

## **Section 1.**

### **250C30S TURBINE ENGINE**

**Make: Rolls-Royce**

**Model: 250C30S**

**Serial Number: CAE-890238**

**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](mailto:jbarnes@ornge.ca)

### **Alternate contact:**

Robert Zwanenburg,  
Manager of Maintenance Planning/Analysis: 613.240.5331  
Cellular 613.240.5331  
[rzwanenburg@ornge.ca](mailto:rzwanenburg@ornge.ca)

## **Section 2:**

### **Information & Specifications:**

Total Engine Time Since New: 13419.50 Hours  
Total Engine Cycles Since New: 28311 Cycles

Times and Cycles as of: March 27, 2017

### Section 3.

#### Engine- Maintenance and Inspections

Make: - Rolls-Royce

Model: 250C30S

Engine S/N	CAE-890238			
TSN: 13419.50	TSO: 13419.50*			
CSN: 28311	CSO: 28311*			
<u>LAST MAJOR INSPECTION</u>		<u>LAST COMPLETED</u>	<u>Count Remaining</u>	
Engine Overhaul (On-Condition Modular Engine)		N/A*	N/A	
300-Hour Engine Inspection		25 Aug 2015	178.43Hours	
Turbine Overhaul		16 Apr 2008	39.00 Hours 566 Cycles	
<u>Life Limited Parts</u>		<u>Part Number</u>	<u>Hours Remaining</u>	<u>Cycle Remaining</u>
COMPRESSOR ASSEMBLY	On-Condition	23051643	o/c	o/c
Impeller: Compressor	Retirement	23076537	13547.45	20587
TURBINE ASSEMBLY	Overhaul	23035128	39.00**	566**
First Stage Wheel	Retirement	23053299	1145.50	528
Second Stage Wheel	Retirement	23032280	1145.50	528
Third Stage Wheel	Retirement	6898663	2463.90	566
Fourth Stage Wheel	Retirement	23066744	2463.90	566
GEARBOX ASSEMBLY	On-Condition	23005179	o/c	o/c
Fuel Pump	Overhaul	6896810	379.80	n/a
Fuel Nozzle	Overhaul	23077067	1842.02	n/a
Fuel Control Unit	Overhaul	23087146	2222.28	n/a
Fuel Control Unit	CEB-73-3135	23087146	n/a	n/a
PT Governor	Overhaul	23070106	1196.50	n/a
PT Governor	CEB-73-3139	23070106	396.50	n/a
Bleed Valve	Overhaul	23073353	620.50	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.



# Installed Parts & Tasks Report

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

Installed Parts & Tasks

Root Part#/Serial# : Times : 13419:30 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-890238 ENGINE ASSEMBLY: 250C30S	/-/ -/-	28311.00 ESTARTS, 13419.50 FH	MC-RR-0150-01 Engine Vibration Data Collection Inspection	600.00 FH	546.68 FH
23005290/CAE-890238 ENGINE ASSEMBLY: 250C30S	/-/ -/-	28311.00 ESTARTS, 13419.50 FH	MS-RR-0300-01 Replacement Of Engine Oil Inspection	365.00 Days 600.00 FH	-64.00 Days 560.12 FH
23005290/CAE-890238 ENGINE ASSEMBLY: 250C30S	/-/ -/-	28311.00 ESTARTS, 13419.50 FH	OGR-M-C30S-009 150-Hour Engine Inspection Inspection	150.00 FH	150.00 FH
23005290/CAE-890238 ENGINE ASSEMBLY: 250C30S	/-/ -/-	28311.00 ESTARTS, 13419.50 FH	OGR-M-C30S-010 300-Hour Engine Inspection Inspection	300.00 FH	178.43 FH
23005290/CAE-890238 ENGINE ASSEMBLY: 250C30S	/-/ -/-	28311.00 ESTARTS, 13419.50 FH	OGR-M-C30S-018 2000-Hour Engine Inspection Inspection	2000.00 FH	39.00 FH
23005290/CAE-890238 ENGINE ASSEMBLY: 250C30S	/-/ -/-	28311.00 ESTARTS, 13419.50 FH	MC-H-76-0025-03 Power Check Inspection	25.00 FH	14.85 FH
23005290/CAE-890238 ENGINE ASSEMBLY: 250C30S	/-/ -/-	28311.00 ESTARTS, 13419.50 FH	JAM-RR-71-001** Inspection		

NO COMPUSSION LINE  
CHK

NO FUEL CONTROL UNIT  
CHK

02-5093

Installed Parts & Tasks

Root Part#/Serial# 005290 / CAE-890238

Times : 13419:30 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-90329 COMPRESSOR ASSEMBLY 723000	1.1/1672 23005290/CAE-890238	28618.00 ESTARTS, 16235.40 FH	MC-RR-2000-01 Compressor Spur Adapter Gear Shaft Inspection	2000.00 FH	39.00 FH
23051643/CAC-90329 COMPRESSOR ASSEMBLY 723000	1.1/1672 23005290/CAE-890238	28618.00 ESTARTS, 16235.40 FH	MC-RR-2000-03 Compressor Rotor And Splined Adapter Insp Inspection	2000.00 FH	39.00 FH
23076537/JY105819 IMPELLER: COMPRESSOR 723020	1.1.1/1672 23005290/CAE-890238	4858.00 ESTARTS, 1961.00 FH	SD-RR-Cl Compressor Impeller Assembly Shop Detailed Inspection	12500.00 FH	10539.00 FH
23076537/JY105819 IMPELLER: COMPRESSOR 723020	1.1.1/1672 23005290/CAE-890238	4858.00 ESTARTS, 1961.00 FH	RL-RR-Cl Compressor Impeller Assembly Retirement Life Retire	25000.00 ESTARTS, 15000.00 FH	20142.00 ESTARTS, 13039.00 FH
23066675/1684 COMBUSTION LINER 724012	1.2/1672 23005290/CAE-890238	2394.00 ESTARTS, 647.50 FH	OH-Cl Combustion Liner Overhaul Overhaul	2000.00 FH	1352.50 FH
23035128/CAT-95498 TURBINE ASSEMBLY 725000	1.3/1672 23005290/CAE-890238	27305.00 ESTARTS, 4670.80 FH	MC-RR-2000-02 Compressor To Turbine Coupling Inspection Inspection	2000.00 FH	1120.50 FH
23035128/CAT-95498 TURBINE ASSEMBLY 725000	1.3/1672 23005290/CAE-890238	27305.00 ESTARTS, 4670.80 FH	OH-RR-TA Turbine Assembly Overhaul Overhaul	6000.00 ESTARTS	566.00 ESTARTS
23073566/40230 1ST STAGE NOZZLE SHIELD 725011	1.3.1/1672 23005290/CAE-890238	7347.00 ESTARTS, 633.10 FH			

Legend \*\* - As Required Task

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COMBUSTION LINER  
FROM SPREADSHEET  
62-000575-2012  
PO-000205-2012

Installed Parts & Tasks

Root Part#/Serial#005290 / CAE-890238

Times : 13419.30 FH

Cycles

Part # / Serial #	Level Code/Attach Date/ Days	Since New	Task #	Interval	Remaining
Part Description Position Code	Root Part # / Root Serial # Root Position Code	Since Overhaul	Task Description Maintenance Type		
23053299/X594329 1ST STAGE WHEEL 725014	1.3.2/1672 23005290/CAE-890238	2472.00 ESTARTS, 879.50 FH	RL-RR-TW1 First-Stage Turbine Wheel Retirement Life Retire	3000.00 ESTARTS, 2025.00 FH	528.00 ESTARTS, 1145.50 FH ✓
23032280/X579602 2ND STAGE WHEEL 725022	1.3.3/1672 23005290/CAE-890238	2472.00 ESTARTS, 879.50 FH, 0.00 N2	RL-RR-TW2 Second-Stage Turbine Wheel Retirement Life Retire	3000.00 ESTARTS, 2025.00 FH	528.00 ESTARTS, 1145.50 FH ✓
68986633/X565809 3RD STAGE WHEEL 725070	1.3.4/1672 23005290/CAE-890238	5434.00 ESTARTS, 2086.10 FH, 0.00 N2	RL-RR-TW3 Third-Stage Turbine Wheel Retirement Life Retire	6000.00 ESTARTS, 4550.00 FH, 6.00 N2	566.00 ESTARTS, 2463.90 FH, 6.00 N2 ✓
23066744/X559047 4TH STAGE TURBINE WHEEL 725074	1.3.5/1672 23005290/CAE-890238	5434.00 ESTARTS, 2086.10 FH, 0.00 N2	RL-RR-TW4 Fourth-Stage Turbine Wheel Retirement Life Retire	6000.00 ESTARTS, 4550.00 FH, 6.00 N2	566.00 ESTARTS, 2463.90 FH, 6.00 N2 ✓
23035179/CAE-90406 ENGINE GEARBOX (C30S) 726010	1.4/1672 23005290/CAE-890238	2394.00 ESTARTS, 13272.10 FH			
6896810/T0566 FUEL PUMP ASSY 731010	1.5/1672 23005290/CAE-890238	2620.20 FH	OH-RR-FP1 Fuel Pump (Argo Tech or TRW) Overhaul Overhaul	3000.00 FH	379.80 FH ✓
23077067/VN1BLP1588 FUEL NOZZLE 731040	1.6/1642 23005290/CAE-890238	157.98 FH 157.98 FH	MC-RR-0300-01 Fuel Nozzle Filter Inspection Inspection	300.00 FH	142.02 FH ✓

Legend \*\* - As Required Task

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FUEL NOZZLE  
6E-013593 - 2015  
KD-001674 - 2015

Installed Parts & Tasks

Root Part#/Serial# 005290 / CAE-890238

Times : 13419:30 FH

Cycles

Part # / Serial #	Level Code/Attach Date/ Days	Since New	Task #	Interval	Remaining
Part Description Position Code	Root Part # / Root Serial # Root Position Code	Since Overhaul	Task Description Maintenance Type	Interval	Remaining
23077067/MN1BLP1588 FUEL NOZZLE 731040	1.8/ /642 23005290/CAE-890238	157.98 FH 157.98 FH	OH-RR-FNZ Fuel Nozzle Overhaul Overhaul	2000.00 FH	1842.02 FH ✓
23087146/BR52045 FUEL CONTROL UNIT 732010	1.7/ /854 23005290/CAE-890238	277.72 FH 277.72 FH	MC-RR-2000-04 FCU Filter Inspection Inspection	2000.00 FH	1722.28 FH
23087146/BR52045 FUEL CONTROL UNIT 732010	1.7/ /854 23005290/CAE-890238	277.72 FH 277.72 FH	OH-RR-FCU2 Fuel Control (Bendix Model DP--V1) Overhaul Overhaul	2500.00 FH	2222.28 FH ✓
23070106/BR32382 ✓ PT GOVERNOR 732030	1.8/ /1672 23005290/CAE-890238	4908.30 FH	OH-RR-PTG3 Power Turbine Governor (BENDIX Model AL-- AD1) Overhaul C30S Overhaul	2000.00 FH	1196.50 FH ✓
23070106/BR32382 PT GOVERNOR 732030	1.8/ /1672 23005290/CAE-890238	4908.30 FH	CEB-73-3139 PT Governor Drive Bearing Replacement Others	1200.00 FH	396.50 FH ✓
23073353/FF43738 ✓ BLEED VALVE 753010	1.9/ /1672 23005290/CAE-890238	3881.00 FH	OH-RR-CBV Compressor Bleed Valve Overhaul Overhaul	1500.00 FH	620.50 FH ✓

FCU  
LC-007815 - 2014  
GE-002108 - 2012  
RD-000671 - 2012

1. Approving Civil Aviation Authority/Country 2.

Transport Canada

**AUTHORIZED RELEASE CERTIFICATE**  
Form One

3. Form Tracking Number:

858-10-0177

4. Organizations Name and Address:



**CANADIAN HELICOPTERS LIMITED**  
1215 Montée Pilon, Les Cèdres, QC, J7T 1G1

5. Work Order/Contract/Invoice

11-2199

6. Item:	7. Description:	8. Part Number:	9. Quantity:	10. Serial/Batch Number:	11. Status/Work:
1	C30S Engine Assembly	23005290	1	CAE-890238	Repair

12. Remarks:

Engine assembly was repaired for gearbox forward power takeoff seal bore damage. 150 hours inspection also carried out on engine as per Rolls Royce Operation and Maintenance Manual 14W2. TSN: 12360.90 CSN: 25400

**Outstanding work:** -Steps Z4-08, Z4-10, Z4-11, Z4-12, Z4-13, Z4-17, Z4-32, Z4-34, Z4-35, F-01 of form RR250-INS-0150. -Monitoring of blenish on compressor scroll assembly P/N: 23051643 S/N: CAC-90329 every 100 hours of operation as indicated in the supplied Rolls-Royce response control number CSN0015-JT-04-2011.

13a. Certifies that the items identified above were manufactured in conformity to:

- Approved design data and are in a condition for safe operation.
- Non-approved design data specified in Block 12.

14a.

CAR 571.10 Maintenance Release.

Other regulations specified in block 12  
Certifies that unless otherwise specified in Block 12, the work identified in Block 11 and described in Block 12, has been performed in compliance with the *Canadian Aviation Regulations*.

13b. Signature	13c. Approved Organization Number	14b. Signature	14c. Approved Organization Number
N/A	N/A		1847
N/A	N/A	Carl Lemay	165-93
30 Dec 2008(Previously form 24-0078)		06/05/2011	

**Installer Responsibilities**

This certificate does not constitute authority to install.

Installers working in accordance with the national regulations of a country other than the authority specified in Block 1, must ensure that their regulations recognize certifications from the country specified.

Statements 13a or 14a do not constitute installation certification. In all cases, the aircraft technical record must contain an installation certification issued in accordance with the applicable national regulations before the aircraft may be flown.

Part	Position	Part Number	Description	Serial Number	Doc Ref#	Doc Date	A/F Time	CC WC	Interval	A/C Type	Reg	Remaining
720000 #1		250C30S	ENGINE ASSEMBLY (C30S)	CAE-899238		11/05/06						
52030 #1		RR250-INS-0150	150-HR C30 INSPECTION	CAE-899238S	W/O 112199	11/05/06						
52045 #1		RR250-INS-0300	TO BE RESET AT INSTALLATION AFTER OUTSTANDING WORK COMPLETED (FM:EMAY2011)	CAE-899238S	W/O 112199	11/05/06						
52070 #1		RR250-INS-2000	300-HR C30 INSPECTION	CAE-899238S	W/O 112199	11/05/06						
53000 #1		RR250-SIH-2000P	2000 HOUR ENGINE INSP.	CAE-899238S	W/O 112199	11/05/06						
723000 #1		23051643	ENGINE VIBRATION CHECK	CAE-899238S	W/O 112199	11/05/06						
			COMPRESSOR ASSEMBLY	CXC-90329	W/O 112199	11/05/06						

MONITORING OF BLEMISH ON COMPRESSOR SCROLL EVERY 10CHRS OF OPERATION  
 IN ACCORDANCE WITH ROLLS-ROYCE RESPONSE CONTROL NUMBER: CSN0015-JT-04-2011  
 (C:EMAY 05MAY2011)  
 N1 SHAFTING INSP. (COMP) CXC-90329  
 INSP. COMP. ROTOR/SPLINE AD CXC-90329  
 IMPELLER: COMPRESSOR W/O 112199 11/05/06  
 W/O 112199 11/05/06

724012 #1		23066675	COMBUSTION LINER	SL13444A	W/O 112199	11/05/06						
725000 #1		23025129	TURBINE ASSEMBLY	CAT-90039	W/O 112199	11/05/06						
725011 #1		-R2250-SIH-2000P	N1 SHAFTING INSP. (TURB)	CAT-90039	W/O 112199	11/05/06						
725014 #1		-23079586	1ST STAGE NOZZLE SHIELD	12-01-25	W/O 112199	11/05/06						
725022 #1		-23053299	1ST STAGE WHEEL	X588674	W/O 112199	11/05/06						
725070 #1		-23032890	2ND STAGE WHEEL	X579900	W/O 112199	11/05/06						
		-6998663	3RD STAGE WHEEL	X565496	W/O 112199	11/05/06						
725074 #1		-23066744	4TH STAGE TURBINE WHEEL	X570689	W/O 112199	11/05/06						

Part	Position	Part Number	Description	Serial Number	Doc Ref#	Doc Date	A/F Time	CC WC	Interval	A/C Type	Reg	Remaining
726010 #1		23035179	ENGINE GEARBOX (C30S)	CAG-90406	W/O 112199	11/05/06						
731010 #1		6996810	FUEL PUMP ASSY	T0566	W/O 112199	11/05/06						
731040 #1		23077967	*Eligible for 500 hrs TBO extension program, contact CA*		W/O 112199	11/05/06						
731040 #1		-RR250-SIH-1500	FUEL NOZZLE (11-THREAD)	10L03963	W/O 112199	11/05/06						
731040 #1		23070613	FUEL NOZZLE FILTER INSP.	BR55810	W/O 112199	11/05/06						
731040 #1		-RR250-SIH-2000P	FUEL CONTROL UNIT	BR55810	W/O 112199	11/05/06						
732030 #1		23070106	PT GOVERNOR	BR36013	W/O 112199	11/05/06						
733010 #1		23073353	BLEED VALVE	PF40379	W/O 112199	11/05/06						

\*\*\* END OF REPORT \*\*\*



1. Approving Civil Aviation Authority / Country:

FAA / UNITED STATES

2

# AUTHORIZED RELEASE CERTIFICATE

FAA FORM 8130-3, AIRWORTHINESS APPROVAL TAG

3. Form Tracking Number:

00000000000003431223  
Page 1 of 1

4. Organization Name and Address:

Dulman Inc  
811 FOURTH STREET  
WEST DES MOINES, IA 50265-0100 USA  
CERTIFICATE #KT2R964K

5. Work Order/Contract/Invoice Number:

40197476  
1040219A1S

6. Item:

NOZZLE ASSEMBLY

8. Part Number:

139972 (23077067)

9. Quantity:

1

10. Serial Number:

VN1BLP1588

11. Status/Work:

OVERHAULED

12. Remarks:

Purpose: Approval for Return to Service  
OVERHAULED in accordance with CMM: OM-14W3 SECOND EDITION Revision: 20 Rev. Date: 04/01/2014.

Certifies that the work specified in block 11/12 was carried out in accordance with EASA Part 145 and in respect to that work the [product/article] is considered ready for release to service under EASA Part 145 Approval No. EASA 145.4378.

**CERTIFIED TRUE COPY**  
61-012393-2015

13a. Certifies the items identified above were manufactured in conformity to:

Approved design data and are in a condition for sale operation.

Non-approved design data specified in Block 12.

14a

14 CFR 43.9 Return to Service

Other regulation specified in Block 12

Certifies that unless otherwise specified in Block 12, the work identified in Block 11 and described in Block 12 was accomplished in accordance with Title 14, Code of Federal Regulations, Part 43 and in respect to that work, the items are approved for return to service.

13b. Authorized Signature:

13c. Approval / Authorization No.:

14b. Authorized Signature:

14c. Approval / Certificate No.:

13d. Name (Typed or Printed):

13e. Date (dd/mm/yyyy):

14d. Name (Typed or Printed):

14e. Date (dd/mm/yyyy):

User / Installer Responsibilities

It is important to understand that the existence of this document alone does not automatically constitute authority to install the aircraft engine/propeller/article.

Where the user/installer performs work in accordance with the national regulations of an airworthiness authority different than the airworthiness authority of the country specified in Block 1, it is essential that the user/installer ensures that his/her airworthiness authority accepts aircraft engine(s)/propeller(s)/article(s) from the airworthiness authority of the country specified in Block 1.  
Statements in Blocks 13a and 14a do not constitute installation certification. In all cases, aircraft maintenance records must contain an installation certification issued in accordance with the national regulations by the user/installer before the aircraft may be flown.

CERTIFICATE OF CONFORMANCE

Detroit Diesel Allison certifies that the 250 Series Turboshift 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 890238 S

Purchase Order No. \_\_\_\_\_

Robert E. Brown  
Quality Assurance Department

12-19-79  
Date

To: Our New Customer

From: Detroit Diesel Allison Division  
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.

January 1, 1978

<u>DISTRIBUTOR</u>	<u>CITY, STATE, COUNTRY</u>	<u>PHONE</u>
Aeromaritime, Inc.	Washington, D. C. Rome, Italy	(202) 457-7400 5910840, 5910798
Airwork Service Division	Milville, New Jersey	(609) 825-6000
Astra Helicopters, Ltd.	Johannesburg, South Africa	724-7377
Aviation Power Supply, Inc.	Burbank, California	(213) 842-5207
Cooper Airmotive, Inc.	Dallas, Texas	(214) 357-1811
Elicotteri Meridionali	Frosinone, Italy	23273
Hants & Sussex Aviation, Ltd.	Portsmouth, England	68316
Hawker Pacific Pty, Ltd.	Sydney, Australia	649-0111
Standard Aero, Ltd.	Winnipeg, Canada	(204) 775-9711

January 1, 1978  
Revised March, 1979

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

WARRANTY

Detroit Diesel Allison Division (Allison) of General Motors Corporation warrants that Allison will, through an authorized Allison Model 250 Distributor (Distributor) repair or replace any Model 250 series new engine or new engine part sold by Allison 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. 2005 (C28), No. 3005 (C30) whichever period expires first.

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

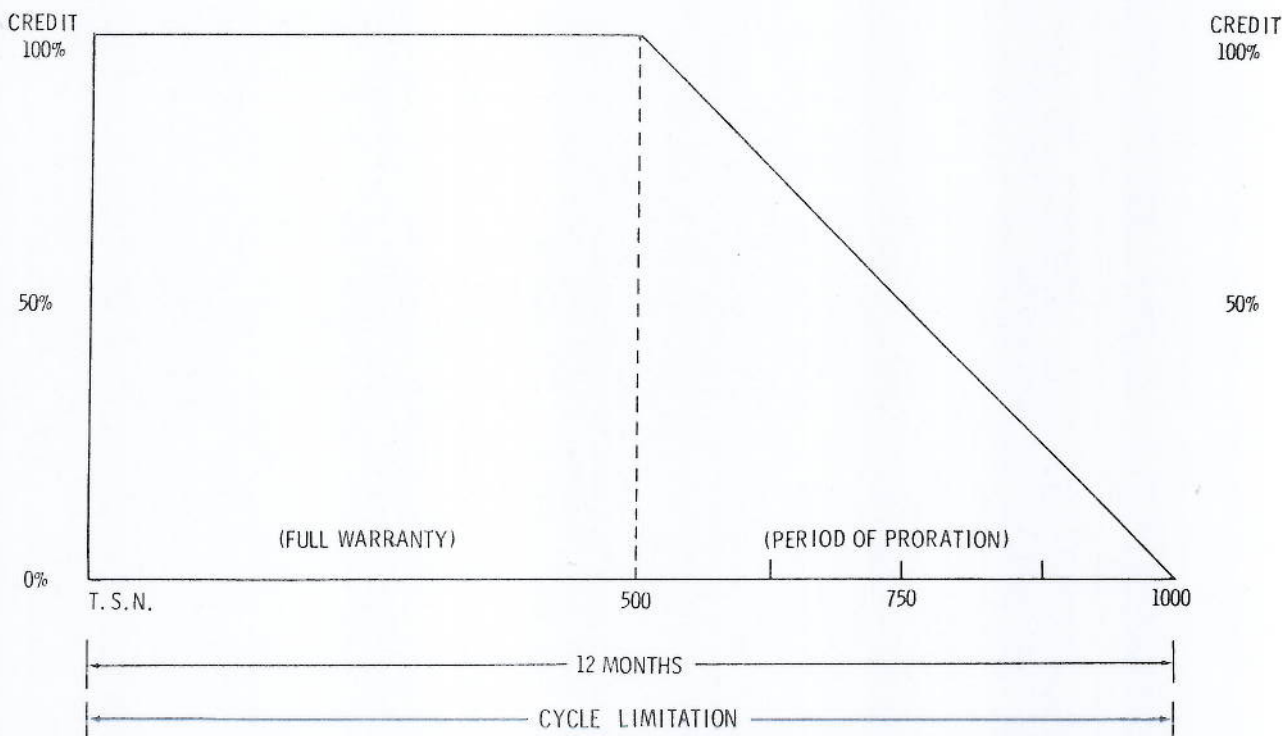
- (1) If less than 500 hours of operation there will be no charge for parts and labor.
- (2) If more than 500 hours but less than 1000 hours of operation, the amount of warranty credit against the charge for parts and labor will be determined as follows:

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

2. Optional equipment not manufactured by Allison and not a part of the basic engine assembly such as Engine Air Particle Separator and Auto Reignition 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 Allison, or attributable in whole or in part to misuse, neglect, or accident including foreign object damage whether in operation, in transit, or in storage.
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 ALLISON MUST BE CONTAINED IN A WRITING SIGNED BY AN AUTHORIZED EMPLOYEE OF ALLISON.
6. The obligations of Allison under this warranty are limited to the repair or replacement 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 Allison 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.

Revised June 1, 1979



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

Detroit Diesel Allison Division (Allison) of General Motors Corporation warrants that Allison will, through an authorized Allison Model 250 Distributor (Distributor) repair or replace 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:

WARRANTY

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 Allison 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 revision 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.

Allison's obligation to repair or replace 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.

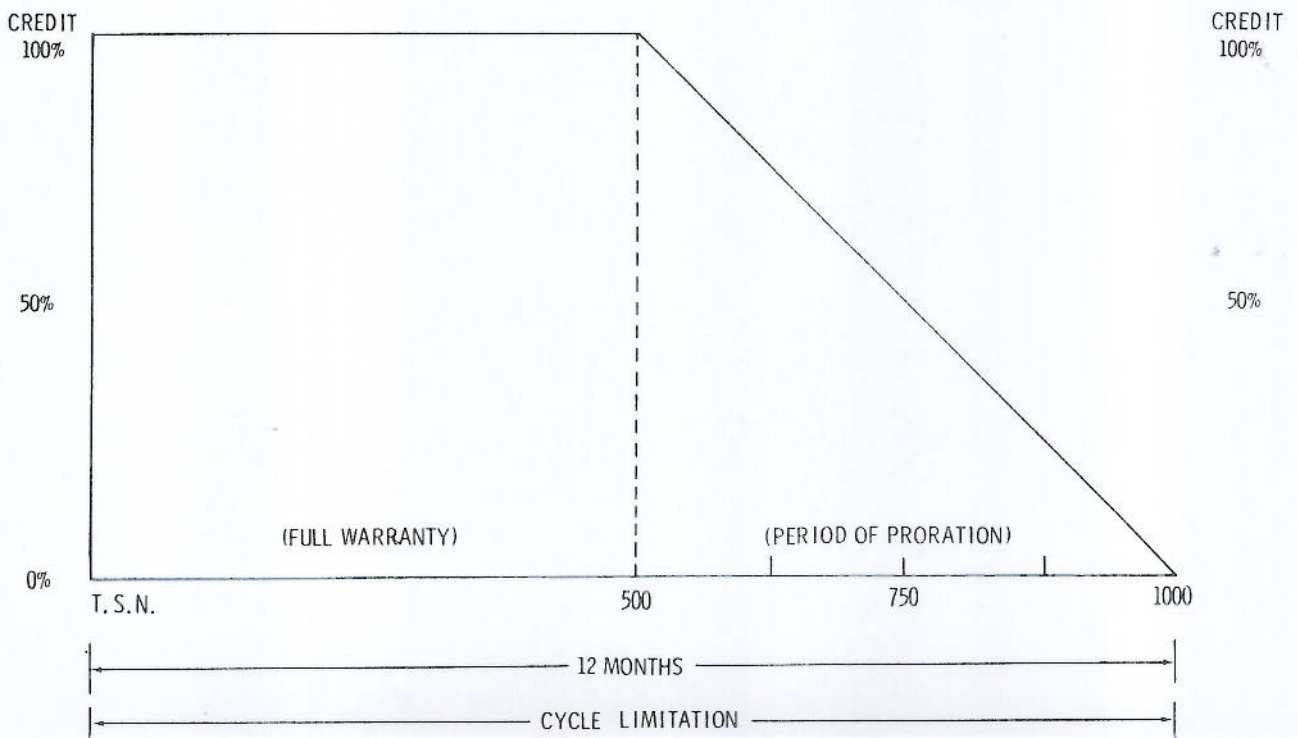
(2) If more than 500 hours but less than 1000 hours of operation, the amount of warranty credit against the charge for parts and labor will be determined as follows:

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

- 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 Allison and not a part of the basic engine assembly such as Engine Air Particle Separator and Auto Reignition 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 Allison, or attributable in whole or in part to misuse, neglect, or accident including foreign object damage whether in operation, in transit, or in storage.
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 ALLISON MUST BE CONTAINED IN A WRITING SIGNED BY AN AUTHORIZED EMPLOYEE OF ALLISON.
6. The obligations of Allison under this warranty are limited to repair or replacement 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 of 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 Allison 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.

Revised June 1, 1979



**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

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.)
6. Make all log book entries promptly.
7. Additional log book pages can be ordered from your authorized Detroit Diesel Allison distributor.

# Hants and Sussex Aviation Ltd

T.S.O. New  
T.S.N. 436.10

## CERTIFICATE OF COMPLIANCE

ENGINE/PROPELLOR TYPE Allison 250-Q30

ENGINE/PROPELLOR SERIAL No. CAR-890238 S

W.O. No. # 0/R DD14104.....

WORK CARRIED OUT:- Engine repaired & released untested.

Commercial Engine Bulletins embodied this build:-

Main Assy.:- 73-3013, A73-3014, A73-3015, 75-3012, 72-3018.

Comp. Assy.:- 72-3005.

Turb. Assy.:- 72-3023, 72-3031, 72-3032, 72-3036, 72-3038, 72-3040, 72-3044, 72-3053, A72-3056.

G/Box Assy.:- 72-3012, 72-3022, 72-3039, 72-3054, 72-3055.

F.A.A. Air Directives:- 81-13-12. Satisfied.

Engine to be check run as per operation & maintenance manual P/N.14W2, rev.(2nd.Edition)  
para.72-00-00, on installation to aircraft.

I hereby certify that the inspection/overhaul/repair/replacement/modification specified above has been carried out in accordance with the requirements of Chapter A4-3 of British Civil Aviation Authority Requirements.

Signed.....  


Date 12th. Jan. 1983.....

Head Office: Hants and Sussex Aviation Ltd. The Airport, PORTSMOUTH, Hants  
C.A.A. Approval No. A1 2993/50







# SERVICE RECORD ENGINE ASSEMBLY



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

Part I  
Page No. 2

Engine Serial Number CAE-8902385 Engine Model 250-C30S

INSTALLED				REMOVED			
Date	A/C S/N Reg. #	Engine Time		Date	Engine Time		Reason
		Since OH	Total		Since OH	Total	
A/F 9314.5 23 AUG 02	CHL CGIMA	N/P	7789.5	A/F 9611.1 15 FEB 03	N/P	CSN 15266 8078.1	REM'D TO SERVICE CGIMY
A/F 11981.0 #2 16 FEB 03	CHL CGIMY	N/A	8078.1	A/F 12471.3 05 AUG 04	N/P	CSN 17523 9068.9	TURBINE CYCLES OUT
A/F 21208.2 #1 30 JAN 05	760271 CFABIT	N/P	9068.9 2.00	A/F 21912.3 29 MAR 05	N/P	CSN 17802 9172.3	TRANSFER TO CGIMZ #1
A/F 3226.3 #1 16 APR 05	760169 CGIMZ	N/P	9172.3	A/F 8711.0 31 MAR 05	N/P	CSN 18809 9597.0	TIMEX ON 2ND W CYCLES
A/F 1908.9 #1 15 NOV 05	760226 CGIMW	NEW	9597.0	A/F 8573.0 24 JAN 07	N/P	CSN 20506 10261.1	EXCESSIVE LEAKING ENGINE CONTAINER ROLLED OVER
/	/	NEW	10261.1	21 MAR 07	NEW	10261.1	
#2 08 JUN 2007	760044 CGEMM	NEW	10261.1	07 JUL 08	NEW	10199.3	ENGINE STALLING
12 Sept 2008	760169 CGIMZ	NEW	10799.3	05 AUG 09	NEW	11458.5	TIMEX 1ST & 2ND STAGE WHEELS
25 NOV 09	CHL CGIMA	NEW	11458.5	23 MARCH 2011	NEW	12360.9	SNAG, PTO SEAL BORE CAM OUT OF GEAR BOX

\* WRONG # GIVEN BY BASE AT REMOVAL



# SERVICE RECORD ENGINE ASSEMBLY

Part I  
Page No. \_\_\_\_\_

FORM 2782A-1 (4-79)

Engine Serial Number CAE- 8902385

Engine Model 250-C308

INSTALLED					REMOVED			
Date	Owner	A/C or Eng. S/N	Engine Time		Date	Engine Time		Reason
			Since OH	Total		Since OH	Total	
3-12-80	BRILES	760055	New	New	25-11-82	—	436.10	MODIFICATION
7-3-83	BRISTOW	760055	—	436.10	3-1-85	—	436.10	OPERATIONAL
13-2-85	—	760055	—	436.10	7-8-86	—	705.50	MODIFICATION
7-8-86	—	760555	—	705.50	30 JUN 88	NP	952.1	
3/9/88	OKAN	A/F 5125.9 GIMB	NP	952.1	28 APR 88	NP	1388.8	
27 AUG 89	CHL	A/F 6573.3 760016	NP	1388.8	17 FEB 90	NP	1690.8	LOW POWER
12-10-90	A/F- 6128.1 CHL - GIMV		NP	1690.8	26-11-93	NP	3269.6	TURBINE TX'D
31-3-94	A/F- 9217.0 CHL - GIMT		NP	3269.6	25 MAR 97	N/P	4288.6	CONVENIENCE
25 MAR 97	CHE CGIMR	A/F 6591.8	N/P	4288.6	04 JUN 97	N/P	4397.7	slaking metal
17 NOV 97	CHE GIMB	A/F 6703.6	NP	4397.7	09 APR 98	N/P	4553.6	F.O.R
24 APR 97	CHE GIMB	A/F 6867.7	N/P	4553.6	16 JUN 98	N/P	4636.3	Making metal
22 JUL 98	CHE CGIMN	A/F 7172.2	N/P	4636.3	30 JUL 98	N/P	4380.1	TURBINE DUE - 2000 HR INSP.
	#2				A/F 10312.4		7784.8	MB



FORM 2783A (11-77)

# MODIFICATION RECORD ENGINE ASSEMBLY

Part III  
Page No. 0116

Engine Serial Number CAE - 890238 S Engine Model 250-C308

Compliance Date	Bulletin or Directive No.	Title	Signature	Organization
	CEB 72-3018	Engine, Compressor Discharge Air Tube Flange Doubler Plates - ADD (TIME COMPLIANCE REF CEB)		
7 July 81	CEB 72-3027	Fireshield Insulation Blanket - Rework (TIME COMPLIANCE REF CEB)		
	CEB 73-3008R1	Engine Fuel & Control N2 O.S. Control Replace (TIME COMPLIANCE REF CEB)		
	CEB 73-3001	Engine Fuel & Control, Fuel Control & Governor Assy Screened Orifices-Replace (TIME COMPLIANCE REF CEB)		
	CEB 75-3006R1	Air System - Compressor Bleed Valve Installation - Modify (TIME COMPLIANCE REF CEB)		
22 Dec 80	CSL 3035	Y/w Both ENGINES	(Signature)	BOHI
22 Dec 80	BSL 3033	Y/w Both ENGINES	(Signature)	BOHI
22 Dec 80	CSL 3031	Y/w Both ENGINES	(Signature)	BOHI
22 Dec 80	CSL 3025	Y/w Both ENGINES	(Signature)	BOHI
22 Dec 80	CSL 3022	Y/w Both ENGINES	(Signature)	BOHI

# MODIFICATION RECORD ENGINE ASSEMBLY

FORM 2783A (11-77)

Engine Serial Number CAE-890238S Engine Model 250-306

Compliance Date	Bulletin or Directive No.	Title	Signature	Organization
27 JAN 81	CEB 73-3013	C/w Both ENGINES	[Signature]	BOHI
11 FEB 81	CSL 3038	C/w Both ENGINES	[Signature]	BOHI
10 FEB 81	CEBA 73-3012	DONE AT 300 HOUR INSP.	[Signature]	BOHI
8 MAR 81	CEB 73-3004	INSP. Drive Shaft <small>PC FILTER ADD.</small>	[Signature]	BOHI
27 MAY 81	CSL 3038	Horiz. & Vertical Fireshield	[Signature]	BOHI
7 July 81	CEB 72-3027	Fireshield INSULATION - Renewal	[Signature]	BOHI
7 July 81	CEB 73-3012	Governor Drive Shaft	[Signature]	BOHI
12.1.83	CEB- 73-3013	L.P. Fuel filter assy. Inspect filter element sealing rings.	[Signature]	HANTS AND SEX AVIATION LTD.
"	" A73-3014	Tube Assy. 6899191&6895832. Inspection.	[Signature]	HANTS AND SEX AVIATION LTD.
"	" A73-3015	N2,O/Spd. control-Add lockwasher to ground jumper wire & relocate.	[Signature]	HANTS AND SEX AVIATION LTD.
		P. T. O.		

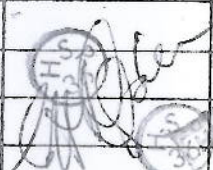
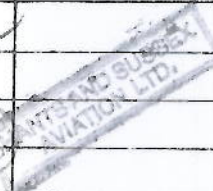
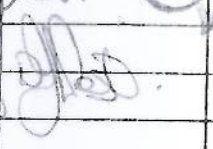
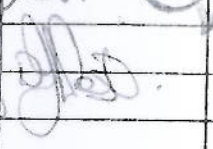
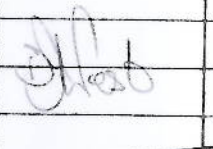
FORM 2783A (11-77)

# MODIFICATION RECORD ENGINE ASSEMBLY

Part III  
Page No. 3

Engine Serial Number CAE-890238 S

Engine Model 250-C30

Compliance Date	Bulletin or Directive No.	Title	Signature	Organization
12.1.83	CEB-75-3012	Bleed valve assy. mounting gasket - Replace by stainless steel gasket.		
"	" 72-3018	Discharge tube flange doubler plates - Add.		
8-12-85	CEB-72-3124 CEB-72-3125 (AD84-24-02)	EXTERNAL ENERGY ABSORBING RING HORIZONTAL FIREWALL SHIELD ASSY, MOD. FR. ENERGY ABSORBING RING		BML 8-2-85
8-2-85	CEB-72-3108	INLET TURBINE SHAFT * REPLACE SLUR ADAPTOR * GEAR SHAFT 'O' RING		BML 8-2-85



# MODIFICATION RECORD ENGINE ASSEMBLY

FORM 2783A (11-77)

Engine Serial Number CAE - 890238S Engine Model 250-C30B

Compliance Date	Bulletin or Directive No.	Title	Signature	Organization
17-6-86	C.H.B. 72-3067	CONVERSION TO 250-C30"S	<i>[Signature]</i>	BRS to BHL H/08
1-12-86	C.H.B.A-72-3115	COMBUSTION CHSE 23030910 FITTED	<i>[Signature]</i>	
<del>1983</del>	<del>AD 81-13-12</del>	<del>4<sup>th</sup> STG</del>	<del></del>	<del></del>
11-1985	AD 79-06-05	ENG N2 OVERSPEED CTR ROLL		
11-1985	AD 79-16-06	GEN. IDLER + SPUR IDLER GEARSHAFTS ROLL		
	AD 81-13-12	4 <sup>th</sup> STG NOB WSP		
11-1985	AD 82-24-05	FLU, GOV - RMV BRKE WITH NYLON SEP		
	AD 84-17-51	TURB. MOD. BUILD PROCEDURS		
11-1985	AD 84-24-54	ENG MOOS		
	AD 84-24-02	ENG MOOS. EXT OR INT CONTAINMENT		
		RING INST		
10-1985	AD 85-00-51	MAGNETIC PLASS-ROLL		
7/11/83	CEB.A 73-3015	FND CLW.		

FORM 2783A (11-77)

# MODIFICATION RECORD ENGINE ASSEMBLY

Part III  
Page No. 45

Engine Serial Number CAE-290238 Engine Model 250-C30

Compliance Date	Bulletin or Directive No.	Title	Signature	Organization
10 MAR 1987	AD79-06-05	ENGINE NR OVERSPEED CTL RPLC - FIE		OTCC
10 MAR 1987	AD79-16-06	GEN IDLER & SPUR IDLER GRSHAFT RPLC FIE		9
10 MAR 1987	AD81-13-12	4TH STG TURBO NO2 - INSP FIE		9
10 MAR 1987	AD82-24-05	FCU, GOV, LMV BRGS WITH NYLON SEP. FIE.		9
10 MAR 1987	AD83-22-05	INSP TURB. SHAFING. RPLC S/A G DRING FIE		9
10 MAR 1987	AD84-17-51	TURB MOD & BUILD PROCB. FIE.		9
10 MAR 1987	AD84-24-02	ENG MODS - EXT DETNT CONT. RING INSP		9
10 MAR 1987	AD84-24-54	ENG MODS FIE		9
10 MAR 1987	AD85-06-51	MAGNETIC PLUGS RPLC FIE		9
10 MAR 1987	AD85-25-07	OUTER COMB CASE MOD FIE		9
10 MAR 1987	AD85-25-08	COMP MOUNT RPLC FIE		9
10 MAR 1987	AD86-19-12	ENG MODS FIE		9
10 MAR 1987	AD86-20-13	SPINED ADAPTER LOCKNUT TORQUE FIE		9

# MODIFICATION RECORD ENGINE ASSEMBLY

Engine Serial Number CAE - 890238 Engine Model 250-C30

Compliance Date	Bulletin or Directive No.	Title	Signature	Organization
10 MAR 1987	CEB A 73-3015	N2 OVERSPEED CTL - RELOCATE + ADD LOCKWASHERS TO GROUND WIRE FIE		OKH 102 E.S. <u>BT/L</u>
10 MAR 1987	CEB 73-3011	L.P. FUEL FILTER BOWL RETAIN LING KEEPER FIE		<u>4</u>
10 MAR 1987	CEB 73-3027	FCL - RELOCATE Pk - ORIFICE FIE		<u>4</u>
10 MAR 1987	CEB 75-3006	B.V. INST MOD FIE		<u>4</u>
10 MAR 1987	CEB A 73-3032	SCROLL TO PL FILTER TUBE INSA FIE		<u>4</u>
10 MAR 1987	CEB 73-3008	N2 OVERSPEED CTL RPLC FIE		<u>4</u>
		* THE ABOVE PER BRISTOW LOG BOOK		<u>4</u>
		CAR LOG BOOK - HANTS + SUSSEX		<u>4</u>
		RELEASE CERTIFICATE.		<u>4</u>
1 SEP '88	AD84-17-51	TURB MOD + BOLD PROC.		
1 SEP '88	AD86-19-12	ENG MODS		
1 SEP '88	AD86-20-13	SPLINED ADAPT LOCKNUT TORQUE		





A-3A042-4 R2-82

# MODIFICATION RECORD ENGINE ASSEMBLY

Part III  
Page No. 8

Engine Serial Number CAE-890238\$

Engine Model 250-C30\$

Compliance Date	Bulletin or Directive No.	Title	Signature	Organization
1 JUL '89	CEBA-73-3014	FP TO LP FUEL FILTER TUBING - ALIGN.	<i>[Signature]</i>	EMB 9-58 14 09 CATE
1 JUL '89	CEBA-73-3015	M2 OVERSPEED CONTROL - RELOCATE + ADD LOCKWASHERS TO GROUND WIRE.	<i>[Signature]</i>	EMB
1 JUL '89	CEBA-73-3032	SCROLL TO PC FILTER TUBE - INSP.	<i>[Signature]</i>	EMB
1 JUL '89	CEB 75-3008	AIR VALVE - REDUCE PISTON DIA.	<i>[Signature]</i>	EMB
1 JUL '89	CEB 75-3013	SOLENOID VALVES - REPL. RISETS.	<i>[Signature]</i>	EMB
1 JUL '89	CEB 75-3015	COMP BLEED GASKET - REPLACE WITH LARGER HOLE GASKET.	<i>[Signature]</i>	EMB
1 JUL '89	CSL 3042	MAINTENANCE PROCEDURES SPUR ADAPTER GEAR SHAFT, O-RING + TURB. MAINT.	<i>[Signature]</i>	EMB
1 JUL '89	CSL A-3062	INEL. COMP. ROTOR - SPUNED ADAPTER	<i>[Signature]</i>	EMB
1 JUL '89	CSL A-3066	NI-SHAFTING.	<i>[Signature]</i>	EMB
1 JUL '89	CSL 3068	ALLISON ASSURED ENGINE	<i>[Signature]</i>	EMB
1 JUL '89	CSL 3073	TURB ROTOR SPUNED LOCKWIT TORQUE REQUIRMENTS.	<i>[Signature]</i>	EMB
1 JUL '89	CSL 3077	TURBINE ALIGNMENT BUILD PROCEDURES.	<i>[Signature]</i>	EMB
1 JUL '89	CSL A-3087	INSP TURB SPUNED ADAPTER LOCKWIT TORQUE.	<i>[Signature]</i>	EMB
1 JUL '89	AD84-17-51	TURB MODIFICATION + BUILD PROCEDURE.	<i>[Signature]</i>	EMB 9-58 14 09 CATE



A-3A042 4 R2-82

# MODIFICATION RECORD ENGINE ASSEMBLY

Engine Serial Number CAE. 890238\$ Engine Model 250-C30\$

Compliance Date	Bulletin or Directive No.	Title	Signature	Organization
1 JUL '88	AD84-24-54	ENGINE MODIFICATIONS. EMB.	<i>[Signature]</i>	CHL
1 JUL '88	AD 86-19-12	ENGINE MODIFICATIONS EMB.		
1 JUL '89	CEB72-310	VERTICAL FIREWALL MOUNTING PARTS REPL. EMB		
1 JUL '89	CEB72-3007, 72-3010, 72-3014, 72-3026, 72-3066, 72-3136,			
1 JUL '89	CEB72-3138, F/E.			
1 JUL '89	CEB73-3002, 3003, 3005, 3006, 3007, 3009, 3010, 3021,			
1 JUL '89	CEB73-3022, 3024, F/E			
1 JUL '89	CEB75-3002, 3003, 3004, 3005, 3007, 3009, 3010, 3011, 3014 F/E			
8 JUL '90	AD 84-24-54R2	ENGINE MODIFICATIONS EMB	<i>[Signature]</i>	CHL
8 JUL '90	AD 86-19-12	ENGINE MODIFICATIONS EMB		CHL
8 JUL '90	AD 86-20-13	SPL. ADAPTER LOCKNUT TORQ. EMB.		CHL
8 JUL '90	CEB 72-3160	OIL CHECK VALVE CHAMPING EMB		CHL
8 JUL '90	CEB 73-3029R1	GOVERNOR-ADD SNUBBER BELLOWS EMB		CHL
8 JUL '90	CEB 73-3030	INC. MAX FLOW STOP SETTINGS EMB	<i>[Signature]</i>	CHL

FORM 2783A (11-77)

# MODIFICATION RECORD ENGINE ASSEMBLY

Part III  
Page No. 10

Engine Serial Number CAE 8902385 Engine Model 250 C305

Compliance Date	Bulletin or Directive No.	Title	Signature	Organization
8 JUL '90	CEB 73-3034	N2 O/S CONTROL IMPROVED EMB	<i>[Signature]</i>	CHL
8 JUL '90	CSL A-3062	INSP. COMP. ROTOR SPLICED ADAPTER EMB.		CHL
8 JUL '90	CSL A-3066	NI SHAFTING INSPECTION EMB		CHL
8 JUL '90	CSL 3073	TURB. ROTOR SPLICED LOCKNUT TORQUE REQ. EMB.		CHL
8 JUL '90	CSL 3077	TURB. ALGN. BUILD PROCEDURES EMB.		CHL
8 JUL '90	CSL A-3087	INSP. TURB SPLICED ADAPTER LOCKNUT TORQUE EMB.	<i>[Signature]</i>	CHL
8 JUL '90	CSL 3037	TURB. MOUNTING PAD SHIMS EMB	<i>[Signature]</i>	CHL
8 JUL '90	CSL 3055	COMP. BLEED VALVE ATTACH. BOLTS EMB.	<i>[Signature]</i>	CHL
8 JUL '90	CSL 3112	MODULE INTERCHANGEABILITY - ROLLER BRGS. AND/OR #5 LAB SEAL EMB.		CHL
8 JUL '90	CSL 3047	INSP. #6 + 7 BRG. PRESS. OIL NOZ. @ RENEWAL EMB.		CHL
8 JUL '90	CSL 3112	COLOUR CODING OF PINION OR NOZZLE AND PICCOLO TUBE EMB.	<i>[Signature]</i>	CHL







# MODIFICATION RECORD ENGINE ASSEMBLY

Engine Serial Number CAE-890238S

Engine Model 250-C30S

Compliance Date	Bulletin or Directive No.	Title	Signature	Organization
March 21/94	CEB A73-3032R3	Scroll to Pc filter tube-inspect.		
March 21/94	CEB 73-3060	Fuel and control-installation of new throttle positioning spring-replace.		
March 21/94	CEB 73-3061	Fuel and control release of new fuel control with stronger bypass valve cover retaining screws-modify.		
March 21/94	CEB A73-3065	Fuel control, inspection by-pass cover screws, & replace all relief valves.		CANADIAN GAS
March 21/94	CEB 73-3067	Air logistics recall of certain Bendix PT governors and fuel controls.		TRIBLUES
March 21/94	CEB A73-3068	Fuel controls bellows-replace.		
March 21/94	CEB 75-3020	Venting of bleed valve discharge air.		
March 21/94	AD 88-07-06, CEB 72-3120R2, A73-3058R1	F/E on 93-7175.		

# MODIFICATION RECORD ENGINE ASSEMBLY

FORM 2783 A (BACK)

Compliance Date	Bulletin or Directive No.	Title	Signature	Organization
7 Nov. 1997	CSL A-3066 R3	N1 shafting inspection.		
7 Nov. 1997	CEB 72-3202	Inspection for proper clamping.		
7 Nov. 1997	CEB A-73-3075	Fuel control bypass cover screw inspection.		
7 Nov. 1997	CEB 72-3158 R3	F/E.		
7 Nov. 1997	CEB 73-3060, 73-3061 R1, 73-3063 R1, A-73-3065, and A-73-3068			
	Rescinded on ACRO W/O# 97-50817.			
13 July 1998	CEB A-73-3032R3	Scroll to PC filter tube, inspect. C/W.		Acro Aerospace Inc.
13 July 1998	CEB A-73-3075	Fuel control by-pass cover screw inspection C/W.		Acro Aerospace Inc.
12 AUG 02	CEB 72-3250 <sup>B</sup>	Increased Thickness Compressor Scroll.		SAL-AMO-22-58
12 AUG 02	CSL-A-3062 <sup>R6</sup>	Compressor Impeller Spline Inspection		SAL-AMO-22-58
12 AUG 02	CSL-A-3066 <sup>R3</sup>	N1 Shafting Inspection.		SAL-AMO-22-58
in 26,2005	CSL-A-3062R6	INSPECT COMPRESSOR ROTOR SPLINED ADAPTER		SAL-AMO-22-58
in 26,2005	CSL-A-3066R5	N1 SHAFTING INSPECTION		SAL-AMO-22-58
in 26,2005	CEB A-73-3032R3	SCROLL TO PC FILTER TUBE-INSPECT		SAL-AMO-22-58

ACRO AEROSPACE

# Ad Note Compliance and Ceb Modification Record Engine Assembly

 Engine Serial Number CAE- 870238 Engine Model 250- C303

AD #	Applicable CEB #	Date	Method of Compliance	One Time	Recurring	Next Comp. Date	Signature and Certificate Number
		Hours @ Comp.				Next Comp. @ Hrs	
	CEB A-73-3075A1	Jan 26 2005 9089.9 AMH	FUEL CONTROL BY-PASS COVER SCREW INSPECTION			9218.4	SAL 501 Q.I. SAL-AMO-22-58
	CEB A-3066R5	8 NOV. 05 9597.0	N <sup>1</sup> SHAFTING INSPECTION		X		SAL 661 QI SAL-AMO-22-58
	CEB A-73-3075R1	8 NOV. 05 9597.0	FUEL CONTROL BY-PASS COVER SCREW INSPECTION		X		SAL 661 QI SAL-AMO-22-58
	CEB A-73-3082R3	8 NOV. 05 9597.0	SCROLL TO PC FILTER TUBE-INSPECT.		X		SAL 661 QI SAL-AMO-22-58
		28 FEB. 07 10261.1	The following CEB's were found embodied: CEB 72-3227R2, 72-3228R1, 72-3250R1, 75-3013R1, 75-3015, A-72-3115R4, A-72-3098R6, A-73-3102R3 and A-73-3118R1.				SAL 661 QI SAL-AMO-22-58
	CEB A-3062R6	28 FEB. 07 10261.1	INSPECT COMP. ROTOR SPLINED ADAPTER		X		SAL 661 QI SAL-AMO-22-58
	CEB A-3066R5	28 FEB. 07 10261.1	N <sup>1</sup> SHAFTING INSPECTION		X		SAL 661 QI SAL-AMO-22-58
	CEB A-73-3075R1	28 FEB. 07 10261.1	FUEL BY PASS COVER SCREW INSPECTION		X		SAL 661 QI SAL-AMO-22-58

## Ad Note Compliance and Ceb Modification Record Engine Assembly



**Rolls-Royce**

Part III

Page No. 15

Engine Serial Number CAE-890238

Engine Model 250-C30S

AD #	Applicable CEB #	Date	Method of Compliance	One Time	Recurring	Next Comp. Date	Signature and Certificate Number
		Hours @ Comp.				Next Comp. @ Hrs	
/	CEB A-72-3252R2	28 FEB 07 10261.1	INSPECT + REPLACE 1ST NOZZLE SHIELD P/N 23073526	X		SAL 661 Q1	SAL-AMO-22-58
	CEB A-73-3032R3	28 FEB 07 10261.1	SCROLL TOP FILTER TUBE-INSPECT		X	SAL 661 Q1	SAL-AMO-22-58
/	CEB A-73-3065	28 FEB 07 10261.1	FULL INSPECT BY PASS COVER SCREWS + RELIEF VALVE REPLACEMENT		X	SAL 661 Q1	SAL-AMO-22-58
	CEB 73-3111R1	27 AUG 08					
	75-3003R1, 75-3006R5, 75-3015R4, A-72-3136R1	27 AUG 08					
A-73-3058R2	A-75-3017R2, A-73-3102R3	10799.3	WERE FOUND EMBODIED			SAL 175 Q1	SAL-AMO-22-58
/	CSL-A-3062R16	27 AUG 08 10799.3	INSPECT COMPRESSOR ROTOR SPUN ADAPTER		X	SAL 1175 Q1	SAL-AMO-22-58
	CEB 72-3245R1	27 AUG 08 10799.3	NEW ENGINE REAR MOUNT ASSY	X		SAL 1175 Q1	SAL-AMO-22-58
/	CEB-A-73-3075R1	27 AUG 08 10799.3	FUEL CONTROL BY-PASS (LONG SCREWS INSPECTION)		X	SAL 1175 Q1	SAL-AMO-22-58
	CEB-A-72-3252R4	27 AUG 08 10799.3	INSPECTION? REPLACEMENT OF 1ST NOZZLE SHIELD	X		SAL 1175 Q1	SAL-AMO-22-58

# Ad Note Compliance and Ceb Modification Record Engine Assembly



Part III  
Page No. 16

Engine Serial Number CAE- 8902383 Engine Model 250- C303

AD #	Applicable CEB #	Date	Method of Compliance	One Time	Recurring	Next Comp. Date	Signature and Certificate Number	
		Hours @ Comp.				Next Comp. @ Hrs		
	CEB-A-73-3032R3	27 AUG 08 10799.3	SCROLL TOP PC FILTER TUBE INSPECTION		X	SAL 1175 QI	SAL-AMO-22-58	
	CSL-A-3062R6	9 OCT. 09 11458.5	INSP. COMP. ROTOR SPLINED ADAPTER		X	SAL 661 QI	SAL-AMO-22-58	
	CEB 72-3250R1	9 OCT. 09 11458.5	INCREASED THICKNESS COMPRESSOR SCROLL	X		SAL 661 QI	SAL-AMO-22-58	
	CEB-A 73-3075R1	9 OCT. 09 11458.5	FOU BY PASS COVER SCREW INSPECTION		X	SAL 661 QI	SAL-AMO-22-58	
	CEB-A 73-3032R3	9 OCT. 09 11458.5	SCROLL TO PC FILTER TUBE-INSPECT		X	SAL 661 QI	SAL-AMO-22-58	
		9 OCT. 09 11458.5	<b>The following were found embodied:</b> AD 84-24-54R2, AD 86-20-13R0, CSL 3072R0, CEB 72-3067R2, 72-3110R0, 72-3138R0, 72-3160R0, 72-3202R0, 72-3227R2, 72-3228R1, 72-3245R1, 73-3111R1, 75-3012R1, 75-3013R1, 75-3015R0, 75-3020R0, A-72-3136R1, A-72-3217R4, A-72-3252R6, A-73-3021R0 & A-73-3102R3.				SAL 661 QI	SAL-AMO-22-58

IT-2786D (12/98)



# INSPECTION — MAINTENANCE — OVERHAUL RECORD

## ENGINE ASSEMBLY

FORM 2784A-1 (4-79)  
Engine Serial Number CAE - 8902385

Engine Model 250-C30

Date	Engine Time		Remarks	Signature	Organization
	Since OH	Total			
12-19-79	NEW	0.0	FUEL SYSTEM PRESERVED WITH MIL-0-6081 OIL.	<i>[Signature]</i>	DDA-GMC
3-24-80	New	0.0	Engine Depreserved per 250-C30 Maint. Manual.	<i>[Signature]</i>	
12.1.83	New	436.10	Engine repaired-Released untested.	<i>[Signature]</i>	
1 SEP '88	NP	952.1	REPAIRED IAW 14W3 ON OKAN W/O EV25543	<i>[Signature]</i>	CHL
1 JUL '89	NP	1388.8	REPAIRED IAW 14W3 ON CHL W/O: EV25876	<i>[Signature]</i>	CHL
3 JUL 96	NP	1690.8	REPAIRED IAW 14W3 ON W/O EV26475	<i>[Signature]</i>	CHL

SIKORSKY AIRCRAFT  
QUALITY ASSURANCE  
PARTS AND SUPPLIES  
AVIATION LTD. TX

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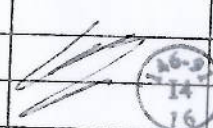
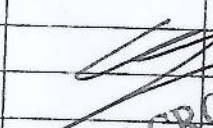

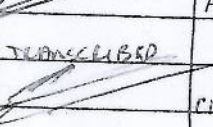
# INSPECTION — MAINTENANCE — OVERHAUL RECORD

## ENGINE ASSEMBLY

FORM 2784A-1 (4-79)

Engine Serial Number CAE- 890238 s

Engine Model 250- C30 s

Date	Engine Time		Remarks	Signature	Organization
	Since OH	Total			
1-3-94	NP	3269.6	Engine repaired IAW 14W3 manual on CGT W/O# 93-07175. 100 hr, 300 hr, 600 hr and 1750 hr insp. C/W.		CAIRO G.P.S. TURBINES
Nov. 1997	NP	4397.7	Engine assembly repaired and tested IAW 14W3 manual, 2000 hour inspection carried out IAW 14W2 manual on ACRO W/O# 97-50817 and W/O# 97-53935.		ACRO AEROSPACE 231-81 SCA T-18
3 July 98	N/P	4636.3	Engine repaired and Tested I.A.W. 14W3, 300 Hour inspection carried out I.A.W. 14W2, as per Acro W/O #98-63844.		231-81 SCA T-18 Acro Aerospace Inc.
0 JUL 00	NIP	6390.1	ENG REPAIRED, REPLACED TURBINE + C/W HOWE W/O# 98-04662 PO 508 986	TRANSCRIBED 	231-81 SCA T-18 CITE 165-93-024



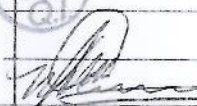
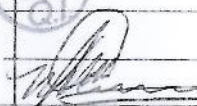
# INSPECTION — MAINTENANCE — OVERHAUL RECORD

## ENGINE ASSEMBLY

S0468 A

Engine Serial Number CAE-890238S

Engine Model 250-C30S

Date	Engine Time		Remarks	Signature	Organization
	Since OH	Total			
12 AUG 02	NIP	778 <del>1-8</del>	ENGINE CAE-890238S HAS BEEN REPAIRED, ( LOW POWER, CRACKED SCROLL GEARBOX CEB-A-72-3217, AND TURBINE INTERNAL OIL LEAK), AND TESTED IN ACCORDANCE WITH ROLLS ROYCE 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 # LW-381695. TSO-N/P, TSN-77898, CSO-N/P, CSN-14620. 1.5 MB	 SAL-AMO-22-58	
	CSO-NIP	CSN-14620			
16 JUL 03	NIP	2421.4	2000 HR INSP. C/O IAW INSP PROG	 SAL-AMO-22-58	
	CSO NIP	CSN16015	PO820W AT A/F 11824.3 TRANSURAN FOR WYN HAYNES 165-93-113		
SEE NEXT PAGE					





# Inspection - Maintenance - Overhaul Record Engine Assembly

Engine Serial Number CAE- 890 238 Engine Model 250- C30 8

Date	Engine Time		Remarks	Signature and Certificate No.	Organization
	Since OH	Total			
8 NOV. 05	NEW	9597.0	<p style="text-align: center;"><b>STANDARD AERO</b> www.standardaero.com</p> <p>33 Allen Dyne Road Winnipeg, Manitoba Canada R3H 1A1 Phone: 204-788-2693</p> <p>Engine Assembly p/n 23005290 s/n CAE890238S (less FCU to Fireshield Fuel Line &amp; Fuel Fitting) has been repaired (OCC, Combustion Liner &amp; Discharge Tubes were NDT inspected; OCC &amp; Tubes were pressure tested) (Compressor Assy had a 2000 hr spline inspection performed iaw CSL-A-3066R5 &amp; a custom contour applied to the shroud housing) (Turbine Assy had the 1<sup>st</sup> &amp; 2<sup>nd</sup> Stage Wheels replaced) (Gearbox Assy and remainder of engine had an external visual serviceability inspection) and tested in accordance with Rolls Royce 250-C30 Overhaul Manual 14W3 2<sup>nd</sup> Ed. 11<sup>th</sup> Rev. Dated 01/04/05, Maintenance Manual 14W2 6<sup>th</sup> Ed. 11<sup>th</sup> Rev. Dated 15/11/04 and the current maintenance rules of the Canadian Aviation Regulations. <b>150, 300 and 2000 hr inspections have been complied with (engine only) as indicated in the supplied checklist in accordance with 14W2 6<sup>th</sup> Ed. 11<sup>th</sup> Rev. Dated 15/11/04.</b> The following major parts were replaced: Shroud Housing Assy, Turbine to Compressor Coupling Shaft, Turbine Shaft to Pinion Gear Coupling, Exhaust Collector, 1<sup>st</sup> &amp; 2<sup>nd</sup> Stage Turbine Wheels &amp; Bearings. <b>The product is released serviceable for return to service.</b> All pertinent details of work performed are on file at this organization under Work Order LW571478. <i>ON CHL POS8868</i></p>		
	CON: NEW	CON: 18808			
			<i>M. Zeman for Mike James</i>		

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SAL-AMO-22-58  
*Rebecca Perrault*  
**REBECCA PERRAULT**

*16523-177*



GT-2784A (5/95)

# INSPECTION - MAINTENANCE - OVERHAUL RECORD ENGINE ASSEMBLY



Part IV  
Page No. 6

Engine Serial Number CAE- 890238 Engine Model 250- C305

Date	Engine Time		Remarks	Signature and Certificate No.	Organization
	Since OH	Total			
28 FEB 07	NEW	10261.1	<p><b>STANDARD AERO</b> www.standardaero.com</p> <p>33 Allen Dyne Road Winnipeg, Manitoba Canada R3H 1A1 Phone: 204-788-2693</p> <p>Engine Assembly p/n 23005290 s/n CAE890238S complete with (2) vibration brackets (less N2 Overspeed Control, Fuel Hose &amp; Start Counter) has been repaired to correct an oil leak (OCC &amp; Discharge Tubes were NDT inspected &amp; pressure tested) (Compressor Assy s/n CAC90641 installed) (Gearbox Assy s/n CAG90160 installed) (Turbine Assy s/n CAT90252 installed) and tested in accordance with Rolls Royce 250-C30 Overhaul Manual 14W3 2<sup>nd</sup> Ed. 12<sup>th</sup> Rev. Dated 01/04/06 and the current maintenance rules of the Canadian Aviation Regulations. 150, 300 &amp; 2000 hr inspections have been complied with (engine only) as indicated in the supplied checklist in accordance with Maintenance Manual 14W2 6<sup>th</sup> Ed. 13<sup>th</sup> Rev. Dated 15/11/06. The following major part was replaced: Combustion Liner. 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 LW645055.</p>		
	NEW	20516h			



SAL-AMO-22-58  
Rebecca Perrault  
REBECCA  
PERRAULT

# Inspection - Maintenance - Overhaul Record Engine Assembly



**Rolls-Royce**

Part IV  
Page No. 7

Engine Serial Number CAE- 8902388 Engine Model 250- C303

Date	Engine Time		Remarks	Signature and Certificate No.	Organization
	Since OH	Total			
0 APR 07	NEW	10261.1	<p style="text-align: center;"><b>STANDARD AERO</b> www.standardaero.com</p> <p>33 Allen Dyne Road Winnipeg, Manitoba Canada R3H 1A1 Phone: 204-788-2693</p> <p>Engine Assembly p/n 23005290 s/n CAE890238S complete with (2) vibration brackets (less N2 Overspeed Control, Fuel Hose &amp; Start Counter) has had a hard landing inspection performed (engine container rolled over during shipping) and tested in accordance with Rolls Royce 250-C30 Overhaul Manual 14W3 2<sup>nd</sup> Ed. 13<sup>th</sup> Rev. Dated 01/04/07. <b>The product is released as repaired, on a time continued basis, subject to a successful check run and power assurance check in the airframe.</b> All pertinent details of work performed are on file at this organization under Work Order LW593752.</p>		  SAL-AMQ-22-58 <i>Rebecca Perrault</i> REBECCA PERRAULT
	CAE8902388 NEW	CAE8902388 20566			




## Inspection - Maintenance - Overhaul Record Engine Assembly



**Rolls-Royce**

Part IV  
Page No. 8

Engine Serial Number CAE-8902385 Engine Model 250-C305

Date	Engine Time		Remarks	Signature and Certificate No.	Organization			
	Since OH	Total						
AUG 29 2008	NEW	10799.3	 <b>StandardAero</b> www.standardaero.com 33 Allen Dyne Road Winnipeg, Manitoba Canada R3H 1A1 Phone: 204-788-2693 Engine Assembly p/n 23005290 s/n CAE-890238S complete with (2) vibration brackets (less N2 Overspeed Control, Fuel Control to Fireshield Tube Assy, Starter Counter, Fuel Hose Assy & Bleed Valve) has been repaired to correct low power, complaint of stalling could not be confirmed (OCC and Discharge Tubes were NDT inspected and pressure tested)(Compressor Assy s/n CAC-90520, Gearbox Assy s/n CAG-90117 and Turbine Assy s/n CAT-90252 were installed) and tested (less Bleed Valve) (150 hr vibration test completed using ACES equipment) in accordance with Rolls Royce 250-C30 Overhaul Manual 14W3 2 <sup>nd</sup> Ed. 14 <sup>th</sup> Rev. Dated 01/04/08. 150, 300 & 2000 hr inspections have been complied with (engine only) as indicated in the supplied checklist iaw Maintenance Manual 14W2 6 <sup>th</sup> Ed. 14 <sup>th</sup> Rev. Dated 15/11/07. The following major parts were replaced: (4) Tube Assy, Spark Igniter, Anti-Icing Tube, Combustion Liner, Fuel Control, Compressor Assy, and Gearbox Assy. This engine has been released as repaired subject to a successful check run and power assurance check in the airframe. All pertinent details of the work performed are on file at this organization under Work Order LW711894.	 SAL-AMO-22-58  ROGER CERVANTES				
	CSO: NEW	CSN: 21887						
05 AUG 09	NEW	11458.5				Engine P/N 250C305 S/N CAE-8902385	Transcribe for Jay Watts #165-93-1034	CHL
	CSO: NEW	CSN: 23453				Removed From A/C C-GIMZ @ 11421.9 AET	Isabelle Laberge	



# Inspection - Maintenance - Overhaul Record Engine Assembly



Part IV  
Page No. 9

Engine Serial Number CAE-890238

Engine Model 250-2305

Date	Engine Time		Remarks	Signature and Certificate No.	Organization
	Since OH	Total			
OCT 09	NEW	11458.5	 <p>33 Allen Dyne Road Winnipeg, Manitoba Canada R3H 1A1 Phone: 204-788-2693</p> <p>www.standardaero.com</p> <p>Engine Assembly p/n 23005290 s/n CAE-890238 complete with (2) vibration brackets (less N2 Overspeed Control, Fuel Hose, Fuel Control to Fireshield Tube &amp; Start Counter) has been repaired to replace cycle expired 1<sup>st</sup> &amp; 2<sup>nd</sup> stage turbine wheels (OCC &amp; Discharge Tubes were NDT inspected &amp; pressure tested; a new combustion liner installed) (Compressor Assy s/n CAC-90329 installed) (Gearbox Assy s/n CAG-90406 installed) (Turbine Assy s/n CAT-90339 installed) &amp; tested (less Bleed Valve) (150 hr vibration test performed) in accordance with Rolls Royce 250-C30 Overhaul Manual 14W3 2<sup>nd</sup> Ed. 15<sup>th</sup> Rev. Dated 01/04/09. 150, 300 &amp; 2000 hr inspections have been complied with (engine only) as indicated in the supplied checklist iaw Maintenance Manual 14W2 6<sup>th</sup> Ed. 15<sup>th</sup> Rev. Dated 15/11/08. The following major parts were replaced: Lube Check Valve, Combustion Liner, (2) Spark Igniters, Fuel Control, Compressor Assy, Gearbox Assy &amp; Turbine Assy. <b>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.</b> All pertinent details of work performed are on file at this organization under Work Order LW758715.</p>		
	CSG: NEW	CSG: 23453			
7 Oct 09	NEW	11458.5	Rec'd CHL PO #527759		16581018
	CSG: NEW	CSG: 23453			CHL

## Inspection - Maintenance - Overhaul Record Engine Assembly



Part IV  
Page No. 10

Engine Serial Number CAE- 890238

Engine Model 250- C305

Date	Engine Time		Remarks	Signature and Certificate No.	Organization
	Since OH	Total			
26 MAR 2010	NEW	11747.4	Removed Fuel Nozzle P/N 23077067		
	CSO: NEW	23985	S/N 1XR05447, Installed Fuel Nozzle P/N 23077067 S/N A681877	1 Laberge Transcribe for Dave Hartzberg #165-93-096	CHL
03 AUG 2010	NEW	12022.3	Removed fuel nozzle P/N 23077067	1 Laberge Transcribe	
	CSO: NEW	24600	S/N A681877	for Jacy Watts #165-93-1224	CHL
9 Dec 2010	NEW	12984.1	Removed fuel nozzle P/N 23077067	R. Letourneau Transcribe	
	CSO: NEW	25246	S/N 1TM04590, Installed P/N 23077067 S/N 10L03903	for Jacy Watts #165-93-1224	CHL
23 MARCH 2011	NEW	12360.9	Removed engine ASSY P/N 250C305	TRANSCRIBED FOR SCAN BY R. LETOURNEAU	
	CSO: NEW	CSN: 25400	S/N CAE-890238 FROM A/C C-GIMA	CAMPBELL #165-93-1263	CHL




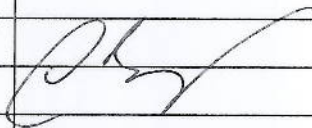
# Inspection - Maintenance - Overhaul Record Engine Assembly



Part IV  
Page No. 11

Engine Serial Number CAE-890238

Engine Model 250-C303

Date	Engine Time		Remarks	Signature and Certificate No.	Organization
	Since OH	Total			
16 May 2011	NEW	12360.9	 <p>Engine Assembly p/n: 23005290 Helicopters Canada s/n: CAE-890238 was disassembled and repaired for gearbox housing PTO seal bore damage.</p> <p>Major part replaced during this maintenance include: Engine harness, igniter lead &amp; tubes. 150hrs inspection have been complied with as indicated in the supplied form RR250-INS-0150. This engine was reassembled and is approved for return to service on a time continued basis. All work performed in accordance with Rolls Royce 250-C30 Operation and Maintenance Manual 14W2. All pertinent details concerning this repair is filled at Canadian Helicopters Ltd under Work Order: 11-2199.</p>		<p>165-93-1847 CHL</p>
cycles 3	NEW	25400			

# ASSEMBLY RECORD ENGINE ASSEMBLY

Part V  
Page No. 1

FORM 2785A-1(4-79)

Engine Serial Number CAE - 8902385

Engine Model 250-C308

Nomenclature	Part Number	Serial Number	INSTALLED			REMOVED			Reason
			Date	Engine Total Time	TSO This Item	Date	Engine Total Time	TSO This Item	
GEARBOX	6896424	90243	12-19-79	0.0	NEW	5-7-85	500:18	500:18	2 1/2 Bearings Broken
COMPRESSOR	6896410	90245	"	"	"	5-7-85	500:18	500:18	CMB-72-3059
TURBINE	6898685	90245	"	"	"	3-1-85	436.10	436.10	CMB-A-72-3127
CONTROL	6899265	326896	"	"	"	3/80	0:00	NEW	CONVENIENCE
GOVERNOR	6898867	21870	"	"	"	9-3-85	436.10	436.10 <sup>TSN</sup>	ops R/C
<i>0015</i> PUMP	6896810	0088	"	"	"	3/80	0:00	NEW	CONVENIENCE
NOZZLE	6899001	AG51339	"	"	"	16-03-91	2013.3	20 NP	
BLEED VALVE	23001761	FF29280	"	"	"	131285	4441:00	4441:00	ops R/C
N2 O.S. CONT	23001751	RD10383	"	"	"	8-2-85	436.10	20	T84-17-51
N2 O.S. VALVE	6899254	240	"	"	"	12 AUG 02	UNK	UNK	Previously Removed
N1 PICKUP	6898540	A336	"	"	"				
N2 PICKUP	6899145	A172	"	"	"	25 Sep 81	370:55	TSO 370:55	Man Sched.

# ASSEMBLY RECORD

## ENGINE ASSEMBLY

Part V  
Page No. 2

FORM 2785A-1(4-79)

Engine Serial Number CAB - 8902385

Engine Model 250-C305

Nomenclature	Part Number	Serial Number	INSTALLED			REMOVED			Reason
			Date	Engine Total Time	TSO This Item	Date	Engine Total Time	TSO This Item	
Fuel Control	6899308	325043	3/80	0:00	NEW	2/18/81	64:30	64:30	TO SERVICE 8902385
Fuel Control	6899308	325043	2/18/81	64:30	TSN 69:05	30 Jun 81	366:25	370:35	Unserviceable
Fuel Pump	6896810	0015	3/80	0:00	NEW	15/10/85	705:50	705:50	OPS REQUIREMENT
Fuel Control	6899265-F	326287	30 Jun 81	366:25	913:35	7 Jul 81	370:25	917:45	
Fuel Control	6899308	325957	7 Jul 81	370:25	-0-	7-4-83	436:10	65:15	MODIFICATION.
N2 Pickup	6899145	A596	5 Oct 81	370:55	TSN 0:00	13-12-93	3269.6		
GOVERNOR	6898867	24193	9-3-83	436:10	TSN 699:35	15/06/89	1003.9	1247.3	
FUEL CONTROL UNIT	23003140A	329838	7-4-83	436:10	994:50	11-12-84	436:10	994:50	A.O.C. REQUIREMENT
TURBINE		40119	3-1-85	436:10					
TURBINE	6898685	90081	8-2-85	436:10	232:15	28-1-86	705:50	501:55	MODIFICATION.
FUEL CONTROL UNIT	23030617	325951	8-2-85	436:10	NIL	4-11-85	705:50	269:40	A.O.C. REQUIREMENT
FUEL CONTROL	23001768	RD12730	8-2-85	436:10	NIL	12 JUL 82			Previously Removed.

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# ASSEMBLY RECORD ENGINE ASSEMBLY

Part V  
Page No. 3

Engine Serial Number CAN-890238 S

Engine Model 250-C30 B

Nomenclature	Part Number	Serial Number	INSTALLED			REMOVED			Reason
			Date	Engine Total Time	TSO This Item	Date	Engine Total Time	TSO This Item	
GEARBOX	23005652	90756	5-7-85	500:18	0.0	7-12-85	580:39	80:21	CONVENIENCE
COMPRESSOR	23005250	90856	5-7-85	500:18	0.0	7-12-85	580:39	80:21	CONVENIENCE
GEARBOX	23005652	90243	7-12-85	580:39	500:18	1 JUL '89	1388.8	<sup>TSN</sup> 1308.4	
COMPRESSOR	23005250	90245	7-12-85	580:39	500:18	1 JUL '89	1388.8	<sup>TSN</sup> 1308.4	
TURBINE	6898685	970081	1-5-86	705.50	<sup>505.1</sup> 504.55	1 SEP '88	952.1	749.4	
BLEED VALVE	23005366	F#27656	7-8-86	705.50	NIL	1 JUL '89	1388.8	683.0	
FUEL PUMP	6896810	0123	26-8-86	705.50	940.20	18-12-93	3269.6	817.4	
F.C. U	23003138	325428	18-8-86	705.50	<sup>TSN</sup> 1282.35	26/1/88	978.4	<sup>TSN</sup> 1555.2	
TURBINE	23004540	<sup>CAN</sup> 90051	1 SEP '88	952.1	1060.9	1 JUL '89	1388.8	1497.6	
FUEL CONTROL	23003140	325429	26/1/88	978.4	1159.8	27/3/89	1316.8	1498.2	
FUEL CONTROL	23030639	325955	27/3/89	1316.8	0.0	6-12-89 29/1/88	1562.3	245.5	UIS
GOVERNOR	2524692.8	25162	15/04/88	1003.9	0.0	19/07/88	1009.4	5.5	

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# ASSEMBLY RECORD

## ENGINE ASSEMBLY

Part V  
Page No. 17

Engine Serial Number CAE-890230

Engine Model 250-C305

Nomenclature	Part Number	Serial Number	INSTALLED			REMOVED			Reason
			Date	Engine Total Time	TSO This Item	Date	Engine Total Time	TSO This Item	
OVERNOR	6898267	24193	19/05/88	1009.4	<sup>TSO</sup> 1267.3	15/2/89	1236.4	<sup>TSO</sup> 1494.3	
OVERNOR	2524692-8	25162	15/FEB/89	1236.4	5.5	28/APR/89	1388.8	157.9	
OVERNOR	23067882	23603	28/APR/89	1388.8	1757.3	PREVIOUSLY REMOVED	<del>1690.8</del>		
TURBINE	23001925	<sup>UNT-90620</sup>	1 JUL 90	1388.8	0.0	8 JUL 90	1690.8	302.0	
IMPELLOR	23005290	LAG 90373	11 JUL 90	1388.8	2845.5	8 JUL 90	1690.0	3147.5	
EXPL BOX	23005652	LAG 90208	13 JUL 90	1388.8	2184.3	13-12-93	3269.6	4065.1	
LEED VALVE	23005366	FF 2696	2 JUL 90	1388.8	454.6	07/01/90	1612.8	678.6	
LEED VALVE	23005450	FF 2698	07-01-90	1612.8	<sup>TSO</sup> 686.4	17 Feb 90	1690.8	/	
FUEL CONTROL	23007501	325944	06-12-89	1562.3	739.2	1 Feb 90	1659.9	836.8	CONTAMINATED
FUEL CONTROL	25247452D	326219	01-02-90	1659.9	186.1	17 Feb 90	1690.8	217.0	'S'
LEED VALVE	23005366	FF 26629	17 Feb 90	1690.8	1333.7	8 JUL 90	1690.8	1333.7	'S'
FUEL CONTROL	23038956	304727	8 JUL 90	1690.8	315.1	12-10-90	2052.7	677.0	
LEED VALVE	23005366	FF 30376	8 JUL 90	1690.8	1417.3	27-06-92	2144.7	1142.0	

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# ASSEMBLY RECORD ENGINE ASSEMBLY

Part V  
Page No. 5

Engine Serial Number CAE 8902385 Engine Model 250 C305

Nomenclature	Part Number	Serial Number	INSTALLED			REMOVED			Reason
			Date	Engine Total Time	TSO This Item	Date	Engine Total Time	TSO This Item	
TURBINE	29033195	CAT 90214	8 JUL 90	1690.8	0.0	13-12-93	3269.6	1518.8	
COMPRESSOR	23052270	CAC 92641	8 Jul 90	1690.8	2610.8	13-12-93	3269.6	4189.6	
FUEL NOZZLE	6899001	AA5379	16-03-91	2013.3	0.0	13-12-93	3269.6	1256.3	
FUEL PUMP	6896810	0123	08/12/90	1690.8	1925.3	10-10-91	2326.5	2561.0	Leaking AA Seal
Fuel Pump	6896810	0162	10-10-91	2308.6	1625.7	18-02-92	2452.0	1769.1	low Press.
Fuel Control	23034700	326911	12-10-90	1690.8	0.0	10-10-91	2326.5	635.7	Fuel Contamination (oil bearing)
Fuel Control	23038956	334543	10-10-91	2308.6	899.1	18-02-92	2452.0	1042.5	Suspect Contamination.
Fuel Pump	6896810	10123	18-02-92	2452.0	0.0	13-12-93	3269.6	817.6	
Fuel Control	23033846	326949	18-02-92	2452.0	526.1	26-11-93	3269.6	1343.7	TRANSFER TO 8907565
Bleed Valve	23005366	FF36261	27-06-92	2604.0	4.9	13-12-93	3269.6	670.5	
GOVERNOR	23007874	26404	12-10-90	1690.8	760.9	17-01-93	2930.1	2000.2	
GOVERNOR	23007874	21549	17-01-93	2930.1	577.1	13-12-93	3269.6	916.6	
FUEL CONTROL	23033846	325944	26-11-93	3269.6	36.5	13-12-93	3269.6	36.5	

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# ASSEMBLY RECORD

## ENGINE ASSEMBLY

 Part V  
 Page No. 6

 Engine Serial Number CAE-8902385

 Engine Model 250-C30S

Nomenclature	Part Number	Serial Number	INSTALLED			REMOVED			Reason
			Date	Engine Total Time	TSO This Item	Date	Engine Total Time	TSO This Item	
ARBOX	23035179	CAG 90208	21-3-94	3269.6	4065.1	25 MAR 97	4288.6	5089.1	
ARBINE	23033195	CAT 90214	21-3-94	3269.6	0.0	25 MAR 97	4288.6	1019.0	
COMPRESSOR	23052270	CAC 90641	21-3-94	3269.6	4186.9	25 MAR 97	4288.6	5205.9	
EL CONTROL	23059932	325944	21-3-94	3269.6	36.5	27-8-94	3552.7	319.6	TO SERVICE GIMT
EL NOZZLE	6899001	AG53179	21-3-94	3269.6	1256.3	13-6-95	4012.6	1999.3	TIX FOR OIH
EL PUMP	6896810	T0123	21-3-94	3269.6	817.6	25 MAR 97	4288.6	1836.6	
EXHAUST VALVE	23005366	FF36261	21-3-94	3269.6	670.5	24-7-95	4092.8	1493.7	TIX FOR OIH
FERNOR	23007874	21848	21-3-94	3269.6	916.6	21 MAR 97	4288.6	1935.6	almost TIX
EL CONTROL	23033846	34136	27-8-94	3552.7	1111.4	25 MAR 97	4288.6	1847.3	
EL NOZZLE	6899001	AG81854	13-6-95	4012.6	0.0	25 MAR 97	4288.6	276.0	
EXHAUST VALVE	23005366	FF36056	24-7-95	4092.8	0.0	25 MAR 97	4288.6	195.8	



# ASSEMBLY RECORD

ENGINE ASSEMBLY

Part V

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Engine Serial Number CAF 8902385 Engine Model 250C305

Nomenclature	Part Number	Serial Number	INSTALLED			REMOVED			Reason
			Date	Engine Total % Time	TSO This Item	Date	Engine Total % Time	TSO This Item	
GEARBOX	23035179	2AG90208	25MAR97	6591.8	5094.1	04JUN97	6700.9	5193.2	with eng.
COMPRESSOR	23052270	2AC90641	25MAR97	6591.8	5208.6	04JUN97	6700.9	5317.7	with eng.
TURBINE	23033195	2AT90214	25MAR97	6591.8	1019.0	04JUN97	6700.9	1128.1	with eng.
FUEL CONTROL	23033946	34176	25MAR97	6591.8	1847.3	03JUN97	6700.9	1966.4	Convenience
FUEL PUMP	6896810	T0123	25MAR97	6591.8	1836.6	04JUN97	6700.9	1945.7	with eng.
FUEL NOZZLE	6899001	AG81854	25MAR97	6591.8	276.0	04JUN97	6700.9	385.1	with eng.
BLEED VALVE	23005366	FF36056	25MAR97	6591.8	195.8	04JUN97	6700.9	304.9	with eng.
GOVERNOR	23007874	20262	25MAR97	6591.8	1622.6	04JUN97	6700.9	1731.7	with eng.
Fuel Control	23038956	334090	03JUN97	6700.9	1178.2	04JUN97	6700.9	1178.2	with eng.
FUEL CONTROL	23038956	334090	17-11-97	4397.7 <sup>air</sup> <sub>6103.6</sub>	1178.2	09AUG98	6859.5	1331.1	with eng.
FUEL NOZZLE	6899001	AG81854	17-11-97	4397.7 <sup>air</sup> <sub>6103.6</sub>	0.0	09AUG98	6859.5	155.9	with eng.
FUEL PUMP	6896810	T0123	17-11-97	4397.7 <sup>air</sup> <sub>6103.6</sub>	1945.7	09AUG98	6859.5	2101.6	with eng.
GOVERNOR	23007874	29579	17-11-97	4397.7 <sup>air</sup> <sub>6103.6</sub>	925.5	09AUG98	6859.5	1081.4	with eng.
BLEED VALVE	23005366	FF30310	17-11-97	4397.7 <sup>air</sup> <sub>6103.6</sub>	0.0	09AUG98	6859.5	155.9	with eng.



# ASSEMBLY RECORD

ENGINE ASSEMBLY

Part V

Page No. 8

Engine Serial Number CAG 890 238 \$ Engine Model 250 - C30 \$

Nomenclature	Part Number	Serial Number	INSTALLED			REMOVED			Reason
			Date	Engine Total AF Time	TSO This Item	Date	Engine Total AF Time	TSO This Item	
EARBOX	23035179	CAG-90208	17-11-97	4397.7 <sup>AF</sup> <sub>6103</sub>	5193.2	09 APR 98	6859.5	5349.1	with eng
COMPRESSOR	23051643	CAC-90641	17-11-97	4397.7 <sup>AF</sup> <sub>6103</sub>	5317.7	09 APR 98	6859.5	5473.6	with eng
TURBINE	23033195	CAT-90214	17-11-97	4397.7 <sup>AF</sup> <sub>6103</sub>	0.0	09 APR 98	6859.5	155.9	with eng
Fuel Control	23038956	334090	24 APR 98	6867.7	1334.1	16 Jun 98	6950.4	1416.8	with eng.
Fuel Nozzle	6899001	AG <del>81854</del>	24 APR 98	6867.7	155.9	16 Jun 98	6950.4	238.6	with eng
Fuel Pump	6896810	T0123	24 APR 98	6867.7	2101.6	16 Jun 98	6950.4	2184.3	with eng
Governor	23007874	27577	24 APR 98	6867.7	1081.4	16 Jun 98	6950.4	1164.1	with eng
Bleed Valve	23005366	KF 30310	24 APR 98	6867.7	155.9	16 Jun 98	6950.4	238.6	with eng
Gear Box	23035179	CAG-90208	24 APR 98	6867.7	5349.1	16 Jun 98	6950.4	5431.8	with eng
Compressor	23051643	CAC-90641	24 APR 98	6867.7	5473.6	16 Jun 98	6950.4	5556.3	with eng
TURBINE	23033195	CAT-90214	24 APR 98	6867.7	155.9	16 Jun 98	6950.4	238.6	with eng
Fuel Nozzle	6899001	AG81868	<sup>22</sup> 13 Jul 98	7172.2	0.0	14 Jul 98	7352.1	179.9	Cleaning
Fuel Control	23038956	334090	<sup>22</sup> 13 Jul 98	7172.2	1416.8	11 Aug 97	8038.9	2283.5	CEB. A-73.3068, K2
Fuel Pump	6896810	T0123	<sup>22</sup> 13 Jul 98	7172.2	2184.3	23 Jul 97	7984.2	2996.3	tuned



# ASSEMBLY RECORD

ENGINE ASSEMBLY

Part V

Page No. 9

Engine Serial Number CAE 8902385 Engine Model 250C305

Nomenclature	Part Number	Serial Number	INSTALLED			REMOVED			Reason
			Date	Engine Total % Time	TSO This Item	Date	Engine Total % Time	TSO This Item	
GOVERNOR	23007874	29579	22 JUL 98	7172.2	1164.1	26 JUL 99	7984.2	1976.1	due for o/h
BLEED VALVE	23005366	FF 30310	22 JUL 98	7172.2	238.6	07 JAN 2000	8424.7	1491.1	due for o/h
GEARBOX	23035179	CAG 90208	22 JUL 98	7172.2	5431.8	30 JUL 00	8916.0	7175.6	gear face damaged
COMPRESSOR	23051643	CAC 90641	22 JUL 98	7172.2	5556.3	17 MAR 02	10317.4	8701.5	engine on so
TURBINE	23033195	CAT 90214	22 JUL 98	7172.2	238.6	28 Dec 99	8405.6	1472.0	oil leak
Fuel Nozzle	6899001	0284	14 Oct 98	7352.1	1332.4	05 AUG 99	8017.5	1997.8	due for o/h
Fuel Pump	6896810	F300173	23 JUL 99	7984.2	0.0	17 MAR 02	10317.4	2333.2	w/ o/h CAG 90238
Governor	2524692-11	84020048	26 JUL 99	7984.2	0.0	25 SEP 01	9928.9	1947.7	due for o/h
Fuel Nozzle	6899001	AG60297	05 AUG 99	8017.5	0.0	18 OCT 01	10006.6	1989.1	due for o/h
Fuel Control	23065147	332717	11 AUG 99	8038.9	0.0	29 NOV 01	10116.6	2077.7	convenience
Bleed Valve	23005366	FF30457	07 JAN 2000	8424.7	0.5	24 SEP 01	9928.9	1507.7	due for o/h
TURBINE	23033195	CAT 95086	28 DEC 99	8405.6	1389.1	30 JUL 00	8916.0	1299.5	due for o/h
GEARBOX	23008586	CAG 90366	30 JUL 00	8916.0	3935.5	17 MAR 02	10317.4	5336.9	TSO CAG 90238 3217 R4 LOW OIL W/L
TURBINE	93031925	CAT-90454	30 JUL 00	8916.0	0.0	12 NOV 01	10051.5	1135.5	SEM LUB



# ASSEMBLY RECORD

ENGINE ASSEMBLY

Part V

Page No. 10

Engine Serial Number CAC-8902385 Engine Model 250-C305

Nomenclature	Part Number	Serial Number	INSTALLED			REMOVED		Reason	
			Date	Engine Total Time	TSO This Item	Date	Engine Total Time		TSO This Item
BLEED VALVE	23005366	FF40496	24SEP01	9928.9	479.1	17MAR02	10317.4	867.6	W/ENG CAC-8902388 *
GOVERNOR	23070101	21052	25SEP01	9928.9	0.0	17MAR02	10317.4	388.5	W/ENG CAC-8902388 *
FUEL Nozzle	6899001	AG62556	18OCT01	10006.6	0.0	17MAR02	10317.4	310.8	W/ENG CAC-8902388 * W/ENG CAC-8902388
TURBINE	23035128	CAT-97521	12NOV01	10051.5	0.0	17MAR02	10317.4	265.9	W/ENG CAC-8902388 * OIL LEAK SUSPECTED
FUEL CONTROL	23065147	325447	29NOV01	10116.6	1455.7	17MAR02	10317.4	1656.5	W/ENG CAC-8902388 *
Compressor	23051643	CAC-90641	12AUG02	7781.5	8701.5	15FEB03	9611.1	8998.1	W/ENG CAC-8902388 ✓
Gearbox	23005366	CAC-90366	12AUG02	7781.5	5336.9	15FEB03	9611.1	5633.5	W/ENG CAC-8902388 ✓
Turbine	23035128	CAT-97521	23AUG02	7781.5	265.9	15FEB03	9611.1	562.5	W/ENG CAC-8902388 ✓
Fuel Nozzle	6899001	WR03692	23AUG02	7781.5	568.2	15FEB03	9611.1	504.8	W/ENG CAC-8902388 ✓
FUEL CONTROL	23065147	334543	23AUG02	9314.5	529.9	15FEB03	9611.1	826.5	W/ENG CAC-8902388 ✓
GOVERNOR	252469211	BR35649	23AUG02	9314.5	1792.0	27NOV02	9442.7	1920.2	for convenience
FUEL PUMP	6896510	T0123	23AUG02	9314.5	1829.2	15FEB03	9611.1	7175.8	W/ENG CAC-8902388 ✓
BLEED VALVE	23005366	FF40236	23AUG02	9314.5	1312.6	15FEB03	9611.1	1609.2	W/ENG CAC-8902388 ✓ W/ENG CAC-8902388

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# ASSEMBLY RECORD

## ENGINE ASSEMBLY

2785A(11-77)

Engine Serial Number CAE-890238

Engine Model 250-C30S

Nomenclature	Part Number	Serial Number	INSTALLED			REMOVED			Reason
			Date	Engine Total A/F Time	TSO This Item	Date	Engine Total A/F Time	TSO This Item	
<del>GOVERNOR</del>	2524692-11	24709	27 Nov 02	9442.7	993.6	15 FEB 03	9611.1	1162.0	W/ENG CAE-890238
GEARBOX	23068586	90366	16 FEB 03	11481.0	N/P	05 AUG 04	A/F 12471.3 ENG 9068.4	N/P	W/ENG CAE-890238
COMPRESSOR	23051643	90641	16 FEB 03	11481.0	8998.1	05 AUG 04	A/F 12471.3 ENG 9068.4	9988.4	W/ENG CAE-890238
TURBINE	23035128	97521	16 FEB 03	11481.0	562.5	05 AUG 04	A/F 12471.3 ENG 9068.4	1552.2	W/ENG CAE-890238
FUEL CONTROL	23065147	329543	16 FEB 03	11481.0	826.5	05 AUG 04	A/F 12471.3 ENG 9068.4	1816.8	W/ENG CAE-890238
GOVERNOR	2524692-11	24709	16 FEB 03	11481.0	1162.0	16 MAY 04	12308.5	1989.5	Due FOR O/L ENG 2940
FUEL PUMP	6896810	T0183	16 FEB 03	11481.0	2125.8	05 AUG 04	A/F 12471.3 ENG 9068.4	3116.1	W/ENG CAE-890238
FUEL NO 2 ZU	6899001	NR03692	16 FEB 03	11481.0	2264.8	23 MAY 03	11722.3	1106.1	CAUSING HULL FRITS
BLEED VALVE	23005366	FF46971	16 FEB 03	11481.0	1311.2	05 MAY 03	11668.1	1498.3	Due FOR O/L
BLEED VALVE	23005366	FF30267	05 MAY 03	11668.1	0.0	05 AUG 04	A/F 12471.3 ENG 9068.4	803.2	W/ENG CAE-890238
FUEL NOZZLE	6899001	AG52082	23 MAY 03	11722.3	0.0	21 OCT 03	11985.1	262.2	AS PER CDB A-77-318
FUEL NO 2 ZLE	23077067	1NR03692	21 OCT 03	11985.1	0.0	05 AUG 04	A/F 12471.3 ENG 9068.4	486.2	W/ENG CAE-890238

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# ASSEMBLY RECORD ENGINE ASSEMBLY

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Engine Serial Number CAC 8902385 Engine Model 250C305

Nomenclature	Part Number	Serial Number	INSTALLED			REMOVED			Reason
			Date	Engine Total Hr/Time	TSO This Item	Date	Engine Total Hr/Time	TSO This Item	
GOVERNOR	2524692-11	27932	16 MAY 04	12308.5	0-0	05 AUG 04	MP 12471.3 ENG 9068.4	162.8	W/ENG CITE 8902385
COMPRESSOR	23051643	CAC 40641	30 JAN 05 JAN 27/05	MP 21808.2 ENG 9068.4	9988.4	29 MAR 05	MP 21912.3 ENG 9172.3	10092.3	W/ENG
SEAR BOX	23035179	CAC 90160	30 MAR 05 JAN 27/05	MP 21808.2 ENG 9068.4	2480.1	29 MAR 05	MP 21912.3 ENG 9172.3	2584.2	W/ENGINE
TURBINE	23035129	ENT 90192	30 JAN 05 JAN 27/05	MP 21808.2 ENG 9068.4	763.7	29 MAR 05	MP 21912.3 ENG 9172.3	867.8	W/ENGINE + SENT OUT FOR REPAIRS
BLEED VALVE	23005306	FF 30267	30 JAN 05 JAN 27/05	MP 21808.2 ENG 9068.4	803.7	29 MAR 05	MP 21912.3 ENG 9172.3	907.1	W/ENGINE
FUEL NOZZLE	23077067	WPC369	30 JAN 05 JAN 27/05	MP 21808.2 ENG 9068.4	0-0	29 MAR 05	MP 21912.3 ENG 9172.3	104.1	W/ENGINE
FUEL PUMP	6596810	TCC0109	Jan 26/05	ENG 9068.4	1672.1	Jan 26/05	ENG 9068.4	1672.1	STALLING
FUEL CONTROL	23070613	330974	Jan 26/05	ENG 9068.4	119.6	Jan 26/05	ENG 9068.4	119.6	STALLING
J.T. GOVERNOR	2524692-11 23070101	30440	30 JAN 05 JAN 27/05	MP 21808.2 ENG 9068.4	1253.2	16 FEB 05	MP 21815.6 ENG 9078.6	1263.6	FLY WEIGHTS STALLING
FUEL PUMP	6596810	TCC70	30 JAN 05 JAN 27/05	MP 21808.2 ENG 9068.4	2681.2	29 MAR 05	MP 21912.3 ENG 9172.3	2785.3	W/ENGINE
FUEL CONTROL	2549692-6 23070613	335257	30 JAN 05 JAN 27/05	MP 21808.2 ENG 9068.4	715.9	29 MAR 05	MP 21912.3 ENG 9172.3	820.0	W/ENGINE
GOVERNOR	2524692-11	28929	16 FEB 05	ENG 9078.6	1521.2	29 MAR 05	MP 21912.3 ENG 9172.3	1614.9	W/ENGINE

# Assembly Record Engine Assembly



Part V  
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Engine Serial Number CAE-890238 Engine Model 250-0303

Nomenclature	Part Number	Serial Number	Installed		Removed		Reason
			Date	TT	Date	TT	
				TSO		TSO	
COMPRESSOR	23051643	CAE-90641	A/F 8286.3 16 APR 05	9172.3 10092.3	A/F 8711.0 31 AUG 05	9597.0 10517.0	w/ENG
GEARBOX	23035179	CAE-90160	A/F 8286.3 16 APR 05	9172.3 2584.2	A/F 8711.0 31 AUG 05	9597.0 3002.9	w/ENG
TURBINE	23035128	CAE-90193	A/F 8286.3 16 APR 05	9172.3 867.8	A/F 8711.0 31 AUG 05	9597.0 1292.5	TK-200 W w/ENG
FUEL CONTROL	2549092-6	335257	A/F 8286.3 16 APR 05	9172.3 820.0	A/F 8711.0 31 AUG 05	9597.0 1244.7	w/ENG
GOVERNOR	2524692-11	28929	A/F 8286.3 16 APR 05	9172.3 1615.0	A/F 8664.4 09 AUG 05	9550.4 1993.1	DUE FOR O/H
FUEL PUMP	6896810	FUG70	A/F 8286.3 16 APR 05	9172.3 2785.3	A/F 8711.0 31 AUG 05	9597.0 3210.0	w/ENG
FUEL NOZZLE	23077067	INR03692	A/F 8286.3 16 APR 05	9172.3 104.1	A/F 8711.0 31 AUG 05	9597.0 528.8	w/ENG
BLIND VALVE	23005366	FF30267	A/F 8286.3 16 APR 05	9172.3 907.1	A/F 8711.0 31 AUG 05	9597.0 1331.8	w/ENG
GOVERNOR 12	23076063	BR44456	A/F 8664.4 09 AUG 05	9550.4 0.0	A/F 8711.0 31 AUG 05	9597.0 46.6	w/ENG
COMPRESSOR	23051643	CAE-90641	A/F 7906.9 15 NOV 05	9597.0 10517.0	A/F 8573.0 24 JAN 07	10261.1 1715.8	W/H ENG-

# Assembly Record Engine Assembly



Part V  
Page No. 14

Engine Serial Number CAE-8702385

Engine Model 250-0305

Nomenclature	Part Number	Serial Number	Installed		Removed		Reason
			Date	Eng TT	Date	TT	
				Item TSO		TSO	
GEARBOX	23005179	CAG90160	AF 7902.9 15 NOV 05 04 NOV. 05	9597.0 3008.9	AF 8573.0 24 JAN 07	10261.1 3273.0	With ENG
TURBINE	23035128	CAT-90193	AF 7902.9 15 NOV 05 04 NOV. 05	9597.0 1292.5	AF 8573.0 24 JAN 07	10261.1 1956.6	With ENG
BLEED VALVE	23073353	FF30267	AF 7902.9 15 NOV 05 04 NOV. 05	9597.0 0.0	AF 8573.0 24 JAN 07	10261.1 664.1	With ENG
FUEL NOZZLE	23077067	1NR03692	AF 7902.9 15 NOV 05 04 NOV. 05	9597.0 0.0	AF 8299.3 23 JUN 06	9987.4 390.4	WORN @ TH REPAIR
FUEL CONTROL	159092-6 23070613	332717	AF 7902.9 15 NOV 05 04 NOV. 05	9597.0 802.8	AF 8573.0 24 JAN 07	10261.1 1466.9	With ENG
GOVERNOR	2524692-11 23070106	BR37933	AF 7902.9 15 NOV 05 04 NOV. 05	9597.0 1602.8	AF 8299.3 21 JUN 06	9987.4 1993.2	Out For O/H
FUEL PUMP	6896810	T300179	AF 7902.9 15 NOV 05 04 NOV. 05	9597.0 725.9	AF 8573.0 24 JAN 07	10261.1 1390.0	With ENG
COMBUSTION LINER	23066675	24336	AF 7902.9 15 NOV 05 04 NOV. 05	9597.0 N/A 0.0	AF 8299.3 23 JUN 06	9987.4 390.4	WORN
FUEL NOZZLE	23077067	1XR05447	AF 8299.3 23 JUN 06	9987.4 171.8	AF 8573.0 24 JAN 07	10261.1 7445.5	With ENG
PT GOVERNOR	2524692-11	23277	AF 8299.3 23 JUN 06	9987.4 0.0	AF 8573.0 24 JAN 07	10261.1 273.7	With ENG

2785A(11-77)

# ASSEMBLY RECORD ENGINE ASSEMBLY

Part V  
Page No. 15

Engine Serial Number CAE-8902388

Engine Model 250C305

Nomenclature	Part Number	Serial Number	INSTALLED			REMOVED			Reason
			Date	Engine Total Time	TSO This Item	Date	Engine Total Time	TSO This Item	
COMBUSTION LINER	23066675	22993A	23 JUN 06	AF 8299.3 9987.4	0-0	AF 8573.0 24 JAN 07	10261.1	273.7	WITH ENG.
COMPRESSOR	23051643	CAC 90641	08 JUN 07			17 JUL 08	10799.3	11719.3	with eng
GEARBOX	23035179	CAG 90160	08 JUN 07			17 JUL 08	10799.3	4211.2	with eng
TURBINE	23035128	CAT 90252	08 JUN 07			17 JUL 08	10799.3	1320.0	with eng
GOVERNOR	23070101	23277	19 FEB 07	10261.1	273.7	12 JUL 10	11987.6	2000.2	with eng *TOL. APPLIED DUE FOR O/H
FUEL CONTROL	23070613	332717	08 JUN 07			17 JUL 08	10799.3	2005.1	O/H
FUEL PUMP	6896810	T 300179	19 FEB 07	10261.1	1390.0	05 JUL 08	10799.3	1928.2	SNAG
FUEL NOZZLE	23077067	12R 05447	19 FEB 07	10261.1	448.5	17 JUL 08	10799.3	983.7	REPAIR
BLEED VALVE	23073353	FF 30267	08 JUN 07			17 JUL 08	10799.3	1202.3	REPAIR
COMBUSTION LINER	23066675	246666 CAC	19 FEB 07	10261.1	0.0	17 JUL 08	10799.3	538.2	CRACKS
COMPRESSOR	23051643	90520	23 AUG 08	10799.3	NEW	20 AUG 09	11458.5	NEW	w/eng.
GEARBOX	23035179	CAG 90117	23 AUG 08	10799.3	11548.2	20 AUG 09	11458.5	12207.4	w/eng.



# ASSEMBLY RECORD

## ENGINE ASSEMBLY

Engine Serial Number CAE8902385

Engine Model C305

Nomenclature	Part Number	Serial Number	INSTALLED			REMOVED			Reason
			Date	Engine Total Time	TSO This Item	Date	Engine Total Time	TSO This Item	
TURBINE	23035128	CAT 90252	23 AUG 08	10799.3	1320.0	20 AUG 09	11458.5	1979.2	w/ENG
FUEL CONTROL	23070613	336843	23 AUG 08	10799.3	0.0	22 SEP 09	11458.5	659.2	CONVICT
FUEL PUMP	6896810	T0566 <del>25 JUL 08</del>	<del>23 AUG 08</del>	10799.3	0.0				
FUEL NOZZLE COMBUSTION LINE	23077067	1XR 05447	23 AUG 08	10799.3	983.7	20 AUG 09	11458.5	1642.9	w/ENG
	23066675	24666	23 AUG 08	10799.3	0.0	20 AUG 09	11458.5	659.2	w/ENG
Bleed Valve	23073353	FF30267	23 AUG 08	10799.3	1202.3	29 JAN 09	11081.9	1484.9	TIMEX
Bleed Valve	23073353	FF40379	29 JAN 09	11081.9	0.0	7 OCT 09	11458.5	376.6	FAILED TEST
COMPRESSOR	23051643	CAC-90229	7 OCT 09	11458.5	4630.5				
GEARBOX	23035179	CAG-90406	7 OCT 09	11458.5	9921.1				
TURBINE	23035128	CAT-90339	7 OCT 09	11458.5	1424.3	18 MAR 2011	12540.0	2505.8 <del>1603.4</del>	CRACKED 1st stage nozzle
FUEL CONTROL	23070613	DR 55030	7 OCT 09	11458.5	0.0	22 APR 2011	12616.3	1157.5	# 2 stage nozzle painting IN HOUR (PUR CHANGES)
FUEL NOZZLE	23077067	1XR 05447	7 OCT 09	11458.5	1642.9	26 MAR 2010	11747.4	1931.8	Due for OH

# Assembly Record Engine Assembly



Part V  
Page No. 17

Engine Serial Number CAE- 89023E Engine Model 250- 0305

Nomenclature	Part Number	Serial Number	Installed		Removed		Reason
			Date	ENG TT ITEM TSO	Date	ENG TT ITEM TSO	
INJECTION LINER	23066675	SL13490A	7 OCT 09	11458.5 NEW	04 Aug 10	12022.3 563.8	WORN
INJECTION VALVE	23073353	FF40379	9 OCT 09	11458.5 376.6	15 Aug 2011	12540 1458.1	Timely
INJECTION NOZZLE	23077067	AG81877	26 MAR 2010	11747.4 0.0	03 AUG 2010	18022.3 274.9	Transfer
GOVERNOR	23070106	BR36013	12 JUL 10	11987.6 1406.8	18 AUG 2011	12540.0 1959.2	Timely
EXHAUSTION LINER	23066675	SL13444A	04 Aug 2010	12022.3 0.0	18 Aug 2011	12540.0 57.7	WORN
INJECTION NOZZLE	23077067	2TH04590	04 Aug 2010	12022.3 81.1	9 Dec 2010	12540.0 19754.3	SNAG
INJECTION NOZZLE	23077067	10603903	9 Dec 2010	12284.1 12540.0	09 AUG 2012	12772.0 488.0	WORN
INJECTION VALVE	23073353	FF43738	15 Aug 2011	12540.0 0.0	07 AUG 2012	12772.0 232.0	WORN
INJECTION LINER	23066675	SL13474A	18 AUG 2011	12540.0 0.0	09 AUG 2012	12772.0 232.0	WORN
INJECTION ASSEMBLY	23035128	MTF-95498	18 AUG 2011	12540.0 0.0			



# SERVICE RECORD COMPRESSOR ASSEMBLY

Part I  
Page No. 2

FORM 2782 B

Compressor Serial Number CAC-90329

Engine Model 250-C30S

*PH 23051643*

INSTALLED					REMOVED			
Date	Owner	A/C or Eng. S/N	Compressor Time		Date	Compressor Time		Reason
			Since OH	Total		Since OH	Total	
4/06/92	MOUNTAIN	CAE 895403	3459.0	7043.1	16/07/92	3578.7	7162.8	OFF RENTAL
6 MAR 93	GIMA	8903015	3578.7	7162.8	03 MAR 93	4477.6	8061.7	With engine
7 SEPT 98	AIF 11809.4 CHE - CGIMT	<del>8903015</del>	4477.6	8061.7	AIF 13391.6 10 JUN 01	6659.8	9643.9	WITH ENG (76-890301)
30 OCT 2001	CHE AIF 4902.1 C-GIMW #2	8903015	0.0	9643.9	AIF 6015.2 08 MAR 03	1113.7	10757.6	w/eng CAE 8903015
10 JUL 03	AIF 9752.2 #2	CHE			AIF 9925.4			POB
21 MAR 03	CHL CGIMA	8903015	1113.7	10757.6	11 DEC 03	1227.4	10931.3	w/eng CAE 8903015
13 MAR 04	AIF 12166.7 #1				AIF 13059.5			
23 MAR 03	CHL CGIMY	CAE 890301	1227.4	10931.3	16 JUL 05	2180.2	11824.1	W/ENG CAE 8903015
21 OCT 05	AIF 13572.4 #2	760110						
18 OCT 05	CHL CGIMW	CHE 8903015	2180.2	11824.1	30 AUG 07	3206.2	12250.1	with engine
17 NOV 07	CHL GIMA	AIF 8903015	3206.2	12250.1	21 JUL 09	4630.5	14274.4	w/eng. CAE 890301
7 OCT 09	CHL	CAE 890238	4630.5	14274.4				

# SERVICE RECORD COMPRESSOR ASSEMBLY

Part 1  
Page No. 1

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

Compressor Serial Number CAC - 90329

Engine Model 250-c30S

INSTALLED					REMOVED			
Date	Owner	A/C or Eng. S/N	Compressor Time		Date	Compressor Time		Reason
			Since OH	Total		Since OH	Total	
7-27-80	Aerotecnica	890324	NEW	0.0	29-05-83	NP	2103.6	
30/08/83	Okanagan	890324	NP	2103.6	11 JUN 85	NP	3584.1	
15/5/85	OKAN GIMQ	890324S	0.0	3584.1	23 SEP '85	327.4 <del>227.1</del>	3921.7 <del>3922.2</del>	
7 NOV '85	OKAN GIML	890324S	338.1	3922.2	30 NOV 85	383.1 <del>383.6</del>	3967.2	
19 FEB '86	OKAN GIMQ	890324S	383.6	3967.7	22 FEB '86	393.9 <del>394.4</del>	3978.0 <del>3978.5</del>	
28 FEB '86	OKAN GIML	890210S	394.4	3978.5	12 JUL '86	650.7	4234.8	
24 JUL '86	OKAN GIMQ	890210S	650.7	4234.8	4 JUL '87	1490.8	5074.9	
21 JAN '88	OKAN GIME	890203S	1490.8	5074.9	15 JAN '88	1513.7	5097.8	
10 17 '89	OKAN GIMV	890203S	1513.7	5097.8	16/06/89	1945.4	5529.5	
25-11-89	OKAN GIMM MF6018.3	890203S	1945.4	5529.5	17/04/91	3413.9	6998.0	WITH ENGINE
31-08-91	HSM	890203	3413.9	6998.0	14-10-91	3469.0	7043.1	WITH ENGINE CORNER 16
31-8-91	HSM	890203	3413.9	6998.0	14-10-91	3459.0	7043.1	
		890203	3469.0	7043.1	16 JUL 92	3578.7	7162.8	SEE PAGE 2



# MODIFICATION RECORD COMPRESSOR ASSEMBLY

FORM 2783B-1 (4-79)

Compressor Serial Number CAC - 90329

Engine Model 250-C30S

Compliance Date	Bulletin or Directive No.	Title	Signature	Organization
AUG 29 1983	CEB 72-3042 72-3046	Modification Incorporated		
AUG 29 1983	72-3059 72-3085	(on)		
AUG 29 1983	72-3093 72-3100	Ok'd w/o EVO3694		OKATI. HELI.
09 MAY 1985	CEB 72-3078	Replace rear support & diff. Assy index pin		ONL
"	CSLA 3066	N. Shafting Insp		ONL
28 AUG 1987	AD83-22-03	INSP TURB SHAFTING RPLC S.A.G. O-RING FIE EV25154		ONL OKI 102 E.S.
28 AUG 1987	AD85-25-08	COMP. MOUNT RPLC FIE EV25154		4
28 AUG 1987	AD84-24-54 ✓	ENGINE MOOS		4
28 AUG 1987	AD86-19-12	INSP COMP. ROTOR & SPUNNED ADAPT N1 SHAFTING INSP		4 4
28 AUG 1987	CEB 72-3001	NO 1 BRG SUPPORT INDEX FIE EV25154		4
28 AUG 1987	CEB 72-3066	FLIGHT APPROVED COVERS FIE EV25154		4 OKI 102 E.S.

# MODIFICATION RECORD COMPRESSOR ASSEMBLY

FORM 2783B-1(4-79)

Compressor Serial Number CAC - 90329 Engine Model 250-C30S

Compliance Date	Bulletin or Directive No.	Title	Signature	Organization
28 AUG 1987	CEB72-3070	REAR LAB SEAL INSP FIE E125154	<i>[Signature]</i>	OKH 102 ES. OHL
28 AUG 1987	CEB72-3108	INSP TURB SHAFTING & RPLC S.A.G O-RING FIE E125154	<i>[Signature]</i>	
28 AUG 1987	CEBA-72-3143	INSP TURB. SHAFTING & RPLC S.A.G O-RING		
28 AUG 1987	CSL3042	MAINT. PROC. SPUR ADAPT GEARSHAFT O-RING & TURB. MAINT.		
28 AUG 1987	CSL A-3062	INSP. COMP. ROTOR & SPLINED ADAPT	<i>[Signature]</i>	OKH 102 ES. OHL
28 AUG 1987	CSL A-3066	NI SHAFTING INSP	<i>[Signature]</i>	9-58 14 409 CHL
9 NOV '89	CEB72-3004, -3005, 3014, 3030, 3052, 3057-3081, 3091	FIE	<i>[Signature]</i>	
9 NOV '89	CEBA-72-3134	FIE		
9 NOV '89	CEB 72-3176	HOT DAY ENHANCEMENT KIT. EMB.		
9 NOV '89	CSL-3042	MAINT. PROCEDURES SPUR ADAPTER, GEAR-SHAFT O-RING & TURB MAINT. EMB		
9 NOV '89	CSL-A-3002	INSP. COMP. ROTOR & SPLINED ADAPTER. EMB	<i>[Signature]</i>	9-58 14 409
9 NOV '89	CSL-A-3066	NI-SHAFTING INSP. EMB.	<i>[Signature]</i>	4



# MODIFICATION RECORD COMPRESSOR ASSEMBLY

Compressor Serial Number CAC-90329

Engine Model 250-C30S


Compliance Date	Bulletin or Directive No.	Title	Signature	Organization
27/6/91	AD86-19-12	Inspect compressor Rotor and Splined Adapter, N1-Shafting Inspection.	<i>[Signature]</i>	9-58 14 470 CHK
27/6/91	CSL A-3062R1	Inspection of compressor rotor and splined adapter.	<i>[Signature]</i>	9-58 14 470
27/6/91	CSL A-3066 R1	N1-Shafting Inspection.	<i>[Signature]</i>	9-56 14 470 CHK
3 Nov. 1992	CEB 72-3093 R4	Shroud housing-aluminum graphite coating.	<i>[Signature]</i>	CANADIAN
3 Nov. 1992	CSL A-3062 R1	Inspection of compressor rotor and splined adapter.	<i>[Signature]</i>	GAS
3 Nov. 1992	CSL A-3066 R1	N1-shafting inspection.	<i>[Signature]</i>	TURBINES
8 July 1998	CFB 72-3200 R3	Rework of compressor front shroud housing - increased inducer bleed slot & new contour, C/W.	<i>[Signature]</i>	Acro Aerospace I
8 July 1998	CSL A-3062 R6	Inspection of compressor rotor and splined adapter. C/W.	<i>[Signature]</i>	Acro Aerospace I
8 July 1998	CSL A-3066 R5	N1 - shafting inspection. C/W.	<i>[Signature]</i>	Acro Aerospace I
8 July 1998	CSL 3068 R2	Allison Assured Engine - C/W.	<i>[Signature]</i>	Acro Aerospace I

231-01  
SCA  
7-18

# MODIFICATION RECORD

## COMPRESSOR ASSEMBLY

FORM 2783 B (BACK)

Compliance Date	Bulletin or Directive No.	Title	Signature	Organization
5 Oct. 2001	CEB 72-3158 R4	Install No.5 bearing labyrinth seal.		ACRO AEROSPACE INC.
5 Oct. 2001	CEB 72-3224 R1	New shroud coating.		
5 Oct. 2001	CSL 3016 R6	Model 250 reporting.		
5 Oct. 2001	CSL A-3062 R6	Inspect comp.rotor & splined adapter.		
5 Oct. 2001	CSL A-3066 R5	M1 shafting inspection.		
5 Oct. 2001	CSL 3068 R2	Rolls-Royce Allison assured engines.		
5 Oct. 2001	CEB A-72-3247 R1	N/A to part number.		
June 27, 2003	CSL A-3062 R6	Inspect Compressor Rotor Splined Adapter	SAL 501 Q.I.	SAL-AMO-22-58
June 27, 2003	CSL A-3066 R5	N1 shafting inspection	SAL 501 Q.I.	SAL-AMO-22-58
Jun 28, 2004	CSL A-3066 R5	N1 shafting inspection	SAL 501 Q.I.	SAL-AMO-22-58
OCT 19 2005	CSL A-3062 R6	INSPECT COMP. ROTOR SPLINED ADAPTER	SAL 661 Q.I.	SAL-AMO-22-58
OCT 19 2005	CSL A-3066 R5	N1 SHAFTING INSPECTION	SAL 661 Q.I.	SAL-AMO-22-58
OCT 19 2005	CEB 72-3228 R1	REMOVAL OF COMPRESSOR VENT GASKETS	SAL 661 Q.I.	SAL-AMO-22-58
OCT 19 2005	CEB A-72-3108 R3	TURB. SHAFTING - INSP.	SAL 661 Q.I.	SAL-AMO-22-58
NOV 20 2007	CSL A-3062 R6	INSP. COMP. ROTOR SPLINED ADAPTER	SAL 661 Q.I.	SAL-AMO-22-58

201-91  
82A  
T-15

# Ad Note Compliance and Ceb Modification Record Compressor Assembly

 Compressor Serial Number CAC- 90329

 Engine Model 250- 0305

AD #	Applicable CEB #	Date	Method of Compliance	One Time	Recurring	Next Comp. Date	Signature and Certificate Number
		Hours @ Comp.				Next Comp. @ Hrs	
<del> </del>	CEB 72-3273R2	20 NOV. 07 12850.1	REAR SUPPORT - INSP. #2 BRG LOCK KEY SHOT RADII	X			SAL 661 Q1 SAL-AMO-22-58
<del> </del>	CSL-A-3066R5	20 NOV. 07 12850.1	N' SHAFTING INSPECTION		X		SAL 661 Q1 SAL-AMO-22-58
<del> </del>	CSL-A-3062R6	23 SEPT. 09 14274.4	INSP. COMP. ROTOR SPINER ADAPTER		X		SAL 1175 Q1 SAL-AMO-22-58
<del> </del>	CEB 72-3250R1	23 SEPT. 09 14274.4	INCREASED THICKNESS COMP. SCROLL.	X			SAL 1175 Q1 SAL-AMO-22-58
<del> </del>	CEB 72-3764	23 SEPT. 09 14274.4	NEW COMP. ROTOR ASSY	X			SAL 1175 Q1 SAL-AMO-22-58

# INSPECTION — MAINTENANCE — OVERHAUL RECORD

## COMPRESSOR ASSEMBLY

FORM 2784B-1(4-79)

Compressor Serial Number CAC - 90329 Engine Model 250- c30S

Date	Compressor Time		Remarks	Signature	Organization
	Since OH	Total			
AUG 29 1983	NP	2103.6	Repaired on Okan w/ EV103694	<i>[Signature]</i>	OKAN. HELI
30/08/83	NP	2103.6	Installed on 890324 Okan w/ EV103693	<i>[Signature]</i>	OKAN. HELI.
09 MAY 1985	0.0	3584.1	Overhauled 1AW14W3 w/ EV05108	<i>[Signature]</i>	CHL
28 AUG 1987	1490.8	5074.9	REPAIRED 1AW14W3 ON EV 25154	<i>[Signature]</i>	CHL
	1513.7	5097.8	REPAIRED REAR 1.A.W. 14W3 ON EV 25600	<i>[Signature]</i>	CHL
9/Nov/89	1945.4	5529.5	inspected and modified to PIN	<i>[Signature]</i>	CHL
			23033193 1.a.w 14W3 on CHL	<i>[Signature]</i>	CHL
			w/0 EV 26044. Re-installed engine	<i>[Signature]</i>	CHL
			SIN CAE 8902035	<i>[Signature]</i>	CHL
27/6/91	3413.9	6998.0	Compressor Assembly repaired in accordance with 14W3 manual on	<i>[Signature]</i>	CHL
			CHL W/0 SC27620.	<i>[Signature]</i>	CHL

# INSPECTION — MAINTENANCE — OVERHAUL RECORD

## COMPRESSOR ASSEMBLY

FORM 2784B-1(4-79)

Compressor Serial Number CAC - 90329

Engine Model 250-C30S

Date	Compressor Time		Remarks	Signature	Organization
	Since OH	Total			
27 July 92	3578.7	7162.8	POST RENTAL INSPECTION PERFORMED ON CANADIAN GAS TURBINES w/o 92-1963	<i>[Signature]</i>	CANADIAN GAS TURBINES 146-91
3 Nov. 1992	3578.7	7162.8	Compressor assembly repaired, 1500 hour and csn: 8962 3500 hour inspection carried out. All work done IAW 14W3 manual on CGT W/O 92-04254.	<i>[Signature]</i>	CANADIAN GAS TURBINES
8 July 98	4477.6	8061.7	Compressor repaired I.A.W. 14W3 Manual csn 10469 2000 Hour inspection carried out I.A.W 14W2 Manual on Acro Aerospace Inc. W/O #98-62068.	<i>[Signature]</i>	ACRO AEROSPACE INC.
5 Oct. 2001	0.0	9643.9	Compressor overhauled IAW 14W3 manual on CSO: 0 csn:13447 ACRO Aerospace Inc. W/O# 21-8288.	<i>[Signature]</i>	ACRO AEROSPACE INC.



# INSPECTION - MAINTENANCE - OVERHAUL RECORD COMPRESSOR ASSEMBLY



F-2784C (5/95)

Part IV  
Page No. 3

Compressor Serial Number CAC-90329 Engine Model 250-C30S

Date	Compressor Time		Remarks	Signature and Certificate No.	Organization
	Since OH	Total			
June 27/03	1113.7	10252.6	<div style="display: flex; justify-content: space-between;"> <div style="text-align: center;">   <a href="http://www.standardaero.com">www.standardaero.com</a> </div> <div style="text-align: center;"> <p>33 Allen Dyne Road Winnipeg, Manitoba Canada R3H 1A1 Phone: 204-788-2693</p> </div> </div> <p style="font-size: small; margin-top: 10px;">Compressor Assembly has been repaired in accordance with Rolls Royce 250-C30 Overhaul Manual 14W3 2<sup>nd</sup> Edition 8<sup>th</sup> Rev. Dated November 1, 2001, and the current maintenance rules of the Canadian Aviation Regulations. 2000 Hour Spline inspection has been performed in accordance with CSL - A - 3062 6<sup>th</sup> Rev. dated October 31, 1997. The compressor is released serviceable for return to service in compliance with CAR 571, FAR Part 43.17 and JAR 145 (reference JAA Acceptance Certificate JAA.7059). All mandatory modifications and Airworthiness Directives were complied with. All pertinent details of work performed are on file at this organization under Work Order LW443281.</p>		
	05013001	CSM 16448			

SAL-AMO-22-58



*[Handwritten Signature]*  
DIA NE ZORNIAK



F-2784C (5/95)

# INSPECTION - MAINTENANCE - OVERHAUL RECORD COMPRESSOR ASSEMBLY



Part IV  
Page No. 4

Compressor Serial Number CAC- 90329

Engine Model 250- C305

Date	Compressor Time		Remarks	Signature and Certificate No.	Organization
	Since OH	Total			
June 27/03	1113.7	10752.6	<p><b>STANDARD AERO</b> www.standardaero.com</p> <p>33 Allen Dyne Road Winnipeg, Manitoba Canada R3H 1A1 Phone: 204-788-2693</p> <p>Compressor has been installed onto engine S/N CAE 890301 and tested in accordance with Rolls Royce 250-C30 Overhaul Manual 14W3 2<sup>nd</sup> Edition 8<sup>th</sup> Rev. Dated November 1, 2001 and the current maintenance rules of the Canadian Aviation Regulations. <b>The compressor is approved for return to service subject to satisfactory functional test results following installation on the airframe.</b> The work performed is approved in compliance in compliance with CAR 571, FAR Part 43.17 and JAR 145 (reference JAA Acceptance Certificate JAA.7059). All mandatory modifications and Airworthiness Directives were complied with. All pertinent details of work performed are on file at this organization under Work Order LW443278.</p>		
	C501 3001	CSN: 16448			

SAL-AMO-22-58

*ASOM*

SAL 501 QI

DUANE ZORNIAK

# Inspection - Maintenance - Overhaul Record Compressor Assembly




**Rolls-Royce**

Part IV  
Page No. 5

Compressor Serial Number CAC-90329

Engine Model 250-C30S

Date	Compressor Time		Remarks	Signature and Certificate No.	Organization
	Since OH	Total			
1028/04	1287.4	10931.3	<p style="text-align: center;"><b>STANDARD AERO</b> www.standardaero.com</p> <p>33 Allen Dyne Road Winnipeg, Manitoba Canada R3H 1A1 Phone: 204-788-2693</p> <p>Compressor has been repaired for FOD and tested in accordance with Rolls-Royce Model 250-C30 Overhaul Manual 14W3 2<sup>nd</sup> Ed., 9<sup>th</sup> Rev., dated March 1, 2003, and the current maintenance rules of the Canadian Aviation Regulations. The following major parts were replaced: Diffuser Vane, and Rear Compressor Mount. The compressor is released as repaired subject to a successful check run and power assurance check in the airframe. The work performed 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 pertinent details of the work performed are on file at this organization under Work Order No. LW468730.</p>		<p>SAL-AMO-22-58</p>  <p>DUBANE ZORNIAK</p>
	CSO: 3349	CSN: 16796			





# Inspection - Maintenance - Overhaul Record Compressor Assembly




**Rolls-Royce**

Part IV  
Page No. 7

Compressor Serial Number CAC- 90329

Engine Model 250- c305

Date	Compressor Time		Remarks	Signature and Certificate No.	Organization
	Since OH	Total			
01 NOV. 07	3206.2	12850.1	<div style="text-align: center;">  <p>33 Allen Dyne Road Winnipeg, Manitoba Canada R3H 1A1 Phone: 204-788-2693 www.standardaero.com</p> </div> <p>Compressor Assembly p/n 23051643 s/n CAC90329 has been repaired for low power (a custom contour was applied to the shroud housing) &amp; has had a 2000 hr spline inspection performed iaw CSL-A-3062R6 &amp; CSL-A-3066R5 in accordance with Rolls Royce 250-C30 Overhaul Manual 14W3 2<sup>nd</sup> Ed. 13<sup>th</sup> Rev. Dated 01/04/07. The following major part was replaced: Spur Adapter Gearshaft. <b>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.</b> All pertinent details of work performed are on file at this organization under Work Order LW676933.</p>		
	650.7416	20863			

SAL  
661  
01

SAL-AMO-22-08  
Rebecca  
Perault

REBECCA  
PERHAULT



# Inspection - Maintenance - Overhaul Record Compressor Assembly



Part IV  
Page No. 9

Compressor Serial Number CAC- 90329 Engine Model 250- C30S

Date	Compressor Time		Remarks	Signature and Certificate No.	Organization
	Since OH	Total			
23 2001	4630.5 <small>CSO: 10313</small>	14274.4 <small>CSN: 23760</small>	<b>StandardAero</b> <a href="http://www.standardaero.com">www.standardaero.com</a>  33 Allen Dyne Road Winnipeg, Manitoba Canada R3H 1A1 Phone: 204-788-2693  Compressor Assembly p/n 23051643 s/n CAC-90329 has been repaired to correct low power (a standard contour was applied to the shroud housing) (a 2000 hr spline inspection performed iaw CSL-A-3062R6 and Maintenance Manual 14W2 6 <sup>th</sup> Ed. 15 <sup>th</sup> Rev. Dated 15/NOV/08) in accordance with Rolls Royce 250-C30 Overhaul Manual 14W3 2 <sup>nd</sup> Ed. 15 <sup>th</sup> Rev. Dated 01/APR/09. The following major parts were replaced: Scroll Assy, Diffuser Assy, Spline Adapter, Impeller, and Spur Adapter Gearshaft. The product is released serviceable for return to service 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 LW741427.	SAL-AMO-22-58 ROGER CERVANTES	




# Inspection - Maintenance - Overhaul Record Compressor Assembly



**Rolls-Royce**

Part IV  
Page No. 10

Compressor Serial Number CAC- 90329 Engine Model 250- C30S

Date	Compressor Time		Remarks	Signature and Certificate No.	Organization
	Since OH	Total			
9 Oct 09	4630.5 CSN: 10313	14274.4 CSN: 23760	 <b>StandardAero</b> www.standardaero.com  33 Allen Dyne Road Winnipeg, Manitoba Canada R3H 1A1 Phone: 204-788-2693  Compressor Assembly p/n 23051643 s/n CAC-90329 has been installed onto engine s/n CAE-890238 & tested in accordance with Rolls Royce 250-C30 Overhaul Manual 14W3 2 <sup>nd</sup> Ed. 15 <sup>th</sup> Rev. Dated 01/04/09. <b>The product is released serviceable for return to service.</b> All pertinent details of work performed are on file at this organization under Work Order LW758715.	  SAL-AMO-22- Rebecca Perrault BERBECCA PERRAULT	
6 May 2011	5532.9 CSO 12260	15176.8 CSN 25707			

FORM 2785B (11-77)

# ASSEMBLY RECORD COMPRESSOR ASSEMBLY

Part V  
Page No. 1

Compressor Serial Number CAC- 90329

Engine Model 250-C30S

Nomenclature	Part Number	Serial Number	INSTALLED			REMOVED			Reason
			Date	Comp. Total Time	This Item TT Cycles	Date	Comp. Total Time	This Item TT Cycles	
Rotor	6898585	15331	7-27-80	0.0	0.0	AUG 29 1983	2103.6	2103.6 2945	Mod:Sy
Impeller	6896890	LP51326	"	0.0	0.0	AUG 29 1983	2103.6	2103.6 2945	Mod:Sy
<i>Rotor</i>	<i>23005279</i>	<i>15331</i>	<i>AUG 29 1983</i>	<i>2103.6</i>	<i>2103.6 2945</i>	<i>29/10/92</i>	<i>7162.8</i>	<i>7162.8</i>	
<i>Impeller</i>	<i>6899245</i>	<i>LP51326</i>	<i>AUG 29 1983</i>	<i>2103.6</i>	<i>2103.6 2945</i>	<i>29/10/92</i>	<i>7162.8</i>	<i>7162.8 8962</i>	<i>Time Ex.</i>
IMPELLER	6899245	LP51446	3/11/92	7162.8	575.0 1387	<i>May 26/03</i>	<i>10757.6</i>	<i>4169.8 8873</i>	
ROTOR	23005279	HST70732	3/11/92	7162.8	575.0 1387	<i>May 26/03</i>	<i>10757.6</i>	<i>4169.8 8873</i>	
<i>Impeller</i>	<i>6899245</i>	<i>LP</i>	<i>June 27/03</i>	<i>16448.04</i>	<i>4169.8</i>	<i>28 JUL 09</i>	<i>14274.4</i>	<i>7686.6</i>	<i>ERODED</i>
<i>Splined Adapter</i>	<i>23005271-1</i>	<i>73858</i>	<i>June 27/03</i>	<i>10757.6</i>	<i>0.0</i>	<i>28 JUL 09</i>	<i>14274.4</i>	<i>3516.8</i>	<i>MODIF-1</i>
<i>Spiral Adapter</i>	<i>230723520</i>	<i>KU500898</i>	<i>June 27/03</i>	<i>10757.6</i>	<i>0.0</i>	<i>18 OCT.</i>	<i>11824.1</i>	<i>1066.5</i>	<i>WORN</i>



# CYCLE RECORD COMPRESSOR ASSEMBLY

Part VI  
Page No. 1

FORM 9387-1(4-79)

(Refer to Life Limiting CSL)

Compressor Serial Number CAC - 90329

Engine Model 250-C30 S

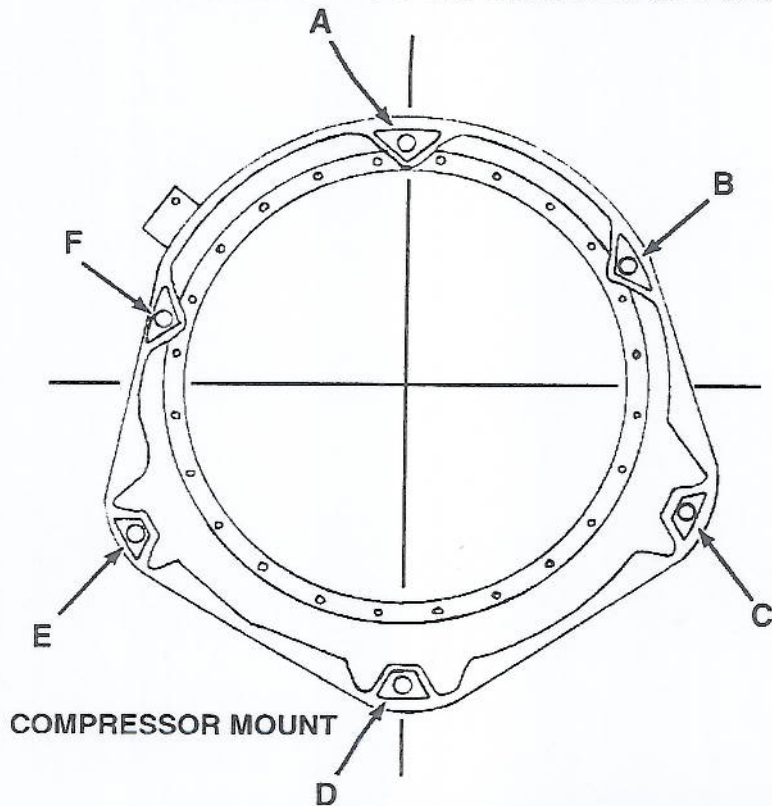
Installed				Do Not Exceed Cycle Counter Reading	Removed		Cycles This Installation
Date	Owner	Eng S/N	Cycle Counter Reading		Date	Cycle Counter Reading	
7-27-80	Aerotecnica	890324	0	15000	29/05/83	2945	2945
30/08/83	Okanagan	890324	2945	15000	14 JUN 83	4293	1348 / CSN 4293
15 MAY 85	OKAN GIMQ	890324	0	10707	28 SEP 85	432	432 / CSN 4725
17 NOV 85	OKAN GIML	890324	432	10707	30 NOV 85	503	71 / CSN 4770 CSO 503
19 FEB 86	OKAN GIMQ	890324S	503	10707	22 FEB 86	515	12 / CSN 4808 CSO 515
28 FEB 86	OKAN GIML	890210S	515	10707	13 JUL 86	842	327 / CSN 5135 CSO 842
24 JUL 86	OKAN GIMQ	890210S	842	CYC REM 9865	4 JUL 87	1983	1141 / CSN 6276 CSO 1983
21/1/88	OKAN GIME	890203S	2455	CYC REM 8724 11179	24 JUN 88	2485	30 / CSN 8306 CSO 2013
18 SEP 88	OKAN GIMV	890203S	2485	CYC REM 8694 11179	16/06/89	3198	623 / CSN 6429 CSO 2636
9-11-89	CHL GIMM	890203S	3108	CYC REM: 6071	24-4-91	4888	1780 / CSN 8709 CSO 4416
3-8-91	HSM	890203P	7125	CYC REM: 6291	14-10-91	7252	127 / CSN 3836 CSO 4543
4 JUL 92	Modular	890203		CYC REM: 6164	14 JUL 92		121 / CSN 5462 CSO 1116





ROLLS-ROYCE 250 SERIES III & IV SHIM NOTICE

**STANDARD  
AERO**



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

Date	22 SEP 09
SAL W/O	LW741427
Compressor S/N	CAC90329







# SERVICE RECORD TURBINE ASSEMBLY



GT-2782D (5/95) (F)

Part I  
Page No. 2Turbine Serial Number CAT- 95498 Engine Model 250- C30S

Aircraft S/N	INSTALLED		REMOVED		Reason
	Date	TT TSO	Date	TT TSO	
Engine S/N					
CGIMB #1	AIF 9634.7	9305.8	AIF 9993.6	9664.7	
CAE 890793S	26 MAY 02	650.5	21 FEB 03	1009.4	W/ENG CAE-890793S
	14 MAY 03	9664.7	AIF 10372.7	10043.2	3RD + 4TH W. CYCLED OUT
CAE-890793S	21 MAR 03	1009.4	12 NOV 03	1388.5	2ND CYCLED OUT
CGIMR #2	AIF 11068.2	10043.8	AIF 11281.6	10257.2	W/ENG
CAE 890793	11 MAR 04	0.0	13 AUG 04	213.4	CAE 890793S
CGFM2 #2	AIF 7972.0	10257.2	AIF 8226.3	10511.5	POWERSHAFT NUT
CAE-890793S	24 AUG 04	213.4	04 JAN 05	467.7	BACKED OFF
CGIMB/76011 #2	AIF 11010.3	10511.5	AIF 11305.7	10506.9	W/ENG
CAE 890849S	23 MAR 05	467.7	29 SEP 05	1146.6	CAE-890849S
CGIMR-760079	AIF 12492.7	10808.4	AIF 12804.3	11220.0	
CAE-890059S	13 APR 06	764.6	15 SEP 06	1176.2	W/ENG CAE-890059S
CGIMB - 76011	AIF 11548.2	11220.0		11890.5	
CAE-890059S	26 OCT 06	1176.2	4 FEB 08	1846.7	W/ENG. CAE890059S
		11890.5		12555.6	
CAE-890381S	19 AUG 08	0.0	20 JUL 09	665.1	W/ENG CAE-890381
		12555.6		12654.1	
CAE-890301S	17 SEP 09	665.1	18 AUG 2010	763.6	removed for transfer
		12654.1		13097.1	1st & 2nd stage turbine
CAE-891059	18 AUG 2010	763.6	03 June 2011	1206.6	wheels cycled out.



GT 2782D-1 (9-83)

# SERVICE RECORD TURBINE ASSEMBLY

Part 1  
Page No. 1

Turbine Serial Number CAT- 95498

Engine Model 250- C30P/S

INSTALLED					REMOVED			
Date	Owner	A/C or Eng. S/N	Turbine Time		Date	Turbine Time		Reason
			Since OH	Total		Since OH	Total	
10-31-85	COMMONWEALTH JET	895232	NEW	0.0	6-9-88	TSN	802.3	Repair
7-26-88	COMMONWEALTH JET	895232	TSN	802.3	9-27-90	<del>TSN</del>	1494.5	OVERHAUL (CSN 1654)
MAR 01 1991	HELJET	CAE 8905865	0.0	1494.5	12.06.92	1552.5	3047.0	T/X
21.08.92	HELJET	8905865	00.0	3047.0	29 JAN 93	574.5	3621.5	St. Turb. W/H. Damage
26.04.93	HELJET	8704415	0.0	3621.5	25 MAR. 94	7422.4	5043.9	CYCLED T/X
6/8/94	NMH	CAE 890139	0.0	5043.9	01 MAR 96	951.4	5995.3	SMOKING AT SHUT DOWN
14/2/96	VIW	CAE 890139	951.4	5995.3	19 JULY 96	1066.2	6110.7	A/C DAMAGED.
August/96	WHCL	CAE 890139	1066.2	6110.7	24 MAR 98	6918.654	6909.3	CYCLED OUT
02 JUNE 98	NMH.	CAE 890139	0.0	6909.3	23 JULY 98	140.3	7049.6	SMOKING LOW POWER.
02 AUG 98	NMH	CAE 890139	140.3	7049.6	Apr 19/00	867.7	7777	NEAR TX
21 MAY 00	HELJET	890139	867.7	7777.0	13 DEC 00	1746.0	8655.3	SAW SPARK DAMAGE CHECKED MOUNT &
15 APR 01	HELJET	8908075	0.0	8655.3	AF 19710.0 14 MAR 02	650.5	9305.8	ENTERED BY HFAST 20000000

# MODIFICATION RECORD

## TURBINE ASSEMBLY

Turbine Serial Number CAT- 95498 Engine Model 250- c30/S

Compliance Date	Bulletin or Directive No.	Title	Signature	Organization
NOV 13 1990	CEB 72-3168	1 <sup>st</sup> stg. nozzle diaphragm - Modify	<i>[Signature]</i>	
NOV 13 1990	CSL-A-3066	N1 shafting - inspect	<i>[Signature]</i>	
NOV 13 1990	CSL-A-3087	Splined adapter locknut torq. insp.	<i>[Signature]</i>	
NOV 13 1990	CEB A-72-3165	AD88-07-06 Found embodied	<i>[Signature]</i>	
NOV 13 1990	AD 86-24-02, AD 84-17-51, CEB A-72-3167	2 <sup>nd</sup> stg. nozzle - inspect	<i>[Signature]</i>	
NOV 13 1990	AD 86-20-13, CEB A-72-3146	Splined adap. locknut torq. insp.	<i>[Signature]</i>	
7-23-92	CEB-3110	MODIFY VERTICAL FIREWALL	<i>[Signature]</i>	RYDER AVIALL-PHX
	CEB-A72-3180	ALSEAL COATING PT INNER/OUTER SHAFTS	<i>[Signature]</i>	
	CSL-A-3066	N1 SHAFTING INSPECTION(TURBINE ONLY)	<i>[Signature]</i>	
	B165F-TGS-0391	THREAD INSPECTION OF G.P. TIEBOLT	<i>[Signature]</i>	
7-23-92	B386W-TGS-0991	TURB. SPLINED ADAPTER LOCKNUT REPLACEMENT	<i>[Signature]</i>	RYDER - YRR3491L
15 April 93	CSL-A-3066	N1 Shafting - Inspect	<i>[Signature]</i>	SAL-DOT22-58
15 April 93	CSL-A-3068	Allison Assured Engines	<i>[Signature]</i>	SAL-DOT22-58
5 Jul -95	CEB-72-3102	EMG Insp for Prearc clamping	<i>[Signature]</i>	NMH



GT 2783D-1 (9-83)

# MODIFICATION RECORD

## TURBINE ASSEMBLY

Part III  
Page No. 1

Turbine Serial Number CAT- 95498

Engine Model 250- c307s

Compliance Date	Bulletin or Directive No.	Title	Signature	Organization
7-26-88	CEB 72-3061	P.T. Support & Seal - Break Edge		Airwork
"		Hole.		"
"	CEB 72-3151	P.T. Support & Sump Cover - Rework.		"
"	CEB 72-3153	Rev. #1 - Gas Producer Support		"
"		Modification for Internal Energy		"
"		Absorbing Ring Support Pads.		"
"	CEBA72-3165	Complied With Previously.		"
NOV 19 1990	CEB 72-3040	Found embedded		
NOV 19 1990	CEB 72-3058	Inner shaft pilot dia. - Rework		
NOV 19 1990	CEB 72-3114	Nozzle shield post. plug Modify		
NOV 19 1990	CEB 72-3161	G.P. Supt. Modify		
NOV 19 1990	CEB 72-3169	4 <sup>th</sup> sec. nozzle diaphragm. Modify		
NOV 19 1990	CEB 72-3175	New G.P. tiebolt nut		

*[Handwritten signature]*

SAL-DOT22-58

# TRANSFER RECORD

Turbine Serial Number CAT- 95498 Engine Model 250- C30P/S

SHIPPED			Turbine Time		RECEIVED	
Date	From	To	Since OH	Total	Date	By
10-31-85	AGT-GMC	BELL	NEW	0.0		
1-20-88	Airwork		TSN	796.7	5-5-88	Airwork
7-26-88	Airwork		TSN	802.3	6-9-88	Airwork
		SAL	NEW	1494.5	17 OCT. 90	SAL
MAR 01 1991	SAL	HELIJET	0.0	1494.5	6-18-92	RYDER AVIALL-PHX
7-23-92	RYDER AVIALL-	HELIJET AIRWAYS	00.0	3047.0		
MAR 02 1998	AIRBORNE ENGINES	RIVERSIDE HELICOPTERS	951.4	5995.3		
APR 30, 1998	AIRBORNE ENGINES	N.M.H.	0.0	6909.3		
MAY 31, 1998	AIRBORNE ENGINES	N.M.H.	140.3	7049.6		
5 APR. 00	RIVERSIDE	SAL	867.7	7777.0	25 APR. 00	SAL
2 MAY 00	SAL	HELIJET	867.7	7777.0		

# MODIFICATION RECORD

## TURBINE ASSEMBLY

 Turbine Serial Number CAT-95498 Engine Model 250-C3015

Compliance Date	Bulletin or Directive No.	Title	Signature	Organization
15 April 93	CEB-72-3132, CEB-72-3142, CEB-72-3150 CEB-72-3183	found Embodied	<i>Ken Li</i>	SAL-DOT22-58
04 Aug 94	CEB-72-3188	2 <sup>nd</sup> stg nozzle radial clearance	<i>Stephane G</i>	SAL-DOT22-58
MAR 02 1996	CSL-A-3066	NI SHAFTING INSPECTION.	<i>Stephane G</i>	AEL DOT 457-91
MAY 29, 1998	AD96-19-01	N/A (TO NO SUPERIOR #5 & #8 BEARINGS INSTALLED)	<i>Stephane G</i>	AEL DOT 457-91
MAY 29, 1998	CEB-72-3122	4 <sup>th</sup> STAGE NOZZLE - Rework	<i>Stephane G</i>	AEL DOT 457-91
MAY 29, 1998	CSL-3077	ALIGNMENT BUILD PROCEDURE	<i>Stephane G</i>	AEL DOT 457-91
MAY 29, 1998	CEB-A-72-3208	1 <sup>st</sup> STG NOZZLE SHIELD - INSPECT	<i>Stephane G</i>	AEL DOT 457-91
MAY 29, 1998	AD81-13-12	N/A (TO TURBINE SERIAL NUMBER)	<i>Stephane G</i>	AEL DOT 457-91
MAY 29, 1998	AD84-24-54	N/A (TO TURBINE SERIAL NUMBER)	<i>Stephane G</i>	AEL DOT 457-91
MAY 29, 1998	AD86-19-12, AD86-20-13 & AD88-07-06	FOUND EMBODIED.	<i>Stephane G</i>	AEL DOT 457-91



# MODIFICATION RECORD TURBINE ASSEMBLY

Turbine Serial Number PAT-95498 Engine Model 250C30S

Compliance Date	Bulletin or Directive No.	Title	Signature	Organization
09 JUL 04	CEB-A-72-3252R2	INSPECTION OF 1ST STAGE NOZZLE SHIELD DDMG N/A BY PART NUMBER INST'D 23073566	<i>Ellie A. ...</i>	165-93-046 SAL-AMO-22-53
MAR 10 2005	CSL-A-3066R5	N1 SHAFTING INSPECTION	SAL 661 QI	SAL-AMO-22-58
MAR 10 2005	CEB 72-315BR4	#5 LAB. SEAL - INSTALL	SAL 661 QI	SAL-AMO-22-58
MAR 10 2005	CEB 72-3210	#5 LAB. SEAL SLIP JOINT - REPLACEMENT (REF: PHI 0002)	SAL 661 QI	SAL-AMO-22-58
MAR 10 2005	CEB A-72-326BR1	INSPECT 3RD STG WHL (P/N 6898663)	SAL 661 QI	SAL-AMO-22-58
MAR 10 2005 AF 11194.7 21 JULY 05	CEB A-72-3272	NEW N2 OVER-SPEED EVENT RECORDING & STANDBY-STATE OPERATION AVOIDANCE RANGE C/W	<i>Mark O'Brien for</i>	GEORGE WATTS 165-93-097
DEC 29 2005	CSL-A-3066R5	N1 Shafting Inspection	SAL 303 QI	SAL-AMO-22-58
DEC 29 2005	CEB-A-72-3278	Inspection of 3rd Stg Wheel (P/N 6898663)	SAL 303 QI	SAL-AMO-22-58
APR 16 2008	CSL-A-3066R5	N1 SHAFTING INSPECTION	SAL 661 QI	SAL-AMO-22-58
APR 16 2008	CEB A-72-3252-R3	INSPECT 1ST NOZZLE SHIELD (P/N 23073566)	SAL 661 QI	SAL-AMO-22-58
APR 16 2008	CEB A-72-326BR1	INSP. 3RD STG WHEEL (P/N 6898663)	SAL 661 QI	SAL-AMO-22-58
APR 16 2008	CEB A-72-3278R2	PT OUTER SHAFT - N/A TO S/W WF 16910	SAL 661 QI	SAL-AMO-22-58



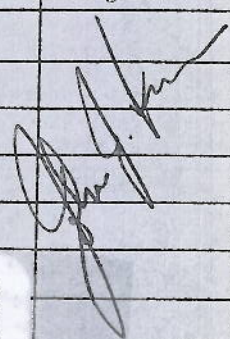
# INSPECTION — MAINTENANCE — OVERHAUL RECORD

## TURBINE ASSEMBLY

GT 2784D-1 (9-83)

Turbine Serial Number CAT- 95498

Engine Model 250- C30<sup>1/3</sup>

Date	Turbine Time		Remarks	Signature	Organization
	Since OH	Total			
7-26-88	TSN	802.3	Inspected, repaired and tested per manufacturer's specifications.		Airwork
			Total Cycles: 865		
			Counter: 1113		
			<p>This certifies that only the work requested by the customer and described on our work order listed below, was accomplished and inspected in accordance with manufacturer's specifications and with current Federal Aviation Administration regulations, and is approved for return to service. Pertinent details of this repair are on file at this agency under:</p>		
			Job No. <u>A-61911</u> Date <u>7-26-88</u>		
			Signed <u>John J. Kerner</u> for <u>A &amp; P 1182424</u>		
			Airwork Corporation - (C.R.S. - 3507) Millville Municipal Airport Millville, New Jersey 08332		