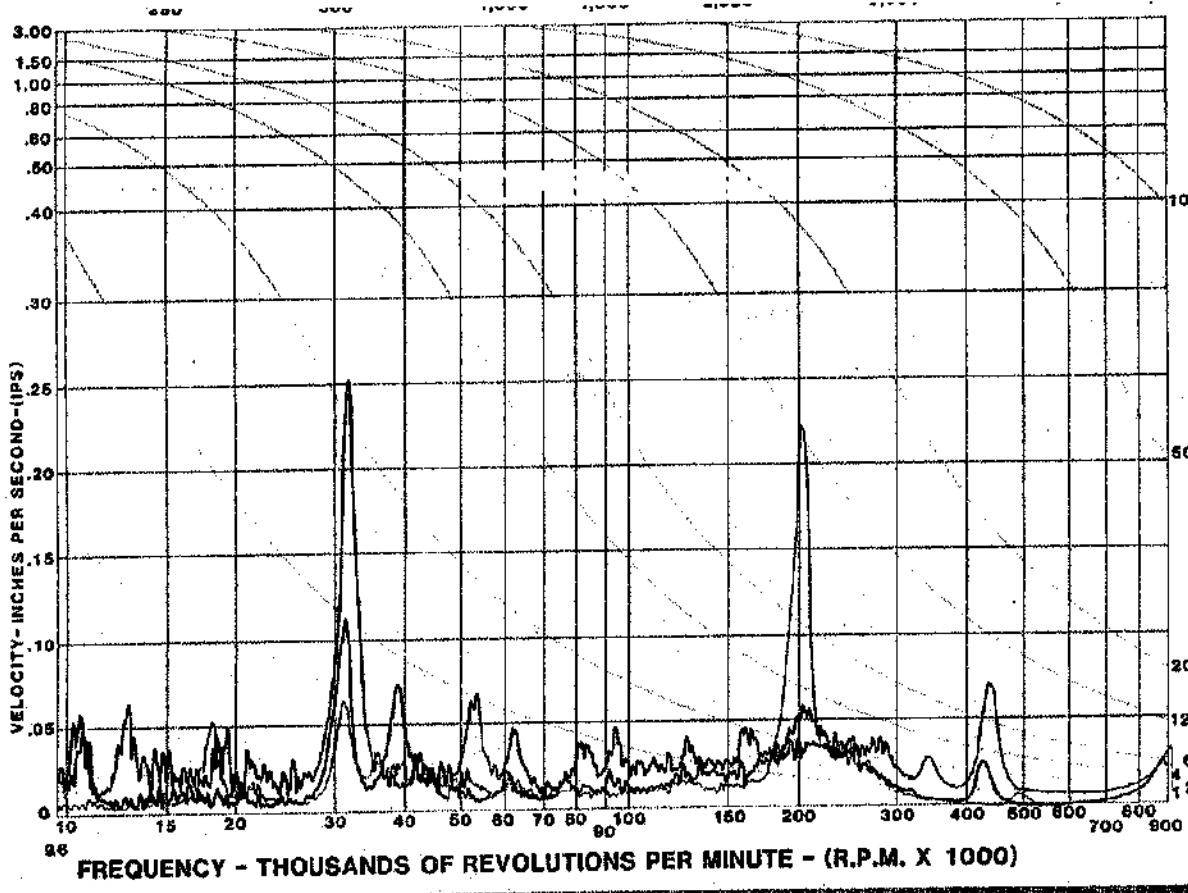
Inspector Brown Certified Inspector _____

SAE 890 2515
11th Rev 1
3-84



Sea Level Calibration 250-C30S
Figure 705B

CHADWICK HELMUTH Phone (213) 575-6161

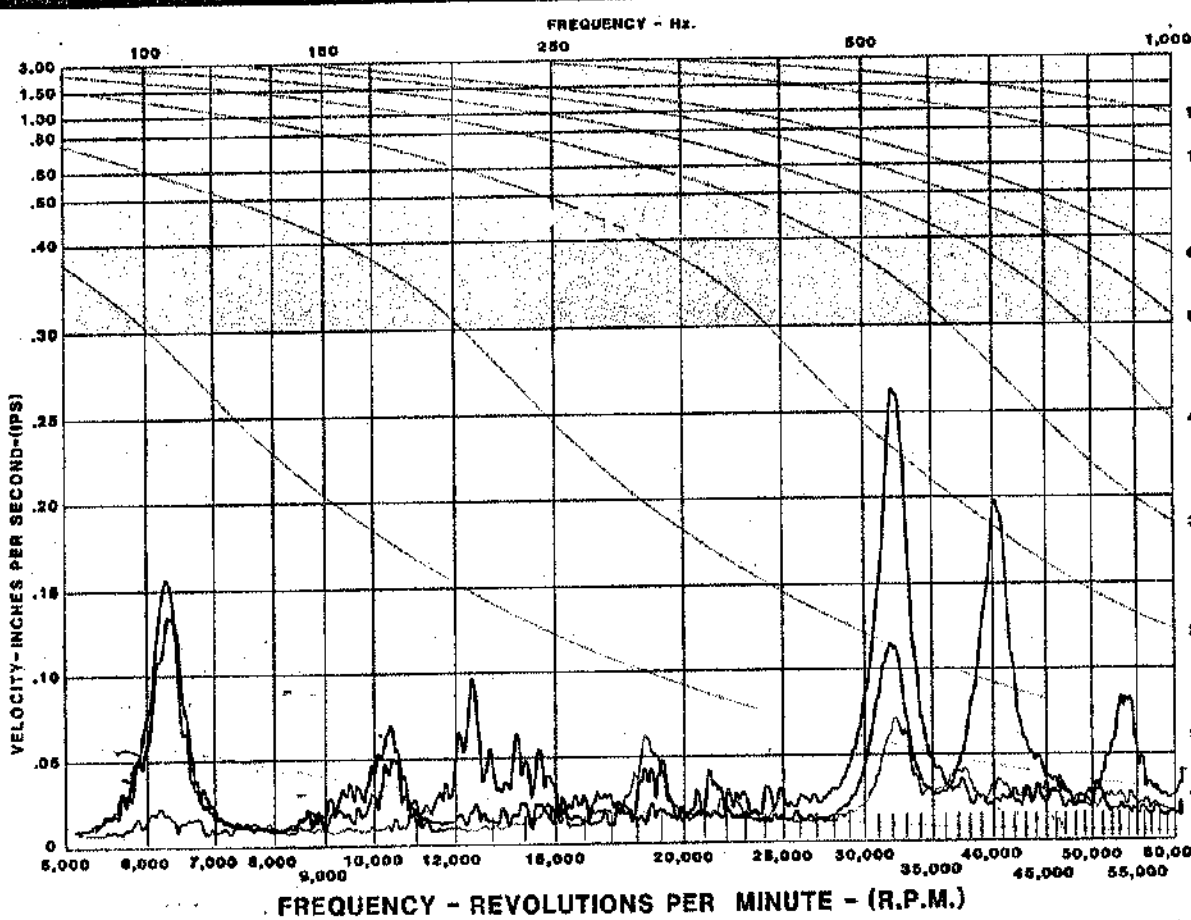


DATE
SUBJECT CASE 580 251S
I.D.# Cell #1 Run #1 Mic 109

1 GREEN 2 RED 3 BLACK

N1	61	76	101.5
N2	58	100	100
TQ	8	11	85

CHADWICK HELMUTH Phone (213) 575-6161



DATE 8-3-84
SUBJECT CASE 580 251S
I.D.# Cell #1 Run #1 Mic 109

1 GREEN 2 RED 3 BLACK

N1	61	76	101.5
N2	58	100	100
TQ	8	11	85

ALLISON 250 C-30 TEST RUN LOG

CELL # 1

TIME 1043 RUN # 1

		TEST POINTS			
	G/I	CR. A	M/C	T/O	2½ min.
N1 - 105% Max.	61	96.9	97.6	100.2	101.5
N2 - 107% Max.	58	100	100	100	100
TORQUE - 99 psig Max.		73	77	87	95
TORQUE - 7.5 kg in/lb Max.		5400	5710	6460	7025
- 611 ft/lb Max.		5400	5710	6460	7025
CONVERTED HP. - psig		516	544	615	672
lbs.		516	545	617	671
CONVERSION FACTOR (shp)		.9751	.9751	.9744	.9744
CORRECTED HP.		503	531	601	654
WATERBRAKE VIBRATION 2 Mils max	.05	.70	.70	.70	.70
GEARBOX VIBRATION .50 max.	.07	.14	.12	.13	.13
COMPRESSOR VIBRATION .60 max.	------	------	in/op	------	------
TURBINE VIBRATION .90 max.	.13	.67	0.54	.23	.22
TOT - °F.	884	1237	1261	1337	1386
TOT - °R.		1697	1721	1797	1846
TOT CORRECTION FACTOR		.9436	.9436	.9419	.9419
CORRECTED TOT		1141	1164	1233	1279
OIL DATA - press.	110	121	122	122	123
- temp. in/out	149/207	175/247	185/244	170/256	180/255
AIR TEMP. - inlet	86	87	86	88	87
DATA - o.a.t.	87	90	90	91	91
GEARBOX PRESS. - in. H2O	2	8.9	9.4	9.9	10.5
VENT PRESS. bg. 10" Max.	.7	5.2	5.0	5.4	5.5
COMPRESSOR DISCHARGE - press.	23	95	97	104	109
DATA - temp.	------	------	in/op	------	------
GEARBOX SCAVENGE (OIL)	22	30	30	31	31.5
FUEL DATA - press.	87	299	315	344	371
- TEMP.	88	88	87	87	87
INLET AIR PRESS.	------	------	30.1	------	

ENGINE S/N CAE 890251S

COMP. S/N CAC 90417

G/B S/N CAG 90256

TURB. S/N CAT 90030

FUEL SYSTEM: F/C S/N 331693 GOV.

TEST RUN REMARKS: 1) C/W 300 hour oi
unserviceable 3) C/W green run 4)
which is shown below. No unusual
Chip plugs are clean. 08-03-84

OIL CONSUMPTION START: ----oz. END:

RUN LENGTH: 45 M

POWER CHECK

TOT °C	670	682	725	73
H/P		642	725	775
SPEC	501	557	650	70
H/P	CRS. A	M/C	T/O	2½
% VAR		+15	+12	+1

SIGNATURE

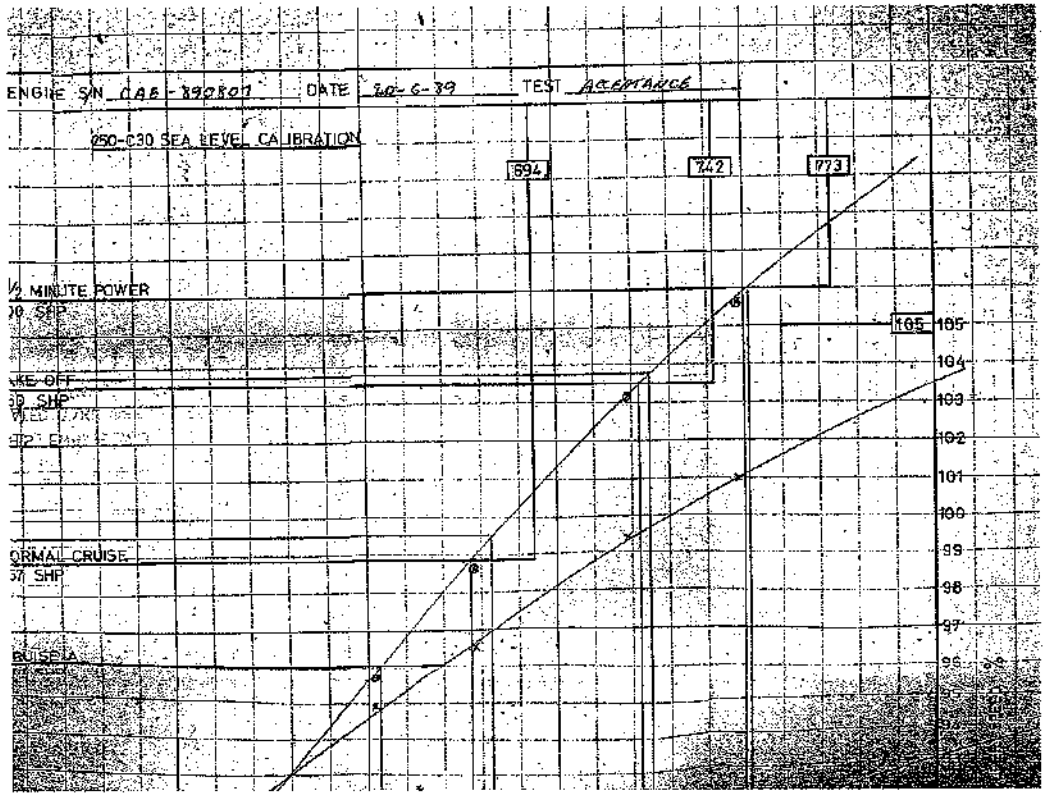
ROUTING FORM # W/O # DATE 08-03-84

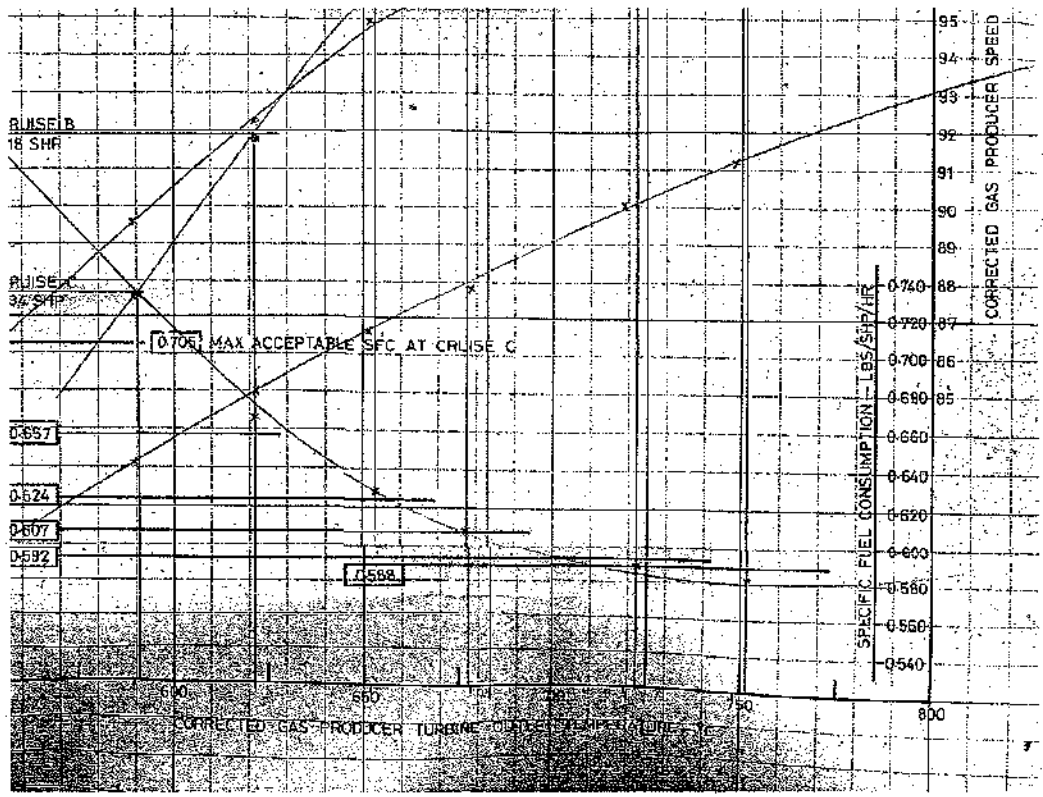
SERVICEABLE

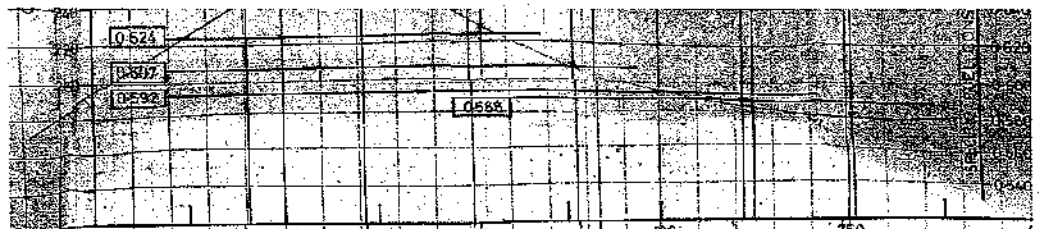
Engine has been tes

REPAIRED DUE TO:

REPAIRS MADE PRIOR TO THIS RUN:


ENGINE S/N CAE-390801 DATE 20-6-89 TEST ACCEPTANCE
250-C30 SEA LEVEL CALIBRATION
894
742
773
105
104
103
102
101
100
99
98
97
96
½ MINUTE POWER
SHP
SHP
SHP


CRUISE B
18 SHP
CRUISE C
34 SHP
0.705 MAX ACCEPTABLE SFC AT CRUISE C
0.657
0.624
0.607
0.592
0.568
95
94
93
92
91
90
89
88
87
86
85
0.740
0.720
0.700
0.680
0.660
0.640
0.620
0.600
0.580
0.560
0.540
CORRECTED GAS PRODUCER SPEED
SPECIFIC FUEL CONSUMPTION - LBS/SHP/HR
600
550
800
CORRECTED GAS PRODUCER TURBINE OUTLET TEMPERATURE - °C



THIS ENGINE WILL PRODUCE
RATED TAKE OFF POWER (650 SHP)
AT 99.5 % N_1
AND 72½ °C GPTOT,
AT A TORQUEMETER PRESSURE OF
72.5 PSI

	CRUISE C	CRUISE B	CRUISE A	NORMAL CRUISE	TAKE OFF	2½ MINUT
SHP	334	418	501	552	650	70
SFC	0.735	0.667	0.629	0.609	0.588	0.5
MAX ALLOW SFC	0.719	0.666	0.624	0.607	0.592	0.58
% VARIANCE	+1.7	+0.3	+0.8	+0.3	-0.7	-1.2

GPTOT	683	725	7
SHP	570	655	7
MIN ALLOW SHP	557	650	70
% VARIANCE	+ 2.3	+0.8	0

ALLISON 250 PERFORMANCE CALCULATION SHEET

ENGINE S/No CAE. 890807 JOB No CAE-250 TEST DATE 20-6-89

PARAMETER						
A.I.T. °C	13·2	18·3	18·3	18·3	18·7	18·7
°F						
OBSERVED N1% (N1o)	90·1	93·7	95·8	97·1	100·0	101·6
N1 CORRECTION $1/\sqrt{\theta}$ $\left(\theta = \frac{AIT°K}{288}\right)$						
CORRECTED N1% (N1o/$\sqrt{\theta}$)	89·6	91·2	94·9	96·5	99·4	101·0
EXH STAT "H_2O GAUGE	0·2	0·4	0·6	0·8	0·7	0·9
FUEL TEMP	18·6	18·6	18·6	18·6	18·6	18·6
BAROMETER "Hg ABS Pa	30·09					
S.G. AND TEMP	·800	@ 19°				
DYNAMOMETER FORCEMETER %	46·4	58·9	69·8	78·2	90·9	99·8
OBSERVED S.H.P. FORCEMETER	332	429	500	560	651	712
S.H.P. CORRECTED. FORCEMETER	329	417	494	556	644	704
OBSERVED SHP T/M	336	421	501	558	651	700
CORRECTED S.H.P. T/M	333	416	495	552	644	693
TORQUEMETER PRESSURE P.S.I.G.	47·8	59·8	71·2	79·3	92·5	99·5
OBS. FUEL FLOW LB/HR	282	380	472	537	630	694
FUEL FLOW CORRECTIONS BARO/AIT						
S.G.						
L.H.V.						
RPR						
CORRECTED FUEL FLOW LB/HR	282	380	472	537	630	694
S.F.C. LB/HP-HR	·737	·672	·652	·604	·541	·575
O.B.S. G.P.T.O.T. °C	599	632	662	689	730	759
°K						
G.P.T.O.T. CORRECTIONS BARO/AIT						
RPR						
CORRECTED G.P.T.O.T. °C	589	622	652	678	719	748

WORK ORDER 1261-840 OIL SPEC. MIL-L-23699 INSPECTOR SNW HAWKER DE

ENGINE S/No. CAE-89280 FUEL TYPE JET-A1 L.H.V. 18400

ENGINE MODEL C 30S FUEL S.G. 800 D. 19 DK FUEL HEAT CORR. -1.013

T.S.N. 1503·3 HRS. SEAL VENT ORIFICE DIA 0·2

T.S.R. NIL HRS. OPERATOR

T.S.O. N/A HRS. OBSERVER

LOG

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
Time	Baro. ins.Hg (Corr.)	A.I.T. °C	Obs. Fuel lbs/hr	G.R. T.O.T. °C	Brake Load	Torque p.s.i.	Ex.Stat. Press. "H₂O(G)	Ex.Stat. Press. "Hg(A)	N_1	N_2	Inlet Δ P "H₂O(G)		Before Filter p.s.i.	After Filter p.s.i.	
					MOTORING		CHECK		C/O			026	PRESSURE		
16:20	30·02	START		TCL & SEL			MAX		TQT		150				
		17·2	97	510	1·3	0	0·3		62·3	92·7	4·2				
			N2	OVER	SPEED		CHECK				CUT	IN	69·9		
			SEAL	FUEL	IN		C/O								
			NV	NOT	CROSSING				ABOVE		70	PSI	TORQUE		
0:30	16·50	STOP		END	48 SEC.		BLEED		VALVE		S/N FF	304	30	REMOVE	
	18·16	START			TCL & SEL		MAX		TQT		700			SATISFA	
		17·6	380	736	90·1	92·5	0·6		99·8	100	31·3				
		18·1	405	760	98·9	99·5	0·9		101·1	100	32·0				
		17·8	391	750	90·8	92·9	0·8		100·1	100	31·2				
		18·2	381	729	91·6	92·9	0·7		99·4	100	31·8				
		17·6	121	533	2·0	0	0·5		71·4	100·2	6·8				
				ACCELERATIONS		AND	DECELERATION						FB	TO	T
													TB	TO	
													GB	TO	
	30·09		PERFORMANCE			CURVE									
		18·4	342	599	46·4	47·8	0·2		90·1	100	20·9				9
		18·3	280	632	58·9	59·8	0·4		92·4	100	28·2				9
		18·3	312	662	69·8	71·2	0·6		95·4	100	27·4				9
		18·3	332	689	78·2	79·3	0·6		97·1	100	29·1				8
		18·3	380	730	90·9	92·5	0·7		100·0	100	31·5				9
		18·3	404	759	99·4	99·5	0·9		101·6	100	32·5				
		18·8	242	549	46·8	47·8			90·2	100					
1:50	19:35	STOP		END	52	SECS.					FILTER	AND	CHIP	DETECT	
													PLUG	SYSTEM	

AWKER DE HAVILLAND AUSTRALIA PTY. LTD.

BANKSTOWN, N.S.W.

LOG OF ENGINE TEST

ALLISON 250 SERIES

SHEET 1 OF 1 SHEETS

TEST DATE 10-6-89

NATURE OF TEST ACCEPTANCE

14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30
Before Filter p.s.i.	After Filter p.s.i.	Engine Inlet p.s.i.	Engine Inlet °C	Comp. Discharge p.s.i.	Outlet Press. "Hg	Outlet Temp. °C		Seal Vent ins hg	Main Press p.s.i.	Scav. Press p.s.i.	Inlet Press. p.s.i.	Inlet Temp. °C	Outlet Temp. °C	G/Box Press p.s.i.	Tank Level	G/B Inlet
PRESSURE		RECEIVED				LINES		INS	60-2	c/o						AFT
		10	17.4		47	136		1.0	97	20	-16	31	56	0.7		
59.7				TRAP	CHECK											
VALVE																
>	REMOVED			S/N	FF3-6221	FITTED.										
	SATISFACTORY				c/o	OPERATION										
		10	18.5		221	321		7.0	120	27	-15	97	97	9.0		20
		9	19.1			334			120			99	101			20
		9	19.1		218	328		7.4	120	27	-14	97	97	11.6		20
		9	19.1		218	324		6.3	120	27	-14	99	100	11.6		20
		9	18.1		66	180		1.2	109	21	-11	50	82	9.4		21
F/I	TO	T/O	8 Sec	MAX TOT TSV												
T/O	TO	F/I	8.2 Sec													
S/I	TO	T/O	8.2 Sec													
		9	18.6		155	268		5.0	119	24	-13	95	98	11.5		22
		9	18.6		172	283		5.2	119	26	-13	98	99	11.1		20
		9	18.6		192	299		5.0	119	26	-13	98	99	11.2		22
		8	18.6		202	307		6.2	119	26	-13	50	99	11.8		23
		9	18.6		216	322		6.2	120	26	-13	52	101	12.1		25
			18.6		225	331			120			53	103			25
									119	25	-13	97	90			20
2	DEFECTS AS		QUENCH		SATISFACTORY											
	SYSTEM		IGNITION		OK											

[redacted]

ALIA PTY. LTD.

TEST

SHEET 1 OF 1 SHEETS
TEST DATE 20-6-89
NATURE OF TEST ACCEPTANCE

OIL CONSUMPTION NIL
FUEL DRAINAGE
COMBUSTION CHAMBER NIL CC/MIN.
FUEL PUMP SEAL NIL CC/MIN.
EXHAUST COLLECTOR NIL CC/MIN.
FIRE SHIELD NIL CC/MIN.

23 Fuel Flow Gals/hr	24 Main Press p.s.i.	24 Scav. Press p.s.i.	25 Inlet Press. p.s.i.	26 Inlet Temp. °C	27 Outlet Temp. °C	28 G/Box Press. p.s.i.	29 Tank Level	30 G/Box in/sec.	31 Turbine in/sec.	32 Comp. in/sec.	Remarks
2 IDLE	60-2	C/O						42156	39456	28618	
1·0	97	20	-16	31	56	0·7		1·7	1·6	1·3	GROUND IDLE
FITTED.											
7·0	120	27	-15	97	97	9·0		2·2	2·9	2·3	TAKE OFF
	120			99	101			2·1	2·9	2·2	2½ MIN POWER
7·8	120	27	-14	97	97	11·6		2·1	2·5	2·5	ANTI ICE ON
6·1	120	27	-14	99	100	11·6		2·16	2·6	2·21	ANTI ICE OFF
1·2	109	21	-12	50	82	9·9		2·1	1·9	1·7	GOV DROOP
5·0	119	24	-13	95	98	11·5		2·2	2·9	1·9	CRUISE 2' (OIL COOL FAILED)
5·2	119	26	-13	98	99	11·1		2·0	2·9	1·8	CRUISE 8'
5·0	119	26	-13	98	99	11·2		2·2	3·0	2·2	CRUISE 4'
6·2	119	26	-13	50	99	11·8		2·1	2·8	2·3	NORMAL CRUISE
6·2	120	26	-13	52	101	12·1		2·5	3·0	2·3	TAKE OFF
	120			53	103			2·5	3·4	2·3	2½ MIN POWER
	119	25	-13	97	90			2·20	2·6	1·8	CRUISE 2' (OIL COOL HOT)

FACTORY

24/8/89

Mandatory — Canadian Helicopters Limited — Mandatory Maintenance Advisory — Mandatory — Form CH-26

Page 1 of 2

Date: January 25th 2006

Subject Document: **Memo CHL-412**
Installation Of Fixed Vibration Analysis Brackets On The C30S Engines

Engine Model: **RR250-C30S Engines**

Engine Serial Number: [redacted]

Compliance Is Required: **Prior to being returned to CHL**

CHL has determined that a 150-hour engine vibration analysis will be carried out on the Rolls-Royce 250-C30S engines installed on the S76A A/C. To facilitate the inspection an accelerometer bracket will be permanently mounted on the compressor and the turbine sections of each engine.
Memo CHL-412 has been issued to provide instructions for the installation of the brackets.
The engine vibration check, RR250-SIH-0150, will be added to the S76A SIR section of the AIP and scheduled in the AS400 following the completion of Memo CHL-412.

Reference: Rolls-Royce 250-C30 Series Operation And Maintenance Manual; 72-00-00, pages 604 through 624.

Instructions for compliance:

- ☐ For each installed engine carry out the following:

  NOTE: If any problems are encountered with the following procedures contact the Regional Assistant Chief Engineer to resolve the issues.

  - ☐ Using 1 Allen head screw P/N: 8549469-0809 install the bracket for the compressor as shown in picture #1 (below).

    CAUTION: Use extra care installing the Allen head screw.
    Due to the location of on the A/C the screw can be easily misaligned and cross-threaded.

    NOTE 1: The P/N of the bracket will depend on which part is supplied with the MMA.
    (Any of the following P/N's are acceptable: 23094204, 11758 or 994167-02)

    NOTE 2: The bracket must be installed vertically on the front side of the compressor-to-inlet housing split line at the 12 o'clock position.
    The alignment stud must face the LH side of the engine (as shown in picture 1, below).

    NOTE 3: The bracket must remain with the Engine when future engine changes occur.
    Replacement engines will come to the A/C with the bracket installed.

Picture 1: Compressor Bracket (side view)

Continued on the next page

NOV 0 7 2007

Date: January 25th 2005

Subject Document: Memo CHL-412

Installation Of Fixed Vibration Analysis Brackets On The C30S Engines

Engine Model: RR250-C30S Engines

Engine Serial Number: CAE-869807

Compliance is Required: Prior to being returned to CHL

Continued from the previous page.

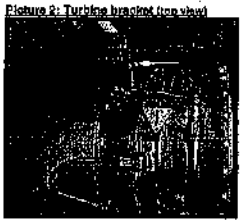
- ☐ Using 1 T-Bolt P/N: MS9432-07 and 1 Nut P/N: MS21043-3 install the turbine mounted bracket as seen in picture #2 (below).

  NOTE 1: The P/N of the bracket will depend on which part is supplied with this MMA. (Any of the following P/N's are acceptable: 23032993, 8422 or 054167-01)

  NOTE 2: The bracket must be installed vertically on the aft side of the gas producer-to-power turbine support split line at the 12 o'clock position. One Apex of the bracket must face the R/H side of the engine (as shown in picture 2, below).

  NOTE 3: The bracket must remain with the engine when future engine changes occur. Replacement engines will come to the A/C with the bracket installed.

Picture 2: Turbine bracket (top view)



- ☐ Upon completion of the above maintenance enter the following statement on the engine log card: **"Memo CHL-412; Installation of fixed vibration analysis brackets on the C30S engines; carried out on engine S/N:CAE-869807."**

  Please initial here to confirm compliance: [illegible]

  Carried out on SAL Work Order: LW59261

Routing:

1. A/C Copy: Attach to Journey Log YELLOW page AFTER the requirements of this document have been met and log entries made.

Office Use Only	ATA Code: 161072	C	FE	NA	NP	NS	NM	PC

Effective: 02 February 2005

COLHELI ARRO

AVIALL FPM DAL

12-16-85

COLOMBIA
HELICOPTERS
ATTN: BOB NIEHART

SUBJECT: CEB COMPLIANCE

ENGINE CAE 898415

72-3059	C/W AT AIRLOG
72-3100	C/W AT AIRLOG
72-3096	C/W AT AIRLOG
72-3134	C/W AT AVIALL PART II - DOES NOT HAVE 23000000 SCALLOPED. HAS ORIGINAL 689 PART NUMBER GOOD THROUGH NOVEMBER 1986.

ENGINE CAE 898708

72-3059	C/W AT ALLISON
72-3100	C/W AT ALLISON
72-3096	C/W AT ALLISON
72-3134	C/W AT AVIALL AD 84-24-54

ENGINE CAE 898781

72-3100	C/W AT ALLISON
72-3134	C/W AT PHI AD 84-24-54
72-3096	C/W AT ALLISON
72-3059	C/W AT ALLISON

ENGINE CAE 898887

72-3100	C/W AT ALLISON
72-3134	C/W AT PHI
72-3096	C/W AT ALLISON
72-3059	C/W AT ALLISON

CEB 72-3146 HAS BEEN COMPLIED WITH ON ALL FOUR ENGINES.

REGARDS,

TOM HALL
ALLISON 250
SERVICE REP
AVIALL
TELEX 791585

AUSTRALIAN TURBINE SERVICES

(OWNED AND OPERATED BY HAWKER DE HAVILLAND LIMITED)

P.O. BOX 30, BANKSTOWN, N.S.W. 2200, AUSTRALIA, TELEPHONE (02)7084999, TELEX: 177121

LEASE NOTE–DELIVERY NOTE

NO 96773

D AS A RELEASE NOTE UNLESS SIGNED BY AN APPROVED RELEASE NOTE SIGNATORY

ERS ORDER No: - ATS WORK ORDER No. CEZ-840 ORDER COMPLETE YES/NO

ER:
COPTER RESOURCES (OFFSHORE) PTY LTD
AVRO STREET
STOWN AIRPORT NSW 2200

DELIVER TO:
HELICOPTER RESOURCES PTY LTD
600 PRENTICE STREET
BANKSTOWN AIRPORT NSW 2200

Container No. & Type | Packed By
Gross Weight | Dimensions
Package Markings | Despatched By
Forward per Transport Type ATS COURIER | Date 22 JUNE 1989

eive the undermentioned Goods in good order and condition:

Receiving Carrier's Signature

IDENT No. / STORES REF DRG No. / PART No.	DESCRIPTION & SERIAL No.:	QTY	BATCH No. or INSPECTION REF	TEST REPORT / REMARKS
23005290	C30S ENGINE ASSY. SERIAL NUMBER : CAE890807	1		REPAIRED IN ACCORDANCE WITH ALLISON OPERATION AND MAINTENANCE MANUAL TSN : 1503.3

or deviations from order/contract must be notified to Company within seven (7) days from date of delivery.
elivered herein are subject to the Company's terms and conditions of business.

Received and Accepted by

T OF AVIATION APPROVAL No. 2369

note is issued under the authority granted
etary Department of Aviation

alf of
USTRALIAN TURBINE SERVICES
22-6-89.

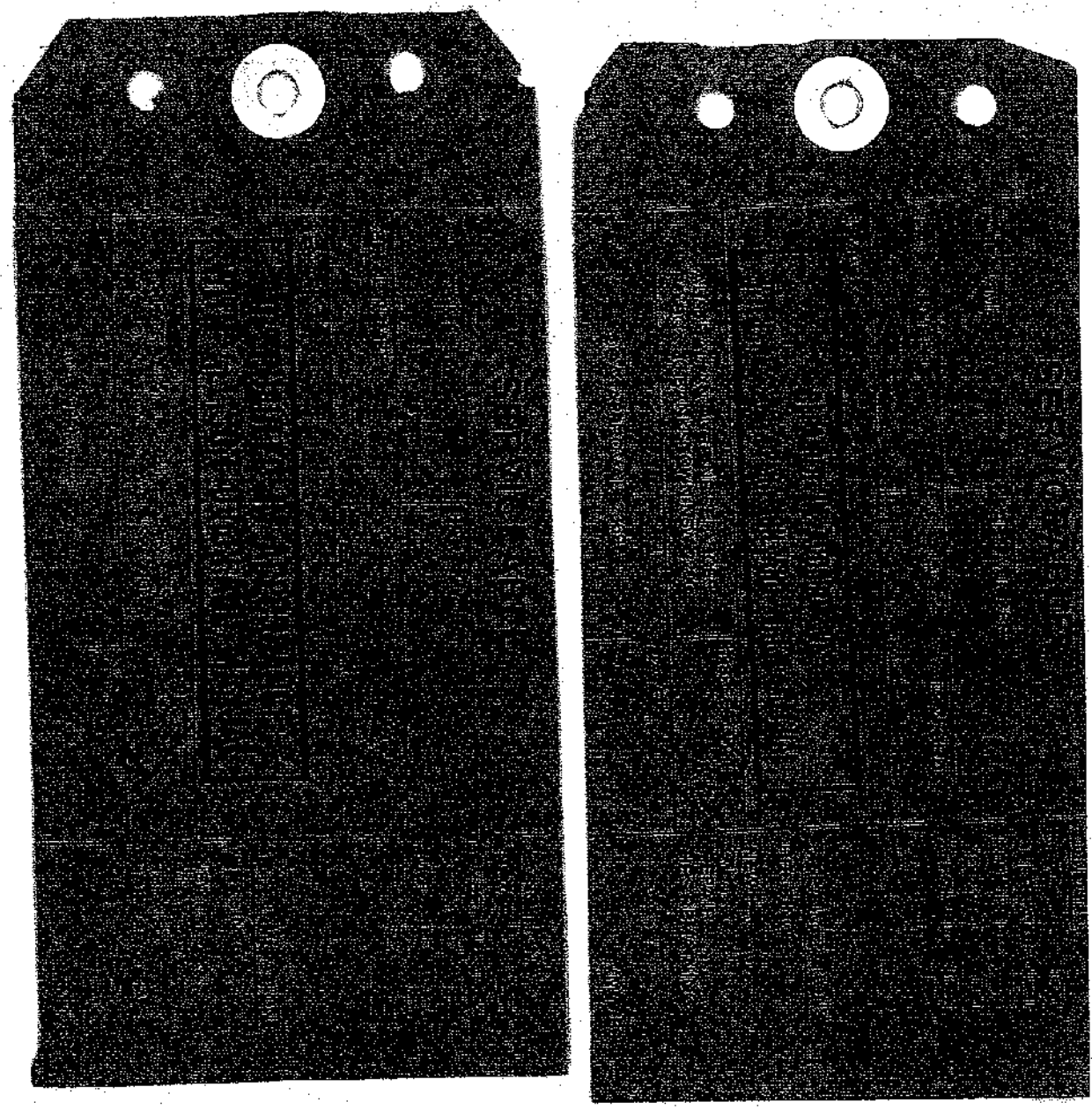
COMPANY RELEASE

Certified that the material/parts listed above are hereby released as being in full compliance with the order requirements except as varied by remarks.

SIGNED _____ Manager

for & on behalf of
AUSTRALIAN TURBINE SERVICES

DATE: _____



STANDARD AERO

Rolls-Royce

ENGINE TEST RESULTS

Model 250-C30SE

Customer: CANADIAN HELICOPTERS LIMITED *
Date: 17-OCT-2007
TCN: LW656888
S/O: GUCZ9N

Engine S/N: CAE890807
Comp S/N: CAC90639
Turbine S/N: CAT90189
Gearbox S/N: CAG90514
RGB S/N: N/A

Engine performance data corrected to sea level, static (unity ram) standard day

Setting	CRC	CRB	CRA	NCR	TO	2.5 Min
GPTOT				1240.0	1317.0	1371.0
SHP				581.6	664.7	718.5
Min Allow	334.0	418.0	501.0	557.0	650.0	700.0
% Var				+4.4 %	+2.3 %	+2.6 %
SFC	0.706	0.643	0.606	0.582	0.567	0.561
Max Allow	0.719	0.665	0.624	0.607	0.592	0.588
% Var	-1.79 %	-3.29 %	-2.89 %	-4.10 %	-4.19 %	-4.60 %

T/M Calibration at 700 HP = 99 PSIG

Seal Vent Orifice Size = -4

I hearby certify that the engine identified above has been tested in accordance with Rolls-Royce overhaul manual 14W3 ED2 REV 13 01 APR 2007 for the specified workscope.

Rebecca Perrault

SAL 661 QI

Standard Aero Ltd.

LW656888 TABLE 603 CAE 890807 OCT 19 2007

INITIAL	150 HOUR INSPECTION	REFERENCE SECTION	REMARKS
SAL 1000 DI	1. Inspect the engine for obvious loose bolts, broken or loose connections, security of mounting accessories, and broken or missing safeties. Check accessible areas for obvious damage and evidence of fuel and oil leakage. Check B–nuts for presence and alignment of torque stripes. B–nuts with missing torque stripes must be loosened and retightened, before application of new torque stripes.		
SAL 1000 DI	2. Inspect the compressor impeller leading edges for damage.	72–30–00, para 4.B.	
SAL 1000 DI	3. Clean the compressor, as required, with a chemical wash solution if dirt buildup is evident.	72–30–00, para 5.B.	
SAL 1000 DI	4. Without disassembly, inspect the turbine and exhaust collector supports for condition of welded joints, cracks and buckling.	72–50–00, para 6.L. and para 8.B.	
SAL 1000 DI	5. Using a small mirror and a flashlight, inspect flow divider inside turbine and exhaust collector support for cracks or separated tack welds. If cracking of sheet metal or welds is found but limits are not exceeded, inspect every 25 hours until support is repaired, flow divider is removed, or limits are exceeded.	72–50–00, para 6.L. and para 8.B.	Compliance with 250 CEB 72–3040 eliminates this inspection requirement.
SAL 1000 DI	6. Inspect the engine fuel system for evidence of leakage. Check condition and security of fittings and tubing. Check fuel control lever for freedom of operation and full travel. Check condition and security of all linkages.	73–00–00, para 2.A.	
SAL 1000 DI	7. Inspect the engine mounts for condition and security. (REAR)		
SAL 1000 DI	8. Perform a detailed visual inspection of the outer combustion case. Using a bright light (flashlight or equivalent), inspect all weld areas for cracks.	72–40–00, para 2.B.(1)	Outer combustion cases without brazed reinforcement wire patches, comply with inspection requirements of 250 CEB–A–72–3115.

LW656888

TABLE 603 (cont)

CAE890807

OCT 19 2007

INITIAL	150 HOUR INSPECTION	REFERENCE SECTION	REMARKS
SAL 1000 DI	9. Inspect electrical harness for loose, chafed, frayed, or broken wires and loose connectors.		
N/A	10. For aircraft with external energy absorbing ring installed, inspect ring upper bracket for cracks.		Reference 250 CEB–A–72–3124, Revision No. 2
	CAUTION: NORMAL ENGINES USE A MINIMAL AMOUNT OF OIL. HOWEVER, ANY SUDDEN INCREASE IN OIL CONSUMPTION IS INDICATIVE OF OIL SYSTEM PROBLEMS AND MUST BE CORRECTED.		
N/A	11. Check oil supply level. NOTE: Check oil supply level within 15 minutes of engine shutdown.	72–00–00, Table 101 Trouble–shooting, items 17 and 18.	If the engine has been idle for more than 15 minutes, motor the engine for 30 seconds to scavenge any oil that may have drained into the gearbox from the oil tank. Failure to completely scavenge the oil from the gearbox will cause a false indication of high oil consumption. See Post Flight Check No. 3
SAL 1000 DI	12. Inspect for extension of impending oil filter bypass indicator. If indicator is extended, clean oil filter.	72–60–00, PARA 1.C.	It is possible for the impending oil filter bypass indicator to extend during a start of a cold soaked engine, giving an erroneous indication of a dirty oil filter. If the impending filter bypass indicator is extended, run the engine until the oil is at operating temperature and push the indicator button in. If the button remains in throughout the normal speed range of the engine, the filter does not require cleaning.

LW656888 TABLE 603 (cont) CAE890807 OCT 19 2007

INITIAL	150 HOUR INSPECTION	REFERENCE SECTION	REMARKS
	CAUTION: WHEN THERE IS EVIDENCE THAT THE AIRFRAME OR ENGINE FUEL FILTER HAS BEEN BYPASSED, THE GAS PRODUCER FUEL CONTROL INLET FILTER, THE FUEL NOZZLE FILTER, MUST BE CLEANED. (REFER TO SPECIAL INSPECTIONS, 72–00–00, TABLE 607) IF ANY CONTAMINATION IS FOUND IN THE FUEL NOZZLE FILTER, THIS WILL REQUIRE THAT THE FUEL CONTROL BE SENT TO AN AUTHORIZED REPAIR FACILITY FOR INTERNAL CLEANING. REFERENCE MUST ALSO BE MADE TO THE AIRFRAME MAINTENANCE MANUAL FOR FUEL SYSTEM MAINTENANCE FOLLOWING FUEL CONTAMINATION.		
SAL 1000 DI	13. Inspect for extension of impending fuel filter bypass indicator.	73–10–05, PARA 2. 73–20–02, PARA 5.A.	If indicator is extended, replace fuel filter. Inspect fuel filter in the fuel control and the filter in the fuel nozzle. Ground run engine to assure proper operation of control system.
SAL 1000 DI	13.A. Clean and inspect the fuel nozzle. If no airframe mounted fuel filter is installed, inspect the fuel nozzle filter.	73–10–03	Install fuel nozzle with proper number of spacers.
SAL 661 QI	14. Record component changes, inspections, and compliance with technical instructions as required. Report engine difficulties to Rolls–Royce and/or Authorized Maintenance Center (AMC) on Model 250 report, Form 8117–1 (Rev. 5–94) as required.		
SAL 1000 DI	15. Without disassembly, check the compressor discharge air tubes. Inspect for air leaks, dents, cracks, chafing, and proper clamping.	72–40–00, Table 203.	
SAL 1000 DI	16. Inspect compressor scroll for cracks. Pay particular attention to welded areas.		
SAL 1000 DI	17. Clean the burner drain valve.	72–40–00, PARA 3.	Ensure that the airframe overboard is clear. Refer to aircraft manual for maintenance procedures.
SAL 1000 DI	18. Inspect the anti–icing, bleed air, and overspeed solenoid valves for loose, chafed, frayed or broken wires, loose connections and security of attachment.		

LW656888 TABLE 603 (cont) CAE890807 OCT 19 2007

INITIAL	150 HOUR INSPECTION	REFERENCE SECTION	REMARKS
SAL 1000 DI	9. Inspect the horizontal and vertical firewall shields for cracks.	72-50-00, PARA 6.K.	Continued sheet metal or tube cracking may be an indication of excessive engine, engine accessory, or airframe vibration.
N/A	20. Check fuel control and power turbine governor for proper rigging.	73-20-01, PARA 2.C. and 73-20-02, PARA 2.C.	
SAL 1000 DI	21. On power and accessory gearbox cover, check the applied torque on all turbine and exhaust collector support-to-gearbox retaining nuts.	72-50-00, PARA 1.B.	Torque must be 120-150 lb in. (14-17 N·m). Compliance with 250 CEB-72-3017 cancels this periodic inspection requirement.
SAL 1000 DI	22. Remove, clean, operationally test, and reinstall the magnetic drain plugs: a. Standard type – check the chip detector end of the plugs for cracks. b. Quick disconnect – inspect the locking pins and flanged inserts for wear.	72-60-00, PARA 4.B.	Torque 60-80 lb in. (6.8-9.0 N·m). No cracks are acceptable. Check each chip detector separately.
SAL 1000 DI	23. Inspect ignition lead for burning, chafing or cracking of conduit. Also, check for loose connectors and/or broken lockwire. Perform operational check of ignitors.	74-20-02, PARA 2. 74-20-01, PARA 2.B.	
SAL 1000 DI	24. Remove, inspect, clean and reinstall the oil filter.	72-60-00, PARA 1.C.	
N/A	25. Measure and record power turbine support pressure oil nozzle flow from scavenge oil strut. Record and retain flow record. Flow_____ Compare with previous flow. Any large deviation could indicate carbon buildup.	72-50-00, PARA 6.E.	While motoring N_1 to 16-18% the minimum flow is 90cc in 15 seconds.

LW656888 TABLE 603 (cont) CAE890807 OCT 19 2007

INITIAL	150 HOUR INSPECTION	REFERENCE SECTION	REMARKS
N/A	26. Drain the oil system and refill. Oil changed at: 150 hours: _____ 300 hours: _____ 600 hours: _____	72–00–00, PARA 8.D., Engine–Servicing.	6 months max. time limit. NOTE: With an STC approved external scavenge oil filter, oil change interval is 300 hours. NOTE: With an STC approved external scavenge oil filter, and using either Mobil 254 or Aeroshell 560 oils, the oil change interval is 600 hours. NOTE: Refer to 250 CSL–3126, Recommended Sequence, Engine Oil Change for additional instructions.
SAL 1000 DI	27. Service oil filter	72–60–00 , PARA 1.C.	If excessive carbon is found in the filter, inspect the scavenge and pressure oil system. Refer to 72–50–00 PARA 6.E., 6.F., 6.G., 6.H., 7.A., and 7.B.
SAL 1000 DI	28. Inspect P_c filter for proper clamping and security	73–20–03	
SAL 1000 DI	29. Without disassembly or removal of the P_c filter assembly from the mounting bracket, inspect using a 10X magnification and a bright light to detect any signs of cracks, paying particular attention to both of the end fittings at their junction with the end walls. If cracks are detected, remove assembly and comply with 250 CEB–A–75–3017.		Compliance with 250 CEB–A–75–3017 eliminates this inspection requirement.

LW656888 TABLE 604 CAE890807 OCT 19 2007

INITIAL		300 HOUR INSPECTION In addition to the 150 hour inspection items, perform the following:	REFERENCE SECTION	REMARKS
SAL 1000 DI	1.	Inspect compressor mount for cracks.	72–00–00, PARA 1.A. (3), Engine–Inspection/Check.3	
SAL 1000 DI	2.	Clean power turbine support scavenge oil strut.	72–50–00, PARA 6.G.	
SAL 1000 DI	3.	Clean external sump.	72–50–00, PARA 6.G.	
SAL 1000 DI	4.	Clean No. 1 bearing oil pressure reducer.	72–30–00, PARA 2.A. (1)	
SAL 1000 DI	5.	Clean pressure oil fitting screen assembly.	72–50–00, PARA 6.G.	
		CAUTION: EXTREME CARE SHOULD BE EXERCISED TO PREVENT TWISTING OF OIL NOZZLE DURING REMOVAL. DO NOT ATTEMPT TO STRAIGHTEN OR REUSE IF TWISTED.		
SAL 1000 DI	6.	Clean power turbine pressure oil nozzle.	72–50–00, PARA 6.G.	
	7.	Deleted		
SAL 1000 DI	8.	Remove, inspect, and reinstall the turbine pressure oil check valve.	72–60–00, PARA 2.K.	
SAL 1000 DI	9.	Inspect the fourth–stage turbine wheel–to–exhaust collector inner cone clearance.	72–00–00, PARA 1.A. (4), Engine–Inspection/Check.	NOTE: Compliance with 250 CEB 72–3044 eliminates this inspection requirement.

OCT 19 2007

LN 656888 CAE890807

TABLE 604 (cont)

INITIAL	300 HOUR INSPECTION	REFERENCE SECTION	REMARKS
SAL 1000 DI	10. Inspect the rear engine mount for security and excessive bearing wear.	72–00–00, PARA 1.A. (5), Engine–In-spection/ Check.	
SAL 1000 DI	11. Remove, clean inspect and reinstall the P_c filter.	73–20–03 PARA 2. and 3.	If engine performance deterio-rates, P_c filter cleaning interval may have to be reduced.
	WARNING: PROPER TIGHTENING OF ENGINE TUBING CONNECTIONS IS CRITICAL TO FLIGHT SAFETY. CORRECT TORQUE VALUES MUST BE USED AT ALL TIMES. EXCESSIVE TORQUE ON PNEUMATIC SENSING SYSTEM CONNECTIONS RE-SULTS IN CRACKING OF THE FLARE CAUSING AN AIR LEAK WHICH CAN CAUSE FLAMEOUT, POWER LOSS OR OVERSPEED.		
SAL 1000 DI	12. Inspect N_1 shafting.	72–50–00, PARA 6.A.	NOTE: Compliance with 250 CEB 72–3059, 72–3096, 72–3100, A–72–3134 (twin en–gine applications), and A–72–3135 (single en–gine applications) eli–minates this inspection requirement.
SAL 1000 DI	13. On power and accessory gearbox cover, check the applied torque on all turbine and exhaust col-lector support–to–gearbox retaining nuts.	72–50–00, para 1.B.	Torque must be 120–150 lb in. (14–17 N·m).

TABLE 605

INITIAL	600 HOUR INSPECTION The following inspection is required every 600 hours time since last inspection.	REFERENCE SECTION	REMARKS
N/A	1. Perform scavenge oil filter impending bypass function check per Facet Service Bulletin No. 090589 (ref. Rolls–Royce CSL 3116) for all air-craft equipped with an external scavenge filter system.		

STANDARD AERO

Rolls-Royce

ENGINE TEST RESULTS

Model 250-C30SE

Customer: CANADIAN HELICOPTERS LIMITED *
Date: 17-OCT-2007
TCN: LW656888
S/O: GUCZ9N

Engine S/N: CAE890807
Comp S/N: CAC90639
Turbine S/N: CAT90189
Gearbox S/N: CAG90514
RGB S/N: N/A

Engine performance data corrected to sea level, static (unity ram) standard day

Setting	CRC	CRB	CRA	NCR	TO	2.5 Min
GPTOT				1240.0	1317.0	1371.0
SHP				581.6	664.7	718.5
Min Allow	334.0	418.0	501.0	557.0	650.0	700.0
% Var				**+4.4 %**	**+2.3 %**	**+2.6 %**
SFC	0.706	0.643	0.606	0.582	0.567	0.561
Max Allow	0.719	0.665	0.624	0.607	0.592	0.588
% Var	**-1.79 %**	**-3.29 %**	**-2.89 %**	**-4.10 %**	**-4.19 %**	**-4.60 %**

T/M Calibration at 700 HP = 99 PSIG

Seal Vent Orifice Size = -4

I hearby certify that the engine identified above has been tested in accordance with Rolls-Royce overhaul manual 14W3 ED2 REV 13 01 APR 2007 for the specified workscope.

Rebecca Perrault

SAL 661 QI

Standard Aero Ltd.

20 NOV. 2007

STANDARD AERO

Rolls-Royce

ENGINE TEST RESULTS

Model 250-C30SE

Customer: CANADIAN HELICOPTERS LIMITED *
Date: 10-FEB-2006
TCN: LW592611
S/O: DFWU0

Engine S/N: CAE690807
Comp S/N: CAC90591
Turbine S/N: CAT90261
Gearbox S/N: CAG90514
RGB S/N: N/A

Engine performance data corrected to sea level, static (unity ram) standard day

Setting	CRC	CRB	CRA	NCR	TO	2.5 Min
GPTOT				1240.0	1317.0	1371.0
SHP				584.0	667.4	726.3
Min Allow	334.0	418.0	501.0	557.0	650.0	700.0
% Var				+4.8 %	+2.7 %	+3.8 %
SFC	0.692	0.637	0.602	0.580	0.566	0.559
Max Allow	0.719	0.665	0.624	0.607	0.592	0.588
% Var	-3.70 %	-4.30 %	-3.50 %	-4.39 %	-4.39 %	-5.00 %
T/M Calibration at 700 HP = 99.3 PSIG						

Seal Vent Orifice Size = -4

I hearby certify that the engine identified above has been tested in accordance with Rolls-Royce overhaul manual 14W3 ED2 REV 11 01 APR 2005 for the specified workscope.

SAL 303 OA

Standard Aero Ltd.

17 FEV. 2006

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TABLE 603

INITIAL	150 HOUR INSPECTION	REFERENCE SECTION	REMARKS
SAL 1000 DI	1. Inspect the engine for obvious loose bolts, broken or loose connections, security of mounting accessories, and broken or missing safeties. Check accessible areas for obvious damage and evidence of fuel and oil leakage. Check B–nuts for presence and alignment of torque stripes. B–nuts with missing torque stripes must be loosened and retightened, before application of new torque stripes.		
SAL 1000 DI	2. Inspect the compressor impeller leading edges for damage.	72–30–00, para 4.B.	
SAL 1000 DI	3. Clean the compressor, as required, with a chemical wash solution if dirt buildup is evident.	72–30–00, para 5.B.	
SAL 1000 DI	4. Without disassembly, inspect the turbine and exhaust collector supports for condition of welded joints, cracks and buckling.	72–50–00, para 6.L. and para 8.B.	
SAL 1000 DI	5. Using a small mirror and a flashlight, inspect flow divider inside turbine and exhaust collector support for cracks or separated tack welds. If cracking of sheet metal or welds is found but limits are not exceeded, inspect every 25 hours until support is repaired, flow divider is removed, or limits are exceeded.	72–50–00, para 6.L. and para 8.B.	Compliance with 250 CEB 72–3040 eliminates this inspection requirement.
SAL 1000 DI	6. Inspect the engine fuel system for evidence of leakage. Check condition and security of fittings and tubing. Check fuel control lever for freedom of operation and full travel. Check condition and security of all linkages.	73–00–00, para 2.A.	
SAL 1000 DI	7. Inspect the engine mounts for condition and security. REAR ONLY SAL 1000 DI		
SAL 1000 DI	8. Perform a detailed visual inspection of the outer combustion case. Using a bright light (flashlight or equivalent), inspect all weld areas for cracks.	72–40–00, para 2.B.(1)	Outer combustion cases without brazed reinforcement wire patches, comply with inspection requirements of 250 CEB–A–72–3115.

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TABLE 603 (cont)

INITIAL	150 HOUR INSPECTION	REFERENCE SECTION	REMARKS
SAL 1000 DI	9. Inspect electrical harness for loose, chafed, frayed, or broken wires and loose connectors.		
N/C	10. For aircraft with external energy absorbing ring installed, inspect ring upper bracket for cracks.		Reference 250 CEB–A–72–3124, Revision No. 2
	CAUTION: NORMAL ENGINES USE A MINIMAL AMOUNT OF OIL. HOWEVER, ANY SUDDEN INCREASE IN OIL CONSUMPTION IS INDICATIVE OF OIL SYSTEM PROBLEMS AND MUST BE CORRECTED.		
N/C	11. Check oil supply level. NOTE: Check oil supply level within 15 minutes of engine shutdown.	72–00–00, Table 101 Trouble–shooting, items 17 and 18.	If the engine has been idle for more than 15 minutes, motor the engine for 30 seconds to scavenge any oil that may have drained into the gearbox from the oil tank. Failure to completely scavenge the oil from the gearbox will cause a false indication of high oil consumption. See Post Flight Check No. 3
SAL 1000 DI	12. Inspect for extension of impending oil filter bypass indicator. If indicator is extended, clean oil filter.	72–60–00, PARA 1.C.	It is possible for the impending oil filter bypass indicator to extend during a start of a cold soaked engine, giving an erroneous indication of a dirty oil filter. If the impending filter bypass indicator is extended, run the engine until the oil is at operating temperature and push the indicator button in. If the button remains in throughout the normal speed range of the engine, the filter does not require cleaning.

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TABLE 603 (cont)

INITIAL	150 HOUR INSPECTION	REFERENCE SECTION	REMARKS
	CAUTION: WHEN THERE IS EVIDENCE THAT THE AIRFRAME OR ENGINE FUEL FILTER HAS BEEN BYPASSED, THE GAS PRODUCER FUEL CONTROL INLET FILTER, THE FUEL NOZZLE FILTER, MUST BE CLEANED. (REFER TO SPECIAL INSPECTIONS, 72–00–00, TABLE 607) IF ANY CONTAMINATION IS FOUND IN THE FUEL NOZZLE FILTER, THIS WILL REQUIRE THAT THE FUEL CONTROL BE SENT TO AN AUTHORIZED REPAIR FACILITY FOR INTERNAL CLEANING. REFERENCE MUST ALSO BE MADE TO THE AIRFRAME MAINTENANCE MANUAL FOR FUEL SYSTEM MAINTENANCE FOLLOWING FUEL CONTAMINATION.		
SAL 1000 DI	13. Inspect for extension of impending fuel filter bypass indicator.	73–10–05, PARA 2.	If indicator is extended, replace fuel filter.
		73–20–02, PARA 5.A.	Inspect fuel filter in the fuel control and the filter in the fuel nozzle. Ground run engine to assure proper operation of control system.
SAL 1000 DI	13.A. Clean and inspect the fuel nozzle. If no airframe mounted fuel filter is installed, inspect the fuel nozzle filter.	73–10–03	Install fuel nozzle with proper number of spacers.
SAL 1000 DI	14. Record component changes, inspections, and compliance with technical instructions as required. Report engine difficulties to Rolls–Royce and/or Authorized Maintenance Center (AMC) on Model 250 report, Form 8117–1 (Rev. 5–94) as required.		
SAL 1000 DI	15. Without disassembly, check the compressor discharge air tubes. Inspect for air leaks, dents, cracks, chafing, and proper clamping.	72–40–00, Table 203.	
SAL 1000 DI	16. Inspect compressor scroll for cracks. Pay particular attention to welded areas.		
SAL 1000 DI	17. Clean the burner drain valve.	72–40–00, PARA 3.	Ensure that the airframe overboard is clear. Refer to aircraft manual for maintenance procedures.
SAL 1000 DI	18. Inspect the anti–icing, bleed air, and overspeed solenoid valves for loose, chafed, frayed or broken wires, loose connections and security of attachment.		

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TABLE 603 (cont)

INITIAL	150 HOUR INSPECTION	REFERENCE SECTION	REMARKS
SAL 1000 DI	19. Inspect the horizontal and vertical firewall shields for cracks.	72–50–00, PARA 6.K.	Continued sheet metal or tube cracking may be an indication of excessive engine, engine accessory, or airframe vibration.
N/R	20. Check fuel control and power turbine governor for proper rigging.	73–20–01, PARA 2.C. and 73–20–02, PARA 2.C.	
SAL 1000 DI	21. On power and accessory gearbox cover, check the applied torque on all turbine and exhaust collector support–to–gearbox retaining nuts.	72–50–00, PARA 1.B.	Torque must be 120–150 lb in. (14–17 N·m). Compliance with 250 CEB–72–3017 cancels this periodic inspection requirement.
SAL 1000 DI	22. Remove, clean, operationally test, and reinstall the magnetic drain plugs: a. Standard type – check the chip detector end of the plugs for cracks. b. Quick disconnect – inspect the locking pins and flanged inserts for wear.	72–60–00, PARA 4.B.	Torque 60–80 lb in. (6.8–9.0 N·m). No cracks are acceptable. Check each chip detector separately.
SAL 1000 DI	23. Inspect ignition lead for burning, chafing or cracking of conduit. Also, check for loose connectors and/or broken lockwire.	74–20–02, PARA 2.	
	Perform operational check of ignitors.	74–20–01, PARA 2.B.	
SAL 1000 DI	24. Remove, inspect, clean and reinstall the oil filter.	72–60–00. PARA 1.C.	
N/R	25. Measure and record power turbine support pressure oil nozzle flow from scavenge oil strut. Record and retain flow record. Flow_____ Compare with previous flow. Any large deviation could indicate carbon buildup.	72–50–00, PARA 6.E.	While motoring N_1 to 16–18% the minimum flow is 90cc in 15 seconds.

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TABLE 603 (cont)

INITIAL	150 HOUR INSPECTION	REFERENCE SECTION	REMARKS
N/R	26. Drain the oil system and refill. Oil changed at: 150 hours: _____ 300 hours: _____ 600 hours: _____	72–00–00, PARA 8.D., Engine–Servicing.	6 months max. time limit. NOTE: With an STC approved external scavenge oil filter, oil change interval is 300 hours. NOTE: With an STC approved external scavenge oil filter, and using either Mobil 254 or Aeroshell 560 oils, the oil change interval is 600 hours. NOTE: Refer to 250 CSL–3126, Recommended Sequence, Engine Oil Change for additional instructions.
SAL 1000 DI	27. Service oil filter	72–60–00 , PARA 1.C.	If excessive carbon is found in the filter, inspect the scavenge and pressure oil system. Refer to 72–50–00 PARA 6.E., 6.F., 6.G., 6.H., 7.A., and 7.B.
SAL 1000 DI	28. Inspect P_c filter for proper clamping and security	73–20–03	
SAL 1000 DI	29. Without disassembly or removal of the P_c filter assembly from the mounting bracket, inspect using a 10X magnification and a bright light to detect any signs of cracks, paying particular attention to both of the end fittings at their junction with the end walls. If cracks are detected, remove assembly and comply with 250 CEB–A–75–3017.		Compliance with 250 CEB–A–75–3017 eliminates this inspection requirement.

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TABLE 604

INITIAL		300 HOUR INSPECTION In addition to the 150 hour inspection items, perform the following:	REFERENCE SECTION	REMARKS
SAL 1000 DI	1.	Inspect compressor mount for cracks.	72–00–00, PARA 1.A. (3), Engine–Inspection/ Check.3	
SAL 1000 DI	2.	Clean power turbine support scavenge oil strut.	72–50–00, PARA 6.G.	
SAL 1000 DI	3.	Clean external sump.	72–50–00, PARA 6.G.	
SAL 1000 DI	4.	Clean No. 1 bearing oil pressure reducer.	72–30–00, PARA 2.A. (1)	
SAL 1000 DI	5.	Clean pressure oil fitting screen assembly.	72–50–00, PARA 6.G.	
		CAUTION: EXTREME CARE SHOULD BE EXERCISED TO PREVENT TWISTING OF OIL NOZZLE DURING REMOVAL. DO NOT ATTEMPT TO STRAIGHTEN OR REUSE IF TWISTED.		
SAL 1000 DI	6.	Clean power turbine pressure oil nozzle.	72–50–00, PARA 6.G.	
	7.	Deleted		
SAL 1000 DI	8.	Remove, inspect, and reinstall the turbine pressure oil check valve.	72–60–00, PARA 2.K.	
SAL 1000 DI	9.	Inspect the fourth–stage turbine wheel–to–exhaust collector inner cone clearance.	72–00–00, PARA 1.A. (4), Engine–Inspection/ Check.	NOTE: Compliance with 250 CEB 72–3044 eliminates this inspection requirement.

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TABLE 604 (cont)

INITIAL	300 HOUR INSPECTION	REFERENCE SECTION	REMARKS
SAL 1000 DI	10. Inspect the rear engine mount for security and excessive bearing wear.	72–00–00, PARA 1.A. (5), Engine–In-spection/ Check.	
SAL 1000 DI	11. Remove, clean inspect and reinstall the P_c filter.	73–20–03 PARA 2. and 3.	If engine performance deterio-rates, P_c filter cleaning interval may have to be reduced.
	WARNING: PROPER TIGHTENING OF ENGINE TUBING CONNECTIONS IS CRITICAL TO FLIGHT SAFETY. CORRECT TORQUE VALUES MUST BE USED AT ALL TIMES. EXCESSIVE TORQUE ON PNEUMATIC SENSING SYSTEM CONNECTIONS RE-SULTS IN CRACKING OF THE FLARE CAUSING AN AIR LEAK WHICH CAN CAUSE FLAMEOUT, POWER LOSS OR OVERSPEED.		
SAL 1000 DI	12. Inspect N_1 shafting.	72–50–00, PARA 6.A.	NOTE: Compliance with 250 CEB 72–3059, 72–3096, 72–3100, A–72–3134 (twin en–gine applications), and A–72–3135 (single en–gine applications) eli–minates this inspection requirement.
SAL 1000 DI	13. On power and accessory gearbox cover, check the applied torque on all turbine and exhaust col-lector support–to–gearbox retaining nuts.	72–50–00, para 1.B.	Torque must be 120–150 lb in. (14–17 N-m).

TABLE 605

INITIAL	600 HOUR INSPECTION The following inspection is required every 600 hours time since last inspection.	REFERENCE SECTION	REMARKS
SAL 1000 DI NIR	1. Perform scavenge oil filter impending bypass function check per Facet Service Bulletin No. 1191 090589 (ref. Rolls–Royce CSL 3116) for all air-craft equipped with an external scavenge filter system.		

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TABLE 606

INITIAL		2000 HOUR INSPECTION The following inspections are required every 2000 hours time since last inspection.	REFERENCE SECTION	REMARKS
SAL 1000 DI	1.	Fuel control filter inspection. NIL FOR 1200HRS	73–20–02, PARA 5.A.	
SAL 1000 DI	2.	Fuel nozzle filter inspection	73–10–03, PARA 2.A.	
SAL 1000 DI	3.	Remove and replace the low pressure fuel filter element. Before discarding filter, inspect for signs of contaminants. If any are found, inspect the entire fuel system and clean if necessary.	73–10–05, PARA 2.	
SAL 1000 DI	4.	Inspect the combustion liner.	72–40–00, PARA 1.C.	
SAL 1000 DI	5.	Inspect the outer combustion case for cracks using Leak–Tek and/or dye penetrant.	72–40–00, PARA 2.B.(2) (3), and (4)	
SAL 1000 DI	6.	Inspect the compressor discharge air tubes.	72–40–00, PARA 4.C.	
SAL 1000 DI	7.	Inspect the N_2 overspeed mounting dampers.	73–21–00, PARA 7.B.	
SAL 1000 DI	8.	Inspect the spur adapter gearshaft, compressor rotor splined adapter and associated impeller bore.	72–30–00, PARA 4.B.(2), 4.C. and 4.E.	
SAL 1000 DI	9.	Inspect the turbine to compressor coupling, turbine splined adapter, power turbine inner shaft and turbine shaft–to–pinion gear coupling	72–50–00, PARA 6.A. and 6.B.	Turbine to compressor coupling is part of the turbine assembly.
		NOTES: The following inspections are recommended whenever the turbine or compressor is removed in–between the required 2000 hour inspection. Anytime the compressor is removed from the engine, visually inspect the aft end of the spur adapter gearshaft for worn or damaged spines. Anytime the turbine is removed from the engine visually inspect the splines on the following items, turbine–to–compressor coupling, turbine splined adapter, power turbine outer shaft and turbine shaft–to–pinion gear coupling for worn or damaged splines. If spline wear or damage is observed the appropriate maintenance action is required. (Refer to item 6 and 7 above). Inspection intervals shall not exceed 2000 hours.		