

# SECTION 3 PART I

# ASSEMBLY SERVICE RECORD

1. ASSEMBLY NAME: COMPRESSOR ROTOR

2. ASSEMBLY P/N: 23075048

3. ASSEMBLY S/N: A20346

4. MODULE IDENTIFICATION NAME: ENGINE

PART NUMBER SERIAL NUMBER	DATE	5. ASSEMBLY INSTALLATION SECTION		6. ASSEMBLY REMOVAL SECTION		REASON FOR REMOVAL	
		MODULE TOTAL HOURS CYCLES	ASSEMBLY TOTAL HOURS CYCLES	MODULE TOTAL HOURS CYCLES	ASSEMBLY TOTAL HOURS CYCLES		
AE3007A1 CAE312244	25 JUL 2002	0 0	0 0	15 FEB 08	8627 8290	8627 8290	S/B TUCO/PORTA TON
AE3007A1 CAE312244	06 Mar 2008	8627.0 8290	8627.0 8290				

7. REMARKS

Date: 06 Mar 2008 - Removed and Reinstalled on WO# EN 674495 by Standard Aero (Alliance) Inc., R/S# AEOR215N Page 7 END

# SECTION 3 PART II

# LIFE LIMITED PARTS RECORD

This record to remain with part listed.

2. PART NAME: 1ST STG WHEEL

3. PART NUMBER: 23065041

4. SERIAL NUMBER: L271703

5. ASSEMBLY IDENTIFICATION  
NAME: COMPRESSOR ROTOR

6. PART INSTALLATION SECTION

7. PART REMOVAL SECTION

PART NUMBER SERIAL NUMBER	DATE	ASSY TOTAL		PART TOTAL		DATE	ASSY TOTAL		PART TOTAL	
		HOURS CYCLES	HOURS CYCLES	HOURS CYCLES	HOURS CYCLES		HOURS CYCLES	HOURS CYCLES		
23075048 A20346	25 JUL 2002	0 0	0 0	0 0	0 0					

8. REMARKS





# SECTION 3 PART II

# LIFE LIMITED PARTS RECORD

This record to remain with part listed.

2. PART NAME: 4TH STG WHEEL

3. PART NUMBER: 23071259

4. SERIAL NUMBER: L264442

5. ASSEMBLY IDENTIFICATION  
NAME: COMPRESSOR ROTOR

PART NUMBER SERIAL NUMBER	DATE	6. PART INSTALLATION SECTION		7. PART REMOVAL SECTION	
		ASSY TOTAL HOURS CYCLES	PART TOTAL HOURS CYCLES	ASSY TOTAL HOURS CYCLES	PART TOTAL HOURS CYCLES
23075048 A20346	25 JUL 2002	0 0	0 0		

8. REMARKS

# SECTION 3 PART II

# LIFE LIMITED PARTS RECORD

This record to remain with part listed.

2. PART NAME: 5TH STG WHEEL

3. PART NUMBER: 23071260

4. SERIAL NUMBER: L265303

5. ASSEMBLY IDENTIFICATION  
NAME: COMPRESSOR ROTOR

PART NUMBER SERIAL NUMBER	DATE	6. PART INSTALLATION SECTION		7. PART REMOVAL SECTION	
		ASSY TOTAL HOURS CYCLES	PART TOTAL HOURS CYCLES	ASSY TOTAL HOURS CYCLES	PART TOTAL HOURS CYCLES
23075048 A20346	25 JUL 2002	0 0	0 0		

8. REMARKS

# SECTION 3 PART II

# LIFE LIMITED PARTS RECORD

This record to remain with part listed.

2. PART NAME: 6TH STG WHEEL

3. PART NUMBER: 23074717

4. SERIAL NUMBER: L269776

5. ASSEMBLY IDENTIFICATION  
NAME: COMPRESSOR ROTOR

6. PART INSTALLATION SECTION

7. PART REMOVAL SECTION

PART NUMBER SERIAL NUMBER	DATE	6. PART INSTALLATION SECTION		7. PART REMOVAL SECTION	
		ASSY TOTAL HOURS CYCLES	PART TOTAL HOURS CYCLES	ASSY TOTAL HOURS CYCLES	PART TOTAL HOURS CYCLES
23075048 A20346	25 JUL 2002	0 0	0 0		

8. REMARKS

# SECTION 3 PART II

# LIFE LIMITED PARTS RECORD

This record to remain with part listed.

2. PART NAME: 7TH STG WHEEL

3. PART NUMBER: 23074719

4. SERIAL NUMBER: L249303

5. ASSEMBLY IDENTIFICATION  
NAME: COMPRESSOR ROTOR

PART NUMBER SERIAL NUMBER	DATE	6. PART INSTALLATION SECTION		7. PART REMOVAL SECTION	
		ASSY TOTAL HOURS CYCLES	PART TOTAL HOURS CYCLES	ASSY TOTAL HOURS CYCLES	PART TOTAL HOURS CYCLES
23075048 A20346	25 JUL 2002	0 0	0 0		

8. REMARKS



# SECTION 3 PART II

# LIFE LIMITED PARTS RECORD

This record to remain with part listed.

2. PART NAME: 8TH STG WHEEL

3. PART NUMBER: 23074721

4. SERIAL NUMBER: L260372

5. ASSEMBLY IDENTIFICATION  
NAME: COMPRESSOR ROTOR

PART NUMBER SERIAL NUMBER	DATE	6. PART INSTALLATION SECTION		7. PART REMOVAL SECTION	
		ASSY TOTAL HOURS CYCLES	PART TOTAL HOURS CYCLES	ASSY TOTAL HOURS CYCLES	PART TOTAL HOURS CYCLES
23075048 A20346	25 JUL 2002	0 0	0 0		

8. REMARKS

# SECTION 3 PART II

# LIFE LIMITED PARTS RECORD

This record to remain with part listed.

2. PART NAME: 9TH STG WHEEL

3. PART NUMBER: 23074722

4. SERIAL NUMBER: L264859

5. ASSEMBLY IDENTIFICATION NAME: COMPRESSOR ROTOR

PART NUMBER SERIAL NUMBER	DATE	6. PART INSTALLATION SECTION		7. PART REMOVAL SECTION	
		ASSY TOTAL HOURS CYCLES	PART TOTAL HOURS CYCLES	ASSY TOTAL HOURS CYCLES	PART TOTAL HOURS CYCLES
23075048 A20346	25 JUL 2002	0 0	0 0		

8. REMARKS





# SECTION 3 PART II

# LIFE LIMITED PARTS RECORD

This record to remain with part listed.

2. PART NAME: 12TH STG WHEEL

3. PART NUMBER: 23074725

4. SERIAL NUMBER: L267803

5. ASSEMBLY IDENTIFICATION  
NAME: COMPRESSOR ROTOR

PART NUMBER	SERIAL NUMBER	DATE	6. PART INSTALLATION SECTION		7. PART REMOVAL SECTION	
			ASSY TOTAL HOURS CYCLES	PART TOTAL HOURS CYCLES	ASSY TOTAL HOURS CYCLES	PART TOTAL HOURS CYCLES
23075048	A20346	25 JUL 2002	0 0	0 0		

8. REMARKS

# SECTION 3 PART II

# LIFE LIMITED PARTS RECORD

This record to remain with part listed.

2. PART NAME: 13TH STG WHEEL

3. PART NUMBER: 23074726

4. SERIAL NUMBER: L252105

5. ASSEMBLY IDENTIFICATION  
NAME: COMPRESSOR ROTOR

PART NUMBER SERIAL NUMBER	DATE	6. PART INSTALLATION SECTION		7. PART REMOVAL SECTION	
		ASSY TOTAL HOURS CYCLES	PART TOTAL HOURS CYCLES	ASSY TOTAL HOURS CYCLES	PART TOTAL HOURS CYCLES
23075048 A20346	25 JUL 2002	0 0	0 0		

8. REMARKS



# SECTION 3 PART II

# LIFE LIMITED PARTS RECORD

This record to remain with part listed.

2. PART NAME: **CONE SHAFT**

3. PART NUMBER: **23073282**

4. SERIAL NUMBER: **MM501030**

5. ASSEMBLY IDENTIFICATION  
NAME: **COMPRESSOR ROTOR**

PART NUMBER SERIAL NUMBER	DATE	6. PART INSTALLATION SECTION		7. PART REMOVAL SECTION	
		ASSY TOTAL HOURS CYCLES	PART TOTAL HOURS CYCLES	ASSY TOTAL HOURS CYCLES	PART TOTAL HOURS CYCLES
23075048 A20346	25 JUL 2002	0 0	0 0		

8. REMARKS



# SECTION 3 PART III

# ASSEMBLY MODIFICATION RECORD

1. ASSEMBLY NAME: **COMPRESSOR ROTOR**      2. ASSEMBLY P/N: **23075048**

4. MODIFICATION INFORMATION:

3. ASSEMBLY S/N: **A20346**

BULLETIN OR DIRECTIVE NUMBER	ISSUE/REVISION DATE	SUBJECT OF BULLETIN OR DIRECTIVE	TYPE	5. COMPLIANCE TIME		6. SIGNATURE ENTRY and COMPANY	ORGANIZATION
				INTERVAL	NEXT DUE		
AE3007A-72-308	0	ENGINE - INCREASED TIE BOLT STRETCH VALUE	ONE-TIME	N/A	N/A	<i>[Signature]</i> RS#AE0R215N	Standard Aero (Alliance) Inc. W/O# EN674495
AE3007A-72-322	5/6/2005	ENGINE - NEW GLASS-PEENED 1ST-STAGE COMPRESSOR BLADE (23079367)	ONE-TIME	N/A	15-Feb-08	<i>[Signature]</i> RS#AE0R215N	Standard Aero (Alliance) Inc. W/O# EN674495

NOTE:



# SECTION 3 PART IV

# ASSEMBLY INSPECTION RECORD

1. ASSEMBLY NAME: **COMP ROTOR** 2. ASSEMBLY P/N: 23075048

3. ASSEMBLY S/N: A20346

4. INSPECTION INFORMATION				5. COMPLIANCE TIME				6. SIGNATURE ENTRY and COMPANY	
INSPECTION NUMBER	INSPECTION DESCRIPTION	REFERENCE DOCUMENT	MODULE	INTERVAL	NEXT DUE	DATE	AUTHORIZED SIGNATURE CERTIFICATION TYPE & NUMBER	ORGANIZATION	
CSP 34093 REV. 26	COMP MODULE SECTION 5 TS3 RESET TO ZERO	WO# EN674495	8,627 FH	5,000 FH	13,627 FH	19 FEB 2008	<i>[Signature]</i> R/S AEOR315N 29	STANDARD AERO ALLIANCE.	
CSP 34093 REV. 26	FRONT FRAME SECTION 4 (N 23075048) S/N 2751309 TS3 RESET TO ZERO	WO# EN674495	8,627 FH	5,000 FH	13,627 FH	19 FEB 2008	<i>[Signature]</i> R/S AEOR215N 32	STANDARD AERO ALLIANCE.	





# AD Compliance Report

Engine - Rolls Royce - AE 3007A1

CAE312244

STANDARD AERO ALLIANCE INC.  
COMP. ROTOR P/N 23075048 S/N A20346  
TSN 8627 CSN 8290

AD #	Subject	Date and Hours at Compliance	Recurring Yes/No	Next Due Date/Hours
2001-25-05	Prevent low-cycle fatigue (LCF) failure of cone shafts		No	
<b>Description:</b>	Engine - Rolls Royce - AE 3007A1			
<b>Component:</b>	Engine - Rolls Royce - AE 3007A1			
<b>Effective Date:</b>	01/23/2002			
<b>Supersedes:</b>	2000-09-05			
<b>Compliance:</b>	N/A by P/N			
<b>Notes:</b>				

**Category:** Engine  
**Superseded By:** N/A

**Mechanic name:** Lophy J. Bourque III  
**Certificate #:** R/S#AEOR215N  
**Authorized Sign.:**



# Service Bulletin Compliance



# Rolls-Royce

Engine Model: 3007A1

Engine Serial Number: CAE 312244

Ship Date: 25-Jul-02

Module: Compressor Rotor

Module Serial Number: A20346

SB Number	Title	Date	Incorporated	Status
AE 3007A-72-019	Engine - New 1st-Stage Compressor Wheel Assembly	15-Jan-99	Incorporated	Published
AE 3007A-72-040	Engine - IGV and 1st- thru 5th-Stage Actuation Ring and Button Assemblies	04-Nov-97	Incorporated	Published
AE 3007A-72-041	Engine - 1st- thru 5th-Stage Compressor Inner-Ring Segment End Gap	04-Dec-97	Incorporated	Published
AE 3007A-72-065	Engine - New Compressor Vane Assembly Nuts	11-Dec-98	Incorporated	Published
AE 3007A-72-097	Engine - New Center-Sump Housing	13-Aug-98	Incorporated	Published
AE 3007A-72-168	Engine - New Inlet Housing Hub Flowpath Extension (23073167)	24-Aug-00	Incorporated	Published
AE 3007A-72-171	Engine - New Center Sump Hardware to Reduce High Main Oil Pressure	30-Jun-00	Incorporated	Published
AE 3007A-72-172	Engine - New Compressor Stub Shaft (23072226)	14-Jul-00	Incorporated	Published
AE 3007A-72-177	Engine - New Compressor-Rear Air Seal (23073881)	20-Aug-01	Incorporated	Published
AE 3007A-72-182	Engine - New No. 5 Carbon Seal (23073831)	01-Sep-00	Incorporated	Published
AE 3007A-72-184	Engine - New Center Sump Forward Stationary Seal (23073794)		Incorporated	Not Published
AE 3007A-72-187	Engine - New 8th- thru 13th-Stage Compressor Vane Assemblies	09-Jan-01	Incorporated	Published
AE 3007A-72-202	Engine - New Compressor-to-Turbine Shaft (23073165) and Compressor Shaft Cone Assembly (23073282)	08-Jun-01	Incorporated	Published
AE 3007A-72-214	Engine - New No. 4 Bearing Spanner Nut (23074208)	26-Jun-02	Incorporated	Published
AE 3007A-75-004	Superseded by AE 3007A-75-015	26-Jan-98	Incorporated	Published
AE 3007A-75-010	Superseded by AE 3007A-72-020	14-Jun-99	Incorporated	Superseded
AE 3007A-A-75-003	Superseded by AE 3007A-A-75-005	10-Oct-97	Incorporated	Superseded

The intent of the above Service Bulletins are incorporated into Engine Serial Number CAE 312244 as of 25-Jul-02  
Form printed on Thursday, July 25, 2002