

Book #1 R-659
book n° 1/2
GVX1

A320

AUXILIARY POWER UNIT

APU LOG BOOK

GARRETT GmbH

Frankfurter Straße 41-65
Postfach 11 50
D-6096 Raunheim, Germany
Telephone + 49 (0) 61 42 - 4051

 **Allied
Signal Aerospace**

Important Instructions

This log book must remain with the APU and accompany the APU to Overhaul or Exchange. A complete record of APU operation must be entered in accordance with the instructions below.

1. Make an entry for each day of regular operation, or each period of intermittent operation.
2. On every entry, show total accumulated hours of operation (hourmeter reading or computation) and total accumulated engine starts (start-counter reading or computation). If estimated add suffix "est".
3. Record any unusual condition noticed during operation (for example: low oil pressure, high EGT, etc.).
4. List any repairs, adjustments, or maintenance performed (including oil added or changed and type of oil).
5. Note all scheduled inspections performed and any abnormalities found.
6. Record part numbers and serial numbers, if any, of major parts replaced.
7. Date and sign each entry.

On the last four pages of the book, enter SERVICE BULLETINS which have been accomplished. For assistance with operational or maintenance problems, contract the Allied Signal Aerospace Service Representative in your area.

Additional log books can be obtained through Garrett GmbH Customer Support Department.

APU Data

MODEL NO. GTCP 36-300A

SERIAL NO. R-659

DELIVERY DATE 12.11.92

APPLICABLE INSTRUCTION MANUALS 3800278

OPERATOR

Allied-Signal Aerospace


**Allied
Signal**

TRACEABILITY TAG							
MODEL		PART NO.		SERIAL NO.		CHANGES	
GTCP 36 - 300 A		3800278 - 3		R-659		5	
TSN. TSO		S.O. NO. / R.O. NO.		CUSTOMER		DATE	
CSN. CSO		A92-00016		GASD		12.11.92	
N.D.C. COMPONENTS				TRACEABLE PARTS			
PART NO.	S/N	SERIES	COND- TION CODE	PART NO.	S/N	CYCLES	HOURS
2000866 - 2	12-1152	4	01	3822270 - 5	0-03160-3763	0	0
3290594 - 1	3388	2	01	3822251 - 6	0-03160-4456	0	0
3290050 - 3	1362	1	01	3842121 - 2	24-802	0	0
3290052 - 2	785	2	01				
3862775 - 1	R-701	2	01				
3862750 - 7	P-128	1	01				
3880190 - 11	A2771	1	01				
3882825 - 6	PLU 608C	2	01				
3882835 - 4	724	1	01				
3876129 - 1	U 2597	NONE	01				
3880650 - 8	92-186	NONE	01				
3880799 - 1	92-180	NONE	01				
3886168 - 1	P-611	NONE	01				
3884864 - 1	0018	NONE	01				

OS 451/30 AZ 02 08.06.91

DATE	ACCUMULATED APU HOURS	ACCUMULATED APU STARTS	REMARKS, INSPECTIONS, REPAIRS, AND ADJUSTMENTS	SIGNATURE
12.11.92	Ø	Ø	38Q0278-3 NEW PRODUCTION UNIT SERIES 5 CHANGE NONE	Garrett GmbH Allied-Signal Aerospace [Signature]
25.11.92	Ø	Ø	Unit Installed in HC 1409	[Signature]
11 OCT 95	5168.0	4996	Removed From C-GVXB (AC #409) AT; 10750.24 A/F HRS & 4021 A/C cycle APU Clock AT; 5168.0 hrs & 4996 cyc for Company Convenience	[Signature] GSC REC 3
14 OCT 95	5168.0	4996	INSTALLED ON C-GVXB (A/C 409) AT; 10781.49 AK Hrs & 4034 A/C cycles.	[Signature] GSC REC 3
06 DEC 95	5431.0	5250	Removed From C-GVXB AT; 11279.50 A/c Hrs & 4217 A/C cycles FOR SHOP VISIT.	[Signature] GSC REC 3

Report: Assembly Code Date: Wed, Jun 15 1994 08:14 AM For: Canada 3000 Airlines Limited Page: 1

 Tail# Asm# Seq# -----Part Number----- --Serial#- -Location- TSN: Hours Cycles Days Part Description

VXBA	902	000	3800278-3		R-659	APU	2043.0	2010	559	APU		
			Mnt. Code	Ops	DtLast	HrsReq	HrsSince	CycReq	CySince	DysReq	DySince	MosReq
			492000-02-1		130594	1600	149.0	0	0	0	0	0
	101		3822270-5		0031603763	APU		2043.0	2010	559	IMPELLER-LOAD COMPRESSOR	
	102		3822251-6		0031604456	APU		2043.0	2010	559	ROTOR-COMPRESSOR	
	103		3842121-2		2Y-802	APU		2043.0	2010	559	ROTOR-TURBINE	
	801		2000866-2		12-1152	APU		2043.0	2010	559	STARTER MOTOR	
	802		3290594-1		3388	APU		2043.0	2010	559	CHAMBER, VARIABLE VOLUME	
	803		3290050-3		1362	APU		2043.0	2010	559	VALVE-SURGE CONTROL	
	804		3290052-2		785	APU		2043.0	2010	559	VALVE-LOAD CONTROL	
	805		3862775-1		R-701	APU		2043.0	2010	559	FAN ASSY-OIL COOLER	
	806		3862750-7		P-128	APU		2043.0	2010	559	GEARBOX ASSEMBLY	
	807		3880190-11		A2771	APU		2043.0	2010	559	PUMP ASSY-LUBRICATION	
	808		3882825-6		A931	APU		1443.0	1335	373	UNIT-FUEL CONTROL	
			Mnt. Code	Ops	DtLast	HrsReq	HrsSince	CycReq	CySince	DysReq	DySince	MosReq
			W36 MONTH C	0003	190593		0	0	0	0	0	36
	809		3882835-4		724	APU		2043.0	2010	559	VALVE ASSY-FLOW DIVIDER	
	810		3876129-1		U2597	APU		2043.0	2010	559	IGNITION UNIT	
	811		3880650-8		92-186	APU		2043.0	2010	559	PUMP ASSY-SCAVANGE	
	812		3880799-1		92-180	APU		2043.0	2010	559	ACTUATOR-APU	
	813		3886168-1		P-611	APU		2043.0	2010	559	ACTUATOR ASSY-IGV	
	814		3884864-1		0018	APU		2043.0	2010	559	UNKNOWN	

1. Country UNITED STATES		FAA FORM 8130-3 AIRWORTHINESS APPROVAL TAG U.S. DEPARTMENT OF TRANSPORTATION FEDERAL AVIATION ADMINISTRATION					3. System Tracking Ref. No. R02393 H00000000189001	
4. Organization ALLIEDSIGNAL INCORPORATED DBA ALLIEDSIGNAL AEROSPACE SERVICES REPAIR & OVERHAUL 1944 E. SKY HARBOR CIRCLE PHOENIX, AZ. 85034							5. Workorder, Contract or Invoice Number H5298S-001001 PAGE 01 OF PAGE(S)	
6. Item	7. Description	8. Part No.	9. Eligibility*	10. Quantity	11. Serial / Batch No.	12. Status / Work		
001	GTCP36-300A APU	3800278-3 MODS: SEE REMARKS BELOW	VARIOUS	1	R659 07590- 941871-001R	REPAIR		
13. Remarks REPAIR ORDER NUMBER: 941871-001 PART HAS BEEN WORKED AND INSPECTED IN ACCORDANCE WITH: MANUAL #: 49-25-69 REVISION: 03 <div style="display: flex; justify-content: space-between;"> SER BUL: 49-6629-6770 49-6804-7054 49-7105-7174 </div> TSO: UNKNOWN TSN: 5437.0 CSO: UNKNOWN CSN: UNKNOWN REMARKS: ENGINE CLEANED, INSPECTED, REPAIRED, AND TESTED IAW: MANUAL 49-25-69 REV. 3 AND CUSTOMER INSTRUCTIONS. TSR: 0, TSHSI: 269 ENGINE CHANGES THIS VISIT: 121-116-124-135-143-148. LOG BOOK PAGES SFAR LIST, S/B LIST, TEST DATA SHEET, SURVEY FORM.								
Limited life parts must be accompanied by maintenance history including total time / total cycles / time since new.								
14. New <input type="checkbox"/> Newly Overhauled <input type="checkbox"/> Certifies that the new or newly overhauled part(s) identified above, except as otherwise specified in block 13 was (were) manufactured in accordance with FAA approved design data and airworthiness. NOTE: In case of parts to be exported, the special requirements of the importing country have been met.				19. Return to Service in Accordance with FAR 43.9 Certifies that the work specified in block 13 (or attached) above was carried out in accordance with FAA airworthiness regulations and in respect to the work performed the part(s) is (are) approved for return to service.				
15. Signature		16. FAA Authorization No.	20. Authorized Signature		21. Certificate Number			
17. Name (Typed or Printed)		18. Date	22. Name (Typed or Printed)		23. Date			
			 B. J. CLIFTON		ZN3R030M 23JAN96			

ENGINE SERVICE RECORD

DATE
012396

ACCUMULATIVE TOTALS			
HOURS		CYCLES	
TSN /	TSO	CSN /	CSO
5437 /	UNK	UNK /	UNK

APU PN 3800278-3 SN R659

TYPE MAINTENANCE: REPAIR

DESCRIPTION OF WORK PERFORMED

ENGINE, CLEANED, INSPECTED, REPAIRED, AND TESTED IAW: MANUAL 49-25-69
REV.3 AND CUSTOMER INSTRUCTIONS. TSR:0 TSHSI:269THE APU IDENTIFIED ABOVE HAS HAD ALL MAINTENANCE PERFORMED PER CURRENT FAR'S
AND IS PROVIDED THIS MAINTENANCE RELEASE BY J.SUMNERSHOP OPERATIONS SIGN J. Sumner Sr.THE APU IDENTIFIED ABOVE HAS BEEN INSPECTED PER CURRENT FAR'S AND IS APPROVED
FOR RETURN TO SERVICE. DETAILS OF WORK PERFORMED ARE ON FILE, NBR: 941871.SYSTEMS ASSURANCE SIGN Bj Clifton

STP

AlliedSignal Aerospace Co.
CERTIFIED REPAIR STATION
FAA ZN3R030M

FORM # PX7412

M

APU SN R659

APU PN 3800278-3

RO 941871

DATE 012396



LRU LISTING							
PN	NOUN	SN	ST	PN	NOUN	SN	ST
3880190-11	OIL PUMP	A2771	4	3882825-9	FUEL CON	PLU316C	2E
3882835-4	DIVIDER	719	4	2000866-	STARTER	SHIPLESS	
3886168-1	ACTUATOR	P560	4E	3290052-2	L/C/V	785	4
3290050-3	S/C/V	1310	4	3880799-1	COOLER	92-171	4
3290594-1	CHAMBER	3388	4	3862775-1	FAN ASSY	R701	4
3862750-7	G/B ASSY	P128	4				

ST (STATUS) 1=FT 2=REPAIR 3=OVERHAUL 4=VISUAL INSPECT 5=NEW E=EXCHANGE

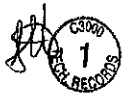
AlliedSignal Aerospace Co.
CERTIFIED REPAIR STATIONINSPECTOR BJ CLIFTON STP
FORM # PX7412FAA ZN3R030M
RO

APUSN R659

PN 3800278-3

RO 941871

DATE 012396



TRACEABLE / LIFE LIMITED PARTS

PN	NOUN	SN	HRS/CYCLES
	IMPELLER	NOT DISASSEMBLED	N/A N/A
	IMPELLER	NOT DISASSEMBLED	N/A N/A
	T-WHEEL	NOT DISASSEMBLED	N/A N/A

GRIT BLAST INFO		
GB	CYC	DUE AT

AlliedSignal Aerospace Co.
CERTIFIED REPAIR STATION

INSPECTOR BJ CLIFTON

STP
FORM # PX7412



FAA ZN3R030M
RO



REPORT NO: GASDSB-BE (PHOENIX) ALLIEDSIGNAL AEROSPACE SERVICES
RUN DATE: 01/23/96 LIST OF COMPLIED-WITH SERVICE BULLETINS
RUN TIME: 3.51.12 ENGINE MODEL: 36-300A
ENGINE SN: R659
CUSTOMER: 649

PAGE NO: 1

SERVICE BULLETIN	REV	DESCRIPTION	WHERE ACCOMP	WHEN ACCOMP
49-A6642		**ALERT** REPLACE ROTATING GRP WITH 3822430-1 (AD 92-21-05)	UNK	PCW
49-5853		REWORK 3290052-1 TO -2, REPLACE BUTTERFLY PLATE SCREWS	UNK	PCW
49-5874		INSTALLATION OF SHIMLESS MOTIONAL TRANSDUCER, 3876123-3	UNK	PCW
49-5875		REPL. RETAINER CAP 3862721-1 W/-2 AND 3862731-1 W/-2	UNK	PCW
49-5878		REPL. OIL TEMP. SWITCH, 3876126-1 WITH 3876126-3	UNK	PCW
49-5938		INCORPORATION OF LOCKWIRE ON THE LOAD COMP. BRG. RETAINER	UNK	PCW
49-5975		REPLACE OIL JET, 3880895-1 WITH 3881256-1	UNK	PCW
49-5976		RWK IMPLR, 3822251-1/-2 TO -4, RPL DFSR 3826641-1 W/3826812-1	UNK	PCW
49-5991		REPLACE VARIABLE VOLUME CHAMBER 3289618-1 WITH 3290594-1	UNK	PCW
49-6512		REWORK HALF COUPLING SHAFT P/N 3842314-3/-4 TO 3842141-1	UNK	PCW
49-6513		RPL BOLT P/N MS9556-06 W/MS9556-08 (GEN OIL JET MNT BOLT)	UNK	PCW
49-6514		RPL LABYRINTH SEAL HSG P/N 3826405-5 WITH 3826775-1	UNK	PCW
49-6515		REPLACE TURBINE BACKSHROUD 3613968-1 WITH 3613968-2	UNK	PCW
49-6516		REPLACE BEARING CARRIER RETAINER AND BEARING CARRIER ASSY.	UNK	PCW
49-6519		REPLACE LOP SWITCH, 3876125-4 WITH A -5	UNK	PCW
49-6520		RPL FAN ASSY P/N 3862665-8/-97-107-11 WITH 3862775-1	UNK	PCW
49-6521		RPL. FUEL FLOW DIVIDER 3882835-1/-2 WITH -3/-4	UNK	PCW
49-6542		RWK 3826725-1 TO 3826853-1, & 3826726-1 TO 3826854-1	UNK	PCW
49-6552		REWORK FUEL ATOM. SHROUDS 3830354-1/-3 TO A 3830407-1	UNK	PCW
49-6577		REWORK BRACKET 3884518-1 TO 3884518-2	UNK	PCW
49-6583		REWORK TURBINE PLENUM, 3846554-3 TO A 3846638-1	UNK	PCW
49-6629	01	ATTACH DAMPERS, 3810696-1 WITH NYCOTE 7-11 COATING TO HOUSING	PHX	12396
49-6638		RPL VENT FITTING PACKING, S9413-112 WITH 561-515-0022	UNK	PCW
49-6642		**ALERT** REPLACE ROTATING GRP WITH 3822430-1 (AD 92-21-05)	UNK	PCW

REPORT NO: GASDSB-BE (PHOENIX) ALLIED SIGNAL AEROSPACE SERVICES
 RUN DATE: 01/23/96 LIST OF COMPLIED WITH SERVICE BULLETINS
 RUN TIME: 3.51.12 ENGINE MODEL: 36-300A
 ENGINE SN: R659
 CUSTOMER: 649

PAGE NO: 2

SERVICE BULLETIN	REV	DESCRIPTION	WHERE ACCOMP	WHEN ACCOMP
49-6644		REPLACE IGV ACTUATOR, 3883220-2 WITH A -3 OR 3886168-1	UNK	PCW
49-6646		INCRP LOW DRAG GEARBOX, 3862750-7 & VENT TUBE, 3881374-1	UNK	PCW
49-6686		RPL TURBINE CONTAINMENT AND RWK/RPL TURBINE NOZZLES	UNK	PCW
49-6687		MOD. A 3800278-2 TO A -3, BY ACCOMPLISHING 16 OTHER S/B'S	UNK	PCW
49-6702		INCRP GENERATOR SUMP OIL HEATER, & WIRING HARNESS MOD.	UNK	PCW
49-6703		REPLACE SURGE CONTROL VALVE, 3290050-2 WITH A -3	UNK	PCW
49-6770	OR	RPL/RWK COMPRESSOR INLET DUCT, 3810432-4 WITH/TO A -5	PHX	12396
49-6804	01	RWK/RPL IGV ACTUATOR TUBE, 3810410-1 TO/WITH 3810410-2	PHX	12396
49-6825		RPL/RE-IDENTIFY BLANKET, 3846330-11 WITH/TO 3846641-1	UNK	PCW
49-6828		RPL SCROLL HSG, 3810315-3 W/ 3810315-4, OR RWK TO 3810315-5	UNK	PCW
49-7054	OR	REPLACE FUEL CONTROL, 3882825-8 WITH A 3882825-9.	PHX	12396
49-7105	01	INCORPORATE FUEL DRAIN PORT CHECK VALVE AND TUBE.	PHX	12396
49-7174	OR	INCRP. PACKINGS 561-515-0003 & 561-515-0011 ON OIL FITTINGS	PHX	12396

INSP. SIGNATURE

B. J. Clifton

23

REPAIR STATION CERTIFICATION NUMBER ZN3R030M

REPORT NO: GASDSB-BE (SFAR36)ALLIEDSIGNAL AEROSPACE SERVICES
RUN DATE: 01/23/96 LIST OF SFAR 36 REPAIRS
RUN TIME: 3.37.52 ENGINE MODEL: 36-300A
ENGINE SN: R659
CUSTOMER: 649

PAGE NO: 1

SFAR 36
NUMBER

DESCRIPTION

WHERE
ACCOMP

WHEN
ACCOMP

GASD1128

3830349, COMBUSTOR, WELD/T.B.C. LINER CRACKS AND DOME A.E.

PHX

12396

INSP. SIGNATURE

B. J. Clifton



REPAIR STATION CERTIFICATION NUMBER ZN3R030M



ENGINE QUALITY SURVEY

Please Print or Type

AlliedSignal

MODEL GTCP 36-300A S/N R659
REPAIR ORDER 941871 CUSTOMER CODE 64900
TEAM REPRESENTATIVE B.J. CLIFTON
DATE RETURNED TO SERVICE 1-23-96

ENGINE CONDITION

Customer Line Maintenance

AS RECEIVED CONDITION:

INSTALLATION PROBLEMS:

RUN UP PROBLEMS:

ACTION TAKEN TO CORRECT PROBLEMS: *

INSTALLED ON A/C # _____

NAME OF PERSON COMPLETING FORM

STATION _____

DATE _____

* Record P/N & S/N of LRU's replaced to correct run up problems. Please fold & return.

DSC-3800278-3
Page 1 of 2

ACCEPTANCE TEST DATA SHEET
36-300[A] APU
P/N 3800278-3

Used With
TI-3800278-3
Rev. A
ATP 31-8954
Rev. _____

Unit Outline No. 3800278-3 Model No. 36-300[A] Serial No. R659 Date 1-22-96

Test Cell No. 2105 Run No. ORIG Repair Order No. 941871 Production Release No. Na

Fuel Flowmeter S/N N/A Oil Used MIL-L-23699 Type Jet

Airflow Meas. Section S/N N/A Fuel Used ASTM-D-15 Type Jet A

*ECB P/N 304640-2 *ECB S/N 361 Slave* ☒

Quantity	Units	Actual	
ECB Dry Weight	lbs		
APU Dry Weight (From Unit Traveller)	lbs		
Automatic Starts Check Para	sec	1	36
	sec	2	36
	sec	3	36
Total No. of Starts (During ATP)	No.	4	
Total Operating Time (During ATP)	Hrs.	1:40	


Remarks:

*Indicate "Lab Slave" and S/N When Applicable

Unit Status: Accept ☒ Reject ☐

Technician Steven J. Dwyer Date 1-22-96

Supervisor _____ Date _____

Quality Assurance B. J. Clifton  Date 1-23-96

ACCEPTANCE TEST DATA SHEET
36-300[A] APU
P/N 3800278-3

Used With
TI-3800278-3
Rev. A
ATP 31-8954
Rev.

APU S/N R659

TECHNICIAN

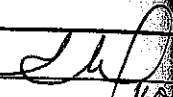

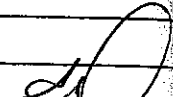
Steven M. Waizer

DATE 1-22-96

TI CASE			1	2	3	4
ATP REFERENCE			Para 4.1	Para 4.2	Para 4.3	Para 4.4
Quantity	Units		No Load	Shaft Load	100F Combined Load	122F MES
Barometric Pressure	psia		14.18	14.18	14.18	14.18
Average Inlet Temperature	F		79.8	81.3	82.5	85.0
Oil Pressure	psig		62.6	61.1	61.7	61.8
Oil Temperature	F		184	205	199	199
Gearbox Pressure	psig		1.000	1.049	1.295	1.295
Turbine Discharge Temperature (Unit Rakes)	Upper	F	724	835	1094	1113
	Lower	F	734	917	1123.0	1145
Exhaust Gas Total Temperature	Actual	F	717	852	1118	1143
	Corrected*	F			1165.2	1178
Deterioration Margin	F				-5.2	88.0
Orifice Inlet Temperature	F				352.1	383.4
Orifice Inlet Pressure	psia				42.567	49.046
Orifice Differential Pressure	psia				1.091	1.219
Exhaust Static Pressure	psia				13.666	13.656
IGV Position	deg				68.0	80.0
Bleed Airflow	Actual	lb/min			132.8	147.9
	Corrected*	lb/min			130.7	131.7
Bleed Total Pressure	Actual	psia			45.8	52.7
	Corrected*	psia			45.5	47.5
Bleed Total Temperature	Actual	F			376.2	400.9
	Corrected*	F			392.5	424.4
Fuel Consumption	Actual	lb/hr	144.7	209.2	260.1	263.5
	Corrected*	lb/hr			262.9	
Shaft Output/δ	hp		0	169	112	74
Unit Vibration	Cooling Fan	in/sec	.29	.28	.31	.28
	Gearbox	in/sec	.33	.33	.17	.17
	Turbine	in/sec	.26	.26	.42	.42
	Load Compressor	in/sec	.65	.62	.65	.65
APU Speed	rpm		62811		64071	64065
Specification Requirements (Corrected)	Min. Bleed Flow	lb/min			128.4	
	Min. Bleed Pressure	psia			45.0	48.3
	Max. IGV POS	deg			68.0	
	Max. Fuel Flow	lb/hr			264.1	
	Max. EGT	F			1136	1170
Digital Data Scan	Time		13:18:26	13:26:38	12:57:31	13:07:32
	Date		1-22-96	1-22-96	1-22-96	1-22-96
Digital Data Point No.	XXXX		1001	1002	1003	1004

* Data Corrected to Indicated T₂ and Installed, Sea Level Conditions.

Date			Plane Location			T S N			Part History				T S I			Aircraft Totals		
Maintenance			Hours Cycles Days			Hours Cycles Days Mos				PO#/WO#			Hours Cycles			Hours Cycles		
031096	UXCA	APU	8346.6	3351	266	0.0	0	0	0	0	M11593	1822.0	1854	7268.6	3351	N		
USR Removal																		

DATE	ACCUMULATED APU HOURS	ACCUMULATED APU STARTS	REMARKS, INSPECTIONS, REPAIRS, AND ADJUSTMENTS	SIGNATURE
0899	5437.0	5250	APU SN R-659 INSTALLED ON C-GVXD	 
10	8565.0	8255	AT: 15146:00 AF HRS & 6035 A/CYCLES	
	8511	8204	REF U8283	
FEB 01	8511.0	8204	APU REMOVED FROM C-GVXD AT:	 1608
			21082.9 AF HOURS & 8399 A/C CYCLES	
			7 FREQUENT APU SHUTDOWN FOR REMOVAL	
			DETAILS REF. M.06357 (F037079)	
			METER READING.	

SUBSREP

CANADA 3000 AIRLINES, LTD

PAGE 1

LIST OF SUB ASSEMBLIES

PART IS ASSEMBLY ALSO

MON, AUG 23, 1999, 10:05 AM

TOTAL HOURS: 4138.6 TOTAL CYCLES: 3906.0 TOTAL DAYS: 1257.0

3800278-3	APU-A320	R-659	VXDA	TSI	.0H	.0C	TSN	5437.0H	5250.0C	2426D
ATA - 49-00	ACFT-TYPE - A320	POSITION - APU								
0101 3822270-5	IMPELLER-LOAD COMP	0031603763		TSI	.0H	.0C	TSN	5437.0H	5250.0C	2427D
0102 3822251-6	ROTOR-COMPRESSOR	0031604456		TSI	.0H	.0C	TSN	5437.0H	5250.0C	2427D
0103 3842121-2	ROTOR-TURBINE	2Y-802		TSI	.0H	.0C	TSN	5437.0H	5250.0C	2427D
0801 2704506-1	STARTER MOTOR	75-164		TSI	.0H	.0C	TSN	4016.0H	3864.0C	844D
0802 3290594-1	CHAMBER, VARIABLE VO	3388		TSI	.0H	.0C	TSN	5212.0H	5037.0C	2428D
0803 3290050-3	VALVE-SURGE CONTROL	1417		TSI	.0H	.0C	TSN	8242.9H	7885.0C	1920D
0804 3290052-3	VALVE-LOAD CONTROL	994		TSI	.0H	.0C	TSN	5002.0H	4801.0C	860D
0805 3862775-1	FAN ASSY-OIL COOLER	R-701		TSI	.0H	.0C	TSN	5437.0H	5250.0C	2427D
0806 3862750-7	GEARBOX ASSEMBLY	P-128		TSI	.0H	.0C	TSN	5437.0H	5250.0C	2427D
0807 3880190-11	PUMP ASSY-LUBRICATIO	A2771		TSI	.0H	.0C	TSN	5437.0H	5250.0C	2427D
0808 3882825-9	UNIT-FUEL CONTROL	PLU726C		TSI	.0H	.0C	TSN	1853.0H	1649.0C	2262D
0809 3882835-4	VALVE ASSY-FLOW DIVI	713		TSI	.0H	.0C	TSN	282.0H	288.0C	2000D
0810 3876129-1	IGNITION UNIT	U2597		TSI	.0H	.0C	TSN	5437.0H	5250.0C	2427D
0811 3880650-8	PUMP ASSY-SCAVANGE	92-186		TSI	.0H	.0C	TSN	5437.0H	5250.0C	2427D
0812 3880799-1	COOLER-OIL, APU	95-122		TSI	.0H	.0C	TSN	6046.5H	5782.0C	1234D
			CODE 499144-01-1	H	REQD	2500.00	REMAINING	2500.00		
0814 3884864-1	ACTUATOR-INLET	0018		TSI	.0H	.0C	TSN	5437.0H	5250.0C	2427D
0815 3876134-1	TRANSDUCER-TOTAL PRE	932873		TSI	.0H	.0C	TSN	7628.0H	7284.0C	2446D
0817 3876130-3	TEMP SENSOR-COMPRESS	99193SOCN		TSI	7732.6H	7494.0C	TSN	7732.6H	7494.0C	1257D
0900 3830187-3	NOZZLE ASSY	1XG03122		TSI	.0H	.0C	TSN	2049.0H	1971.0C	1681D
0901 3830187-3	NOZZLE ASSY	1SG03302		TSI	.0H	.0C	TSN	2049.0H	1971.0C	1681D
0902 3830187-3	NOZZLE ASSY	1SG03282		TSI	.0H	.0C	TSN	2049.0H	1971.0C	1681D
0903 3830187-3	NOZZLE ASSY	0189		TSI	.0H	.0C	TSN	5083.0H	4947.0C	2228D
0904 3830187-3	NOZZLE ASSY	0364		TSI	.0H	.0C	TSN	2049.0H	1971.0C	1681D
0905 3830187-3	NOZZLE ASSY	1838		TSI	.0H	.0C	TSN	2049.0H	1971.0C	1681D

SUBSREP

CANADA 3000 AIRLINES, LTD

PAGE 2

LIST OF SUB ASSEMBLIES

PART IS ASSEMBLY ALSO

MON, AUG 23, 1999, 10:05 AM

0906 3876182-1	SENSOR ASSY-FLOW	603111	TSI	.0H	.0C TSN	5212.0H	5037.0C	1374D
0907 3876126-3	SWITCH-LOW OIL TEMPE	00889	TSI	.0H	.0C TSN	10136.8H	4056.0C	1923D

1. Country UNITED STATES		2. FAA FORM 8130-3 AIRWORTHINESS APPROVAL TAG U.S. DEPARTMENT OF TRANSPORTATION FEDERAL AVIATION ADMINISTRATION				3. System Tracking Ref. No. R19889 H00000000885626	
4. Organization HONEYWELL INTERNATIONAL, INC. DBA/HONEYWELL, AEROSPACE SERVICES, AFTERMARKET-PHOENIX REPAIR & OVERHAUL 1944 E. SKY HARBOR CIRCLE PHOENIX, AZ. 85034 FAA CERTIFICATE #ZN3R030M						5. Workorder, Contract or Invoice Number H67R34-001001	
6. Item	7. Description	8. Part No.	9. Eligibility*	10. Quantity	11. Serial / Batch No.	12. Status / Work	
001	GTCP36-300A APU	3800278-4	TSD ARTICLE N/A	1	R659C TRACE # 07590- 344031-001R	REPAIR ALTERED	
13. Remarks REPAIR ORDER NUMBER: 344031-001 PART HAS BEEN WORKED AND INSPECTED IN ACCORDANCE WITH: MANUAL #: 49-25-69 REVISION: 05 SER BUL: SEE MAINT.LOG TSN: 8565.00 CSN: 8255 TSD: UNKNOWN CSO: UNKNOWN AD/ASB: SEE MAINT.LOG REMARKS: ENGINE DISASSEMBLED TO THE EXTENT NECESSARY TO PERFORM REPAIR; INSPECTED, REPAIRED AND TESTED IAW MANUFACTURER MANUAL AND CUSTOMER INSTRUCTIONS.TSR/CSR:-0-.MODS/CHANGES: 132,134,136,137,139,152,153,163,151,149,158,169,164,177,178; FOR JAA CUSTOMERS ONLY: "THIS CERTIFIES THAT THE WORK SPECIFIED IN BLOCK 12/13 WAS CARRIED OUT IN ACCORDANCE WITH JAR 145 AND WITH RESPECT TO THAT WORK THE AIRCRAFT COMPONENT IS CONSIDERED READY FOR RELEASE TO SERVICE UNDER JAA ACCEPTANCE CERTIFICATE NUMBER: JAA.4136" Limited life parts must be accompanied by maintenance history including total time / total cycles / time since new.							
14. New <input type="checkbox"/> Newly Overhauled <input type="checkbox"/> Certifies that the new or newly overhauled part(s) identified above, except as otherwise specified in block 13 was (were) manufactured in accordance with FAA approved design data and airworthiness. NOTE: In case of parts to be exported, the special requirements of the importing country have been met.			19. Return to Service in Accordance with FAR 43.9 Certifies that the work specified in block 13 (or attached) above was carried out in accordance with FAA airworthiness regulations and in respect to the work performed the part(s) is (are) approved for return to service.				
15. Signature		16. FAA Authorization No.	20. Authorized Signature		21. Certificate Number		
17. Name (Typed or Printed)		18. Date	22. Name (Typed or Printed) ANDREW KAMINSKI		23. Date 29MAR01		

Honeywell
Component Maintenance Manual
Test Data Acceptance Sheet
GTCP36-300 [A]

49-25-69 Rev 6

P/N: 3800278- 4	S/N: R-659	DATE: 03-28-2001
TEST CELL NO.: 2105	RUN NO.: 1	R/O NO.: 344031
OIL USED: MIL-L-23699	OIL TYPE: EXXON 2380	
AIRFLOW MEASURING SECTION: 6.065" x 4.000"	FUEL USED: ASTM-D-1655	FUEL TYPE: JET A
ECB P/N: 304640- 3	ECB S/N*: 115	SLAVE: YES

AUTOMATIC STARTS	SEC	1	35.0
CHECK	SEC	2	35.0
PARA <u>H</u>	SEC	3	35.0

TOTAL NUMBER OF STARTS	NO.	6
------------------------	-----	---

TOTAL OPERATING TIME	HOURS	2.0
----------------------	-------	-----

* INDICATE LAB SLAVE AND ECB S/N WHEN APPLICABLE.

UNIT STATUS:

ACCEPT X REJECT

LAB TECH

Iz Soekardono →



DATE 03/28/2001

Honeywell

**GTCP 36-300
RETURNED EQUIPMENT FINDINGS ANALYSIS**

CUSTOMER : CANADA 3000 AIRLINES

A/C NUMBER : C-GVXD

MODEL : 36-300A

SERIAL NUMBER : **R 659**

INSTALLATION DATE:

INDUCTION : 2/16/2001

REPAIR ORDER : 344031

REMOVAL DATE:

OUTLINE NUMBER: 3800278-3

TSN :

TSR : 3051

TSO :

CSN :

CSR : 2932

CSO :

DAYS SINCE LAST VISIT: 1869

PREVIOUS VISIT

NO. of VISITS: 2

DATE: 1/5/1996

RO 941871

TSR 5437

TSN 269

POWER SECTION: HEAVY

GEARBOX: HEAVY

PREVIOUS FINDINGS:

IGV FAULT

REASON FOR RETURN

ASD & TURBINE BLADE EROSION

CONDITION UPON RECEIPT:

- THE FOLLOWING WAS NOTED DURING THE INDUCTION INSPECTION OF THE APU:
- METAL CONTAMINATION OF THE OIL FILTER, MAGNETIC PLUG, AND THE STARTER CAVITY WERE CONSIDERED LIGHT
 - TBC COATING OF THE TURBINE BACK SHROUD WAS MISSING
 - COOLING FAN SEAL APPEARED TO BE LEAKING
 - TURBINE WHEEL BLADES WERE ERODED & PIECES MISSING
 - INLET SCREEN WAS TORN NEAR THE ATTACH BRACKET
 - TURBINE NOZZLE VANES WERE ERODED & PIECES MISSING

INDUCTION TESTING/EVALUATION

INDUCTION TESTS NOT RECOMMENDED BASED ON RESULTS OF THE INDUCTION INSPECTION

Honeywell

GTCP 36-300
RETURNED EQUIPMENT FINDINGS ANALYSIS

CUSTOMER : CANADA 3000 AIRLINES

MODEL : 36-300A

SERIAL NUMBER: R 659

INDUCTION : 2/16/2001

REPAIR ORDER: 344031

DISASSEMBLY OBSERVATIONS/FINDINGS

THE FOLLOWING WAS NOTED DURING THE DISASSEMBLY OF THE APU:

- COMPRESSOR SEAL P/N 3846452-6 WORN & LEAKING
- TURBINE NOZZLE P/N 3846450-6 VANES CRACKED & PIECES MISSING
- TURBINE BEARING P/N 3842320-1 ROUGH ROTATION
- TURBINE WHEEL P/N 3842146-1 BLADE TIPS ERODED & MISSING
- ENGINE COMPRESSOR IMPELLER P/N 3822551-6 BLADE NICKS & RUBBED
- TURBINE BACK SHROUD P/N 3613968-2 TBC CHIPPED AT OD
- STARTER CLUTCH P/N 3610945-1 WORN

CONCLUSION

THE RETURN REASON, ASD & TURBINE BLADE EROSION WAS CONFIRMED TO BE ERODED & MISSING BLADE TIPS OF THE TURBINE WHEEL P/N 3842146-1

THE GEARBOX WAS DISASSEMBLED AT THIS VISIT.

ONE LINE FINDINGS

THE RETURN REASON, ASD & TURBINE BLADE EROSION WAS CONFIRMED TO BE ERODED & MISSING BLADE TIPS OF THE TURBINE WHEEL P/N 3842146-1

POWER SECTION ☐ LIGHT REPAIR ☒ HEAVY REPAIR PRIMARY ☐ HEAVY REPAIR SECONDARY ☐ NOT DISASSEMBLED
GEARBOX ☐ LIGHT REPAIR ☐ HEAVY REPAIR PRIMARY ☒ HEAVY REPAIR SECONDARY ☐ NOT DISASSEMBLED

Overhaul Engineering Services
1944 E. Sky Harbor Circle
Phoenix, Az. 85034 USA
Fax : (602) 365-4777

SUBSREP

CANADA 3000 AIRLINES, LTD

PAGE 1

LIST OF SUB ASSEMBLIES

TUE, APR 17, 2001, 3:20 PM

PART IS ASSEMBLY ALSO

3800278-4	APU-A320	R-659C	ISU-	TSI	.0H	.0C TSN	8565.0H	8255.0C	3012D
ATA - 49-00	ACFT-TYPE - A320	POSITION -							
0101 3822270-5		IMPELLER-LOAD COMPRE	0-03160-3763	TSI	.0H	.0C TSN	8565.0H	8255.0C	3013D
			ADSB AD00-04-24	02	C REQD	26000.00	REMAINING	17792.00	
			ADSB AD00-04-24	03	C REQD	26000.00	REMAINING	17792.00	
0102 3822251-6		ROTOR-COMPRESSOR	0-3160-4456	TSI	.0H	.0C TSN	8565.0H	8255.0C	3013D
0103 3842121-2		ROTOR-TURBINE	2Y-802	TSI	.0H	.0C TSN	8565.0H	8255.0C	3013D
0801 2704506-1		STARTER MOTOR	75-164	TSI	.0H	.0C TSN	7144.0H	6869.0C	1430D
0802 3290594-1		CHAMBER, VARIABLE VO	3388	TSI	.0H	.0C TSN	8342.0H	8042.0C	3014D
0803 3290050-4		VALVE-SURGE CONTROL	1417C	TSI	.0H	.0C TSN	11370.9H	10890.0C	2506D
0804 3290052-3		VALVE-LOAD CONTROL	785C	TSI	.0H	.0C TSN	11135.6H	10658.0C	3034D
0805 3862775-3		FAN ASSY-OIL COOLER	R-701C	TSI	.0H	.0C TSN	8565.0H	8255.0C	3013D
0806 3862750-7		GEARBOX ASSEMBLY	P-128	TSI	.0H	.0C TSN	8565.0H	8255.0C	3013D
0807 3880190-11		PUMP ASSY-LUBRICATIO	A2771	TSI	.0H	.0C TSN	8565.0H	8255.0C	3013D
0808 3882825-9		UNIT-FUEL CONTROL	PLU726C	TSI	.0H	.0C TSN	4981.0H	4654.0C	2848D
0809 3882835-4		VALVE ASSY-FLOW DIVI	713	TSI	.0H	.0C TSN	3410.0H	3293.0C	2586D
0810 3876129-1		IGNITION UNIT	U2597	TSI	.0H	.0C TSN	8565.0H	8255.0C	3013D
0811 3880650-8		PUMP ASSY-SCAVANGE	92-186	TSI	.0H	.0C TSN	8565.0H	8255.0C	3013D
0812 3880799-1		COOLER-OIL, APU	92-171	TSI	.0H	.0C TSN	11075.0H	10607.0C	2842D
			CODE 499144-01-1	H REQD		2500.00	REMAINING	2348.00	
0813 3883220-3		ACTUATOR ASSY-IGV	0693	TSI	.0H	.0C TSN	.0H	.0C	0D
0814 3884864-1		ACTUATOR-INLET	0018	TSI	.0H	.0C TSN	8565.0H	8255.0C	3013D
0815 3876134-1		TRANSDUCER-TOTAL PRE	924848	TSI	.0H	.0C TSN	8308.0H	7878.0C	2021D
0900 3830187-3		NOZZLE ASSY	1XG03122	TSI	.0H	.0C TSN	5177.0H	4976.0C	2267D
0901 3830187-3		NOZZLE ASSY	1SG03302	TSI	.0H	.0C TSN	5177.0H	4976.0C	2267D
0902 3830187-3		NOZZLE ASSY	1SG03282	TSI	.0H	.0C TSN	5177.0H	4976.0C	2267D
0903 3830187-3		NOZZLE ASSY	0189	TSI	.0H	.0C TSN	8211.0H	7952.0C	2814D
0904 3830187-3		NOZZLE ASSY	0364	TSI	.0H	.0C TSN	5123.0H	4925.0C	2267D

SUBSREP

CANADA 3000 AIRLINES, LTD

PAGE 2

LIST OF SUB ASSEMBLIES

PART IS ASSEMBLY ALSO

TUE, APR 17, 2001, 3:20 PM

0905 3830187-3	NOZZLE ASSY	1838	TSI	.0H	.0C TSN	5177.0H	4976.0C	2267D
0906 3876182-1	SENSOR ASSY-FLOW	603111	TSI	.0H	.0C TSN	8346.0H	8046.0C	1960D
0907 3876126-3	SWITCH-LOW OIL TEMPE	00889	TSI	.0H	.0C TSN	13270.8H	7065.0C	2509D

Honeywell

book n 212

Gas Turbine **ENGINE LOG BOOK**

ENGINE, GAS TURBINE

PART NO. 3800278-4

MODEL NO. 36-300A

SERIAL NO. R 659C

Important Instructions

This log book must remain with the engine and accompany the engine to Overhaul or Exchange. A complete record of engine operation must be entered in accordance with the instructions below.

1. Make an entry for each day of regular operation, or each period of intermittent operation.
2. On every entry, show total accumulated hours of operation (hour meter reading or computation) and total accumulated engine starts (start-count reading or computation). If estimated add suffix "est."
3. Record any unusual condition noticed during operation, for example: low oil pressure, high EGT, etc.
4. List any repairs, adjustments, or maintenance performed, including oil added or changed and type of oil.
5. Note all scheduled inspections performed and any abnormalities found.
6. Record part numbers and serial numbers, if any, of major parts replaced.
7. Date and sign each entry.

On the last four pages of the book enter SERVICE BULLETINS which have been accomplished.

For assistance with operational or maintenance problems contact the Honeywell Service Representative in your area.

Additional log books can be obtained through Honeywell Customer Support Department.

Engine Data

MODEL NO.

GTC P 36-300A

QEC NO.

SERIAL NO.

R 6596

DELIVERY DATE

APPLICABLE INSTRUCTION MANUALS

OPERATOR

DATE	ACCUMULATED ENGINE HOURS	ACCUMULATED ENGINE CYCLES	REMARKS, INSPECTIONS, REPAIRS, AND ADJUSTMENTS	SIGNATURE
3/29/01	TSN 8565.00	CSN 8255	APU P/N 3800278-4 S/N R659C Model 36-300A	
	TSO N/A	CSO N/A	DESCRIPTION OF WORK PERFORMED: ENGINE DISASSEMBLED TO THE EXTENT NECESSARY TO PERFORM REPAIR, INSPECTED, REPAIRED AND TESTED IAW MANUFACTURER'S MANUAL 49-25-69 REV 5 AND CUSTOMER INSTRUCTIONS. TSR/CSR-0- *****	
			INSPECTIONS COMPLIED WITH: N/A	
			SERVICE BULLETINS COMPLIED WITH: SEE SERVICE BULLETIN SECTION OF LOG BOOK.	
			PARTS REPAIRED OR REPLACED THIS VISIT: SEE TRACE INPUT PAGE	
			NDC / LIFE LIMITED PARTS: SEE NDC / LIFE LIMITED PARTS RECORD	
			THIS APU HAS BEEN REPAIRED/INSPECTED IN ACCORDANCE WITH THE CURRENT REGULATION OF THE FEDERAL AVIATION ADMINISTRATION AND IS APPROVED FOR RETURN TO SERVICE WITH RESPECT TO WORK PERFORMED. PERTINENT DETAILS OF WORK PERFORMED ARE ON FILE AT THIS AGENCY UNDER REPAIR ORDER NUMBER 344031	
			HONEYWELL AEROSPACE CERTIFIED REPAIR STATION ZN3R030M	
			INSPECTOR: <i>Andrew Kaminski</i>	(2)
			ANDREW KAMINSKI	

HONEYWELL AEROSPACE SERVICES REPAIR AND OVERHAUL

REPAIR STATION # ZN3R030M

TRACEABILITY INPUT TRAVELER

PARTS REWORKED OR REPLACED

REF. W.I. 8.14

FORM RPT APU 0005-1

DATE: 03/29/01

REPAIR ORDER 344031

ENGINE MODEL: APU OUTLINE NO. 3800278-4 ENGINE SN: R659

CUSTOMER: 64900

CONDITION CODE LEDGEND: N = NEW O = OVERHAUL R = REPAIR V = VISUAL F = FUNCTIONALLY TEST

<u>PART</u> <u>NUMBER</u>	<u>PART</u> <u>NAME</u>	<u>S/N</u>	<u>QTY</u>	<u>COND</u> <u>CODE</u>	<u>LOT</u> <u>NBR</u>	<u>DOC</u>	<u>NUMBER</u>
2704506-1	STARTER	75-164	1	F	354978	MAN	49-41-20
3290050-4	VALVE	1417	1	O	354979	MAN	49-50-87
						S/B	49-6990
3290052-3	VALVE	785C	1	O	354981	MAN	49-50-97
3616848-2	VALVE	01821	1	N	NA		
3810315-6	SCROLL	NA	1	O	326124	MAN	49-26-51
3810324-1	COVER	NA	1	O	348171	MAN	49-29-51
3810390-1	HSG	NA	1	O	348521	MAN	49-29-51
3810410-2	TUBE	NA	1	O	727793	MAN	49-26-51
						S/B	49-6804
3810432-6	DUCT	NA	1	O	293799	MAN	49-26-51
3822152-3	CPL	NA	1	O	333976	MAN	49-29-51
3822167-7	SHFT	NA	1	O	361527	MAN	49-29-51
						S/B	49-7397
3822251-6	ROTOR	0-03160-4456	1	O	354835	MAN	49-26-51
3822546-1	BRG	980633100354	1	N	NA		
3822547-1	SHFT	NA	1	O	182034	MAN	49-29-51
						S/B	49-7397
3822549-1	SEAL	01182107V331	1	N	NA		

Signature

Leigh P. Dechaine

Stamp

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HONEYWELL AEROSPACE SERVICES REPAIR AND OVERHAUL

REPAIR STATION # ZN3R030M

TRACEABILITY INPUT TRAVELER

PARTS REWORKED OR REPLACED

REF. W.I. 8.14

FORM RPT APU 0005-1

DATE: 03/29/01

REPAIR ORDER 344031

ENGINE MODEL: APU OUTLINE NO. 3800278-4 ENGINE SN: R659

CUSTOMER: 64900

CONDITION CODE LEDGEND: N = NEW O = OVERHAUL R = REPAIR V = VISUAL F = FUNCTIONALLY TEST

<u>PART</u> <u>NUMBER</u>	<u>PART</u> <u>NAME</u>	<u>S/N</u>	<u>QTY</u>	<u>COND</u> <u>CODE</u>	<u>LOT</u> <u>NBR</u>	<u>DOC</u>	<u>NUMBER</u>
3822587-1	ROTOR	000316003752	1	N	01P046		
3826589-2	SHRD	2-15157-271	1	O	357936	MAN	49-26-51
3826616-1	DIFFUSER	NA	1	O	261557	MAN	49-26-51
						SFA	22-1368
3826812-1	DIFFUSER	NA	1	O	343018	MAN	49-26-51
						SFA	22-1329
3826823-3	COMP HSG	000402800120	1	N	NA		
3827514-4	SEAL	00182102V449	1	N	NA		
3830187-3	NOZZLE	1OG05373	1	O	144830	MAN	49-26-51
		1OH00122	1	O	273245	MAN	49-26-51
		1UG04876	1	O	127756	MAN	49-26-51
		1VM05701	1	O	144733	MAN	49-26-51
		1129	1	O	324621	MAN	49-26-51
		1212	1	O	324619	MAN	49-26-51
3830349-4	CHMBR	NA	1	O	241352	MAN	49-26-51
						SFA	22-1128
3842141-1	CPL	NA	1	O	331774	MAN	49-26-51
3842146-1	TWHL	000134511228	1	N	01P069		
3842320-1	BRG	MS000633122215	1	N	NA		

Signature

Leigh F Dechaine

Stamp

(132)

HONEYWELL AEROSPACE SERVICES REPAIR AND OVERHAUL

REPAIR STATION # ZN3R030M

TRACEABILITY INPUT TRAVELER

PARTS REWORKED OR REPLACED

REF. W.I. 8.14

FORM RPT APU 0005-1

DATE: 03/29/01

REPAIR ORDER 344031

ENGINE MODEL: APU OUTLINE NO. 3800278-4 ENGINE SN: R659

CUSTOMER: 64900

CONDITION CODE LEDGEND: N = NEW O = OVERHAUL R = REPAIR V = VISUAL F = FUNCTIONALLY TEST

<u>PART</u> <u>NUMBER</u>	<u>PART</u> <u>NAME</u>	<u>S/N</u>	<u>QTY</u>	<u>COND</u> <u>CODE</u>	<u>LOT</u> <u>NBR</u>	<u>DOC</u>	<u>NUMBER</u>
3846563-2	CNTMNT RNG	92-13336-127	1	O	179777	MAN	49-26-51
						S/B	49-6856
3846612-2	CARR	NA	1	O	884619	MAN	49-26-51
3846638-3	PLENUM	NA	1	O	348517	MAN	49-26-51
3860799-1	BRG	96-443	1	N	NA		
		96-448	1	N	NA		
3860844-1	BEARING	97-103	1	N	NA		
		97-110	1	N	NA		
3862751-3	G/BOX	MS981900700069	1	N	NA		
3862775-3	FAN	R-701C	1	O	354982	MAN	49-51-81
						S/B	49-6954
3876133-1	SENSOR	6378-3-71	1	N	NA		
3876135-1	SENSOR	11923143824	1	N	NA		
3882825-9	FCU	PLU726C	1	O	354980	MAN	49-30-97
3883220-3	ACTR	0693	1	O	345811	MWI	17-519
						MR	A-6704
3884580-1	DUCT	NA	1	O	258965	MAN	49-26-51
3884589-1	SENSOR	NA	1	O	290187	MAN	49-29-51
3884990-1	TUBE	NA	1	R	470666	MAN	49-26-51

Signature Leigh F. Dechaine Stamp (132)

HONEYWELL AEROSPACE SERVICES REPAIR AND OVERHAUL

REPAIR STATION # ZN3R030M

TRACEABILITY INPUT TRAVELER

PARTS REWORKED OR REPLACED

ENGINE MODEL: APU OUTLINE NO. 3800278-4 ENGINE SN: R659

ENGINE SN: R659

CUSTOMER: 64900

CONDITION CODE LEDGEND: N = NEW O = OVERHAUL R = REPAIR V = VISUAL F = FUNCTIONALLY TEST

PART

PART

COND LOT

107

NUMBER

NAME _____

S/N

QTY

CODE

507
NBR

DOC

NUMBER

[illegible]

Signature

Leigh F. DeChaine

Stamp

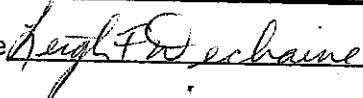
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Service Bulletin Compliance Record

Bulletin Number	Description	Where	When
✓ 49-A6642	**ALERT, APPLICABLE TO THE 3800278-2 OUTLINE ONLY**. REPL	UNK	PCW
	ROTATING GRP, 3822430-14 W/ -1. ** (AD 92-21-05).		
49-5874 ✓	INSTALLATION OF SHIMLESS MOTIONAL TRANSDUCER, 3876123-3	UNK	PCW
49-5878 ✓	REPL. OIL TEMP. SWITCH, 3876126-1 WITH 3876126-3	UNK	PCW
49-5938 ✓	INCORP OF LOCKWIRE ON THE LOAD COMP. BRG. RETAINER BOLTS	UNK	PCW
49-5991 ✓	REPLACE VARIABLE VOLUME CHAMBER 3289618-1 WITH 3290594-1	UNK	PCW
49-6512 ✓	REWORK HALF COUPLING SHAFT P/N 3842314-3/-4 TO 3842141-1	UNK	PCW
49-6513 ✓	RPL BOLT P/N MS9556-06 W MS9556-08 (GEN OIL JET MNT BOLT)	UNK	PCW
49-6515 ✓	REPLACE TURBINE BACKSHROUD 3613968-1 WITH 3613968-2	UNK	PCW
49-6519 ✓	REPLACE LOP SWITCH, 3876125-4 WITH A -5	UNK	PCW
49-6521 ✓	RPL. FUEL FLOW DIVIDER 3882835-1/-2 WITH -3/-4	UNK	PCW
49-6542 ✓	RWK 3826725-1 TO 3826853-1, & 3826726-1 TO 3826854-1	UNK	PCW
49-6552 ✓	REWORK FUEL ATOM. SHROUDS 3830354-1/-3 TO A 3830407-1	UNK	PCW
✓ 49-6556 ✓	REWORK HARNESS, 3888212-8/-9 TO A 3888167-1	UNK	PCW

Repair Station Certification Number ZN3R03M

Signature



132

Bulletin Number	Description	Where	When
49-6577 ✓	REWORK BRACKET 3884518-1 TO 3884518-2	UNK	PCW
49-6638 ✓	RPL VENT FITTING PACKING, S9413-112 WITH 561-515-0022	UNK	PCW
49-6644 ✓	REPLACE IGV ACTUATOR, 3883220-2 WITH A -3 OR 3886168-1	UNK	PCW
49-6646 ✓	INCORP LOW DRAG GEARBOX, 3862750-7 & VENT TUBE, 3881374-1	UNK	PCW
49-6686 ✓	RPL TURBINE CONTAINMENT AND RWK/RPL TURBINE NOZZLES	UNK	PCW
49-6702 ✓	INCORP GENERATOR SUMP OIL HEATER, & WIRING HARNESS MOD.	UNK	PCW
49-6781 ✓	REPLACE LOAD COMPRESSOR IMPELLER, 3822270-4 WITH A -5	UNK	PCW
49-6804 ✓	RWK/RPL IGV ACTUATOR TUBE, 3810410-1 TO/WITH 3810410-2	PHX	123
49-6812 ✓	MODIFY A 3800278-3 APU TO A -4 BY INCORP OF ROTOR 3842146-1	PHX	329
49-6825 ✓	RPL/RE-IDENTIFY BLANKET, 3846330-11 WITH/TO 3846641-1	UNK	PCW
49-6856 ✓	REWORK CONTAINMENT RING, 3846563-2	PHX	329
49-6883 ✓	REPLACE SEAL, 3846520-1 AND 3846523-1 WITH 3846640-1	UNK	PCW

Repair Station Certification Number ZN3R03M

Signature

Heigh F Dechaine (132)

3/29/2001 R659 ORIG BUILD

Service Bulletin Compliance Record

Page 3 of 4

Bulletin Number	Description	Where	When
49-6885 ✓	RWK/RPL T/BEARING CARRIER, 3846612-1 TO WITH A -2, OR A 3846521-4 TO A -5.	PHX	329200
49-6968 ✓	REPLACE COOLING FAN, 3862775-1/-2 WITH A 3862775-3.	PHX	329200
49-6979 ✓	REPLACE LOAD CONTROL VALVE, 3290052-2 WITH A -3.	PHX	329200
49-7051 ✓	REPLACE SURGE VALVE, 3290050-3 WITH A 3290050-4.	PHX	329200
49-7054 ✓	REPLACE FUEL CONTROL, 3882825-8 WITH A 3882825-9.	PHX	123199
49-7064 ✓	RWK TURBINE HSG. TO 3846554-6 OR 3846638-3 OR, RPL 3846554-3 OR 3846638-1 WITH A 3846638-3, AND ELBOW, MS24394J8 WITH A	PHX	329200
49-7105 ✓	INCORPORATE FUEL DRAIN PORT CHECK VALVE AND TUBE.	PHX	123199
49-7118 ✓	REMOVE OIL FILL SCOOP, 3862749-1 FROM GBOXES 3862750-7/-8/-9	UNK	PCW
49-7166 ✓	ONE TIME INSPECTION FOR A POSSIBLE BLOCKED BUFFER AIR PASS.	PHX	329200
49-7167 ✓	RPL SUMP VENT TUBE, 3613170-1 W/ 3616992-1 ON PLUMBING 3616211-1.	UNK	PCW
49-7174 ✓	INCORP PACKINGS 561-515-0003 & 561-515-0011 ON TURBINE BRG.	PHX	123199
49-7179 ✓	TUBE FITTING INCORPORATION OF A LOAD COMPRESSOR BRG CAVITY DRAIN	PHX	329200
49-7190 ✓	REPLACE OIL COOLER TUBE ASSEMBLIES	PHX	329200

Repair Station Certification Number ZN3R03M

Signature

Lough P. Dechaine

132

Bulletin Number	Description	Where	When
49-7201 ✓	REM/RPL SHIMS PN 3846480-1/2/3/4/5 W/ 3846670-1/2/3/4/5	PHX	3292001
49-7236 ✓	ONE TIME INSP OF EXTERNAL LUBE TUBE B-NUTS FOR PROPER TORQUE	PHX	3292001
49-7253	ADD OIL OVERFILL WARNING PLACARD, S9888-3	PHX	3292001
49-7258 ✓	RPL BOLT, MS9565-09 W/ MS9565-08	PHX	3292001
49-7291 ✓	REL/RWK COMPRESSOR DUCT, 3810432-5 TO -6	PHX	3292001
49-7307 ✓	INCORPORATE LOAD COMP IMPELLER CURVIC SEAL GASKET, 3617088-1	PHX	3292001
49-7390 ✓	RWK/REPL COMPRESSOR HSG, 3826823-4 TO -3	PHX	3292001
49-7397 ✓	RWK BRG CARRIER ASSY, INCORPORATE IMPROVED SCAVENGE & HYDRIC MNT. HRDWRE. * FOR OUTLINES, 3800278-3 & -4 ONLY*.	PHX	3292001
49-7427 ✓	REPL/RWK BUFFER AIR SYSTEM HARDWARE WITH IMPROVED BUFFER AIR SYSTEM HARDWARE.	PHX	3292001
49-7454 ✓	INTALLATION OF IGV ASSY PN 3810910-1, IGV CAVITY SEAL PN 3810916-1, AND IGV SUPPORT RING PN 3617448-1	PHX	3292001
49-7471 ✓	INCORPORATE LOAD COMPRESSOR CONTAINMENT SHIELD KIT, PN 3617743-1.	PHX	3292001
49-7582 ✓	REPLACE SEAL AND ROTOR ASSEMBLIES	PHX	3292001

REPORT NO: GASDAD-BE (AWD)

RUN DATE: 03/29/01

RUN TIME: 5.16.37

HONEYWELL AEROSPACE SERVICES

AIR WORTHINESS DIRECTIVES STATUS

ENGINE MODEL: 36-300A

ENGINE SN: R659

CUSTOMER: 64900

PAGE NO: 1

AIR WORTH DIRECTIVE	REV	DESCRIPTION	HRS	CYC	HOW ACCOMPLISHED	WHERE ACCOMP	WHEN ACCOMP
-----	---	-----	-----	-----	-----	-----	-----
2000-04-24	OR	INSTALL CONTAINMENT SYSTEM TO PREVENT AN UNCONTAINED FAILURE OF THE LOAD COMPRESSOR IMPELLER.			49-7471	PHX	03/29/2001
			8565	8255			
92-21-05		TO PREVENT DAMAGE TO THE TITANIUM APR FIRE WALL/TIESHAFT SEPERATION			49-A6642	PCW	PCW
			UNKNOWN	UNKNOWN			

INSP. SIGNATURE

Heigh F. Delaine (132)

REPAIR STATION CERTIFICATION NUMBER ZN3R030M

1. Country
Staat
F. R. GERMANY

2.

LUFTFAHRT-BUNDESAMT
AUTHORIZED RELEASE CERTIFICATE - AIRWORTHINESS APPROVAL TAG
PRÜFSCHHEIN - GERÄTEANHÄNGER

3. Certificate ref. no
Prüfschein-Nr.
92-012569

4. Organization
Anerkannter Betrieb

CARRETT GmbH

Frankfurter Straße 41-65 D-6096 Raunheim FRG

**Allied
Signal Aerospace**

5. Work order/contract
Arbeitsauftrag/Vertrag
A9200016

6. Item Lfd-Nr.	7. Description Beschreibung	8. Part no. Teile-Nr.	9. Eligibility Verwendbarkeit	10. Quantity Anzahl	11. Serial/ Batch no Werk/Los-Nr.	12. Status/Work Stand/Arbeiten
10	GTEP 36-300A	3800278-3	A-320	1	659	MANUFACTURED

13. Remarks
Bemerkungen

10 GERÄTEKENNBLATT NR. 6600 AUSGABE 4 DATUM: 31.07.92 P/O: 01N0433025
LBA-EG

14. NEW PARTS: Certifies that the part(s) identified above except as otherwise specified in block 13 was (were) manufactured/inspected in accordance with the airworthiness regulations of the stated country and/or in the case of parts to be exported with the approved design data and with the notified special requirements of the importing country.

Neue Teile: Es wird bescheinigt, daß das/die genannte(n) Teil(e), außer wenn anders in Rubrik 13 festgelegt, in Übereinstimmung mit den geltenden Vorschriften des genannten Staates und/oder bei Ausfuhr von Teilen mit den zugelassenen Musterunterlagen und mit den bekanntgegebenen Sonderforderungen des Einfuhrstaates hergestellt/geprüft wurde(n).

15. USED PARTS: Certifies that the work specified above except as otherwise specified in block 13 was carried out in accordance with the airworthiness regulations of the stated country and the notified special requirements of the importing country and in respect to that work the part(s) is (are) in condition for safe operation and considered ready for release to service.

Gebrauchte Teile: Es wird bescheinigt, daß die oben aufgeführten Arbeiten, außer wenn anders in Rubrik 13 angegeben, in Übereinstimmung mit den geltenden Vorschriften des genannten Staates und den bekanntgegebenen Sonderforderungen des Einfuhrstaates durchgeführt worden sind und daß das Teil/die Teile sich in einem betriebssicheren Zustand befindet/befinden und für den Betrieb freigegeben ist/sind.

16. Signature
Unterschrift

M. Katzer

17. Name/Name

M. KATZER

18. Date/Datum

12.11.92


19. Issued by or on behalf of the Luftfahrt-Bundesamt under authorization reference
Ausgestellt durch oder für das Luftfahrt-Bundesamt in Rahmen der Anerkennung Nr.

I-C89

XXXX

Honeywell

NDC / Life Limited Parts

Date 3/29/01	TSN 8565.00	CSN 8255	APU P/N 3800278-4 Model 36-300A	S/N R659C	CUSTOMER 64900			
Noun	P/N	S/N	Status	Noun	P/N	S/N	Status	
OIL PUMP	3880190-11	A2771	4	FUEL CONTROL	3882825-9	PLU726C	3	
FUEL FLOW DIV	3882835-4	719	4	STARTER	2704506-1	75-164	1	
IVG ACTUATOR	3883220-3	0693	3E	LOAD VALVE	3290052-3	785C	3	
SURGE VALVE	3290050-4	1417C	3	AIR/OIL COOLER	3880799-1	92-171	4	
VAR VOL CHAMBER	3290594-1	3388	1	FAN ASSY	3862775-3	R-701C	3	
G/BOX ASSY	3862750-7	P128	4					
REPAIR CODES	1-FIT	2-REPAIR	3-OVERHAUL	4- INSP / USED	5-NEW	E- EXCHANGED		
Noun	P/N	S/N		Time		Cycles		
IMPELLER	3822251-6		0-03160-4456	N/A		N/A		
IMPELLER	3822587-1		000316003752	N/A		N/A		
T-WHEEL	3842146-1		000134511228	N/A		N/A		
REPAIR ORDER: 344031 HONEYWELL AEROSPACE CERTIFIED REPAIRED STATION ZN3R030M				INSPECTOR:  ANDREW KAMINSKI				





USA 3000 Airlines
335 Bishop Hollow Road
Newtown Square, PA 19073

Direct Telephone Number
+01.610.325.1280

Direct Fax Number
+01.610.325.1285

NON-INCIDENT STATEMENT


Airframe Make and Model: Airbus A320-212
Aircraft Serial Number: MSN 427
Date of Removal: 04.15.2008
Flight Hours: 49,375
Flight Cycles: 19,322
Last Operator: USA 3000 Airlines

The undersigned hereby certifies that, to the best of our knowledge to the date hereof, this aircraft has not been subjected to extreme heat or stress, as in major accident, engine failure, incident, or fire (warehouse or aircraft); and has not been immersed in salt water or otherwise exposed to corrosive agents.

ENGINE	P/N	S/N	TSN	CSN
APU	3800278-4	R659C	10,397	9,950

USA 3000 Airlines

By:


 5/1/2012

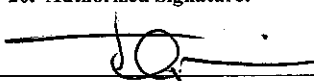
Name:

William J. Hoffman

Title:

Director of Quality Control

DATE	ACCUMU- LATED ENGINE HOURS	ACCUMU- LATED ENGINE CYCLES	REMARKS, INSPECTIONS, REPAIRS, AND ADJUSTMENTS	SIGNATURE
2-27-03	8565	8255	APU S/N R659C INSTALLED ON AIRCRAFT N265AV, MSN 427 ON 2-27-03 AT 33737.25 TAT, 13355 TAC.	J. Beruindey
7-23-03	8925	8537	APU S/N R659C REMOVED FROM AIRCRAFT N265AV, MSN 427 ON 7-23-03 AT 34831.46 TAT, 13733 TAC.	J. Beruindey
6-1-07	8925	8537	APU S/N R659C INSTALLED ON AIRCRAFT N265AV, MSN 427 ON 6-1-07 AT 46586 TAT, 18235 TAC.	J. Beruindey
4-15-08	10397	9950	APU S/N R659C REMOVED FROM AIRCRAFT N265AV, MSN 427. 08	J. Beruindey
05-Feb-13	10397	9950	APU S/N R659C INSTALLED ON AIRCRAFT MSN 293 ON 05-Feb-13 AT 60555 TAT, 25100 TAC.	Armand TORREILLE 

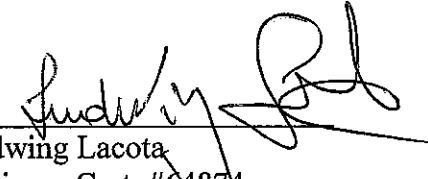
1. Approving National Aviation Authority/Country: FAA/United States		2. AUTHORIZED RELEASE CERTIFICATE FAA Form 8130-3, AIRWORTHINESS APPROVAL TAG				3. Form Tracking Number: A12-0056	
4. Organization Name and Address: AEROTEC INTERNATIONAL INC. FAA REPAIR STATION UMCR407K, 3007 E CHAMBERS, PHOENIX, AZ 85040						5. Work Order/Contract/Invoice Number: WFH1104734	
6. Item:	7. Description:	8. Part Number:	9. Eligibility: *	10. Quantity:	11. Serial/Batch Number:	12. Status/Work:	
1	GTCP36-300(A)	3800278-4	N/A	1	R659C	REPAIRED	
13. Remarks: MEDIUM REPAIR ACCOMPLISHED BY DISASSEMBLY, CLEAN, INSPECT, REPAIR, RESTORATION OF POWER SECTION AND LIGHT REPAIR OF GEARBOX ASSEMBLY. REPLACED SUBCOMPONENTS AS REQUIRED. ASSEMBLED AND FUNCTIONALLY TESTED I.A.W. HONEYWELL COMPONENT MAINTENANCE MANUAL 49-25-69 RIVISION 8 DATED 12/16/2005. AD 92-21-05 N/A BY P/N 3800278-4 PREVIOUSLY EMBODIED AD 2000-04-24 N/A BY P/N 3800278-4 PREVIOUSLY EMBODIED TSN = 10,397 CSN = 9,950 TSR = 0.00 CSR = 0.00 PERTINENT DETAILS OF WORK PERFORMED ARE ON FILE AT THIS REPAIR STATION UNDER REPAIR ORDER NUMBER A12-0056 Certifies that the work specified in block 12/13 was carried out in accordance with EASA Part-145 and in respect to that work the component is considered ready for release to service under EASA Part-145 Approval Number: EASA.145.4142. Repair design data used in the maintenance of this component is in compliance with EASA Executive Director Decision 2004/04/CF, As Amended By Executive Director Decision 2007/001/C.							
14. Certifies the items identified above were manufactured in conformity to: <input type="checkbox"/> Approved design data and are in a condition for safe operation. <input type="checkbox"/> Non-approved design data specified in Block 13.			19. <input checked="" type="checkbox"/> 14 CFR 43.9 Return to Service <input checked="" type="checkbox"/> Other regulation specified in Block 13 Certifies that unless otherwise specified in Block 13, the work identified in Block 12 and described in Block 13 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.				
15. Authorized Signature:		16. Approval/Authorization No.:		20. Authorized Signature:		21. Approval/Certificate No.:	
						UMCR407K	
17. Name (Typed or Printed):		18. Date (m/d/y):		22. Name (Typed or Printed):		23. Date (m/d/y):	
				JOHN AGUIRRE		NOV 07 2012	
User/Installer Responsibilities							
It is important to understand that the existence of this document alone does not automatically constitute authority to install the part/component/assembly. 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 parts/components/assemblies from the airworthiness authority of the country specified in Block 1. Statements in Blocks 14 and 19 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.							



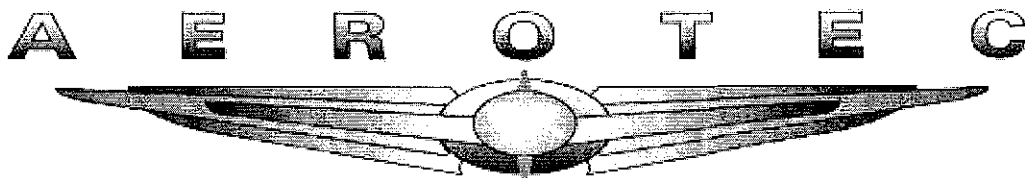
DATE: 11/8/2012

Subject: Purged Certificate
Customer: GECAS-AMS
Nomenclature: GTCP36-300(A)
Part Number: 3800278-4
Serial Number: R659C
Job Number: A12-0056

We hereby declare that the unit has been purged with no evidence of leakage of fuel or oil showing. The remaining fluids are only for its own preservation according with the O.E.M. and IATA dangerous goods regulations. This unit does not contain any measurable amounts of dangerous or harmful goods.

Signature: 
Name: Ludwing Lacota
Hazmat Shipper Cert: #64874
Phoenix AZ, PHX

3007 E. CHAMBERS ST. → PHOENIX, AZ 85040
PHONE; 602.253.4540 → FAX: 602.252.0395



**I N T E R N A T I O N A L
FAA REPAIR STATION UMC407K**

Receiving/Shipping Status Log

Customer		Customer P.O. #						Aerotec Job #	
GECAS		WFH1104734						A12-0056	
GTCP36-300(A)		Received/Removed		Status				Installed/Shipped	
MSR#	NOMENCLATURE	P/N	S/N	C/T	F/T	REP	O/H	P/N	S/N
1	Auxiliary Power Unit	3800278-4	R659C			X		3800278-4	R659C
100	Gearbox Assembly	3862750-7	P128			X		3862750-7	P128
200	Wire Harness Assembly	3888278-1	892-17		X			3888278-1	892-17
201	Shutoff Valve	3616848-2	01821				X	3616848-2	1438
202	Primary Fuel Manifold	3830197-1	IDA12-0056		X			3830197-1	IDA12-0056
203	Secondary Fuel Manifold	3830186-1	IDA12-0056		X			3830186-1	IDA12-0056
204	Fuel Nozzle (6ea)	3830187-3	VARIOUS				X	3830187-3	VARIOUS
205	Flow Divider Valve	3882835-4	719			X		3882835-4	719
206	Igniter Plug Lead	3876132-8	8-92	NEW				3876132-8	NSN
207	Igniter Plug	3876131-1	NSN		X			3876131-1	NSN
208	Ignition Exciter	3876129-1	U2597			X		3876129-1	U2597
209	Oil Cooler	3880799-1	90-205			X		3880799-1	90-205
210	LOP Switch	3876125-5	0873		X			3876125-5	0754
211	Oil Temperature Switch	3876126-3	0889		X			3876126-3	0889
212	Fan Assembly	3862775-3	R-701C			X		3862775-3	R-701C
213	Fuel Control Assembly	3882825-9	PLU726C			X		3882825-9	PLU726C
214	Lube Pump Assembly	3880190-11	A2771			X		3880190-11	A2771
215	Starter Motor	2704506-2	853		X			2704506-2	853
216	Oil Level Switch	3876128-2	0589	X				3876128-2	0589
217	Scavenge Pump	3880650-8	IDA12-0056			X		3880650-8	IDA12-0056
218	Oil Temperature Sensor	3876144-1	00817		X			3876144-1	00817
219	Filter Assembly	3880694-1	IDA12-0056			X		3880694-1	IDA12-0056
220	IGVA Assembly	3883220-3	0693		X			3883220-3	0693
221	Thermocouple (4ea)	3876124-1	982021900276		X			3876124-1	982021900276
		3876124-1	982021900381		X			3876124-1	982021900381
		3876124-1	982021900253		X			3876124-1	982021900253
		3876124-1	982021900240		X			3876124-1	982021900240
222	Air Breather Valve	3884864-1	0018	X				3884864-1	0018
223	Pneumatic Sensor Assy.	3884581-2	IDA12-0056			X		3884581-2	IDA12-0056
223a	Flow Sensor Assembly	3876182-1	603111	X				3876182-1	603111
223b	Sensor	3876134-1	34345		X			3876134-1	34345
223c	Sensor	3876135-1	011923143824		X			3876135-1	011923143824
223d	Volume Chamber	3290594-1	3388		X			3290594-1	3388
224	Temperature Sensor	3876127-1	7-20219-101		X			3876127-1	7-20219-101
225	Load Control Valve	3290052-3	785C		X			3290052-3	785C
226	Surge Control Valve	3290050-4	1417C			X		3290050-4	1417C
227	Pressure Sensor	3876133-1	6378-3-71		X			3876133-1	6378-3-71

A E R O T E C



INTERNATIONAL FAA REPAIR STATION UMCR407K

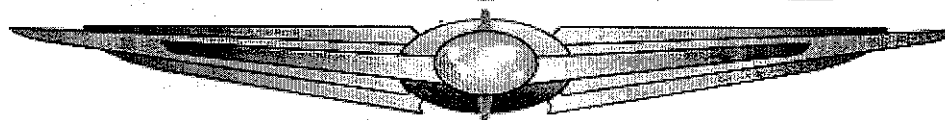
Receiving/Shipping Status Log

Customer		Customer P.O. #						Aerotec Job #	
GECAS		WFH1104734						A12-0056	
GTCP36-300(A)		Received/Removed		Status				Installed/Shipped	
MSR#	NOMENCLATURE	P/N	S/N	C/T	F/T	REP	O/H	P/N	S/N
228	Check Valve	2S6194	0956	NEW				2S6194	1666
229	Motional Transducer (2ea)	3876123-3	1336		X			3876123-3	1336
		3876123-3	90-533		X			3876123-3	90-533
230	De-Oil Solenoid Valve	3876136-1	696		X			3876136-1	696
231	Heater	3876145-1	92-38		X			3876145-1	92-38
232	Pressure Relief Valve	968214-13	IDA12-0056			X		968214-13	IDA12-0056
233	Comp. Inlet Temp. Sensor	3876130-3	5-20219-271		X			3876130-3	50413-0503730
234	Encoder Assembly	3876142-1	659		X			3876142-1	659
235	Sensor	3884589-1	IDA12-0056	X				3884589-1	IDA12-0056
236	AC Generator	M/P	N/A	-	-	-	-	M/P	N/A

N/A = Not Applicable, NSN = No Serial Number, M/P = Missing Part, P/N = Part Number, S/N = Serial Number,
C/T = Continue Timed, F/T = Function Tested, REP = Repaired, O/H = Overhauled, P/T = Pressure Tested, N/D = Not Disassembled

Mechanic: <i>T M M</i> <div style="float: right; border: 1px solid black; border-radius: 50%; padding: 2px; text-align: center;">A 403 A</div>	Date: <i>11/7/12</i>
Inspector: <i>ELP</i> <div style="float: right; border: 1px solid black; border-radius: 50%; padding: 2px; text-align: center;">A 142 A</div>	Date: <i>11/07/2012</i>

A E R O T E C



I N T E R N A T I O N A L FAA REPAIR STATION UMCR407K

AIRWORTHINESS DIRECTIVE, SERVICE BULLETIN COMPLIANCE RECORD

AIRCRAFT, ENGINE, PROPELLER, ROTOR, APPLIANCE OR COMPONENT

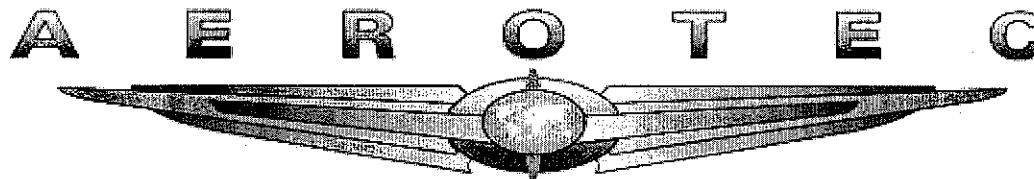
MAKE:	HONEYWELL	MODEL:	GTCP36-300(A)	P/N:	3800278-4	S/N:	R659C	W/O:	WFH1104734
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AIRWORTHINESS DIRECTIVE COMPLIANCE RECORD

AD NUMBER	SUBJECT	DATE AND HOURS AT COMPLIANCE	METHOD OF COMPLIANCE	ONE-TIME	RECURRING	NEXT INSP. DUE DATE OR HOURS	VERIFIED/ COMPLIED WITH BY
2000-04-24	TO PREVENT AN UNCONTAINED APU FAILURE AND DAMAGE TO THE AIRPLANE	N/A BY P/N 3800278-4 PREVIOUSLY EMBODIED	INSTALL AN EXTERNAL LOAD COMPRESSOR CONTAINMENT SHIELD AND LOAD COMPRESSOR IMPELLER P/N 3822270-5	N/A	N/A	N/A	CRS# UMCR407K JOB# A12-0056
92-21-05	TO PREVENT DAMAGE TO THE TITANIUM APU FIRE WALL DUE TO APU TIE SHAFT SEPARATION WHICH COULD LEAD TO A REDUCTION IN THE FIRE PROTECTION CAPABILITY OF THE APU COMPARTMENT	N/A BY P/N 3800278-4 PREVIOUSLY EMBODIED	REPLACE LOAD COMPRESSOR IMPELLER P/N 3822270-1/-3 WITH P/N 3822270-4	N/A	N/A	N/A	CRS# UMCR407K JOB# A12-0056

SERVICE BULLETIN COMPLIANCE RECORD

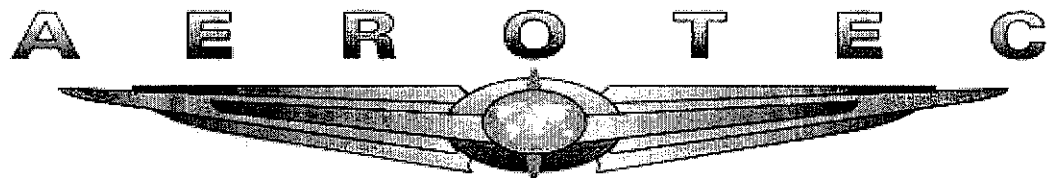
SB NUMBER	SUBJECT	DATE AND HOURS AT COMPLIANCE	METHOD OF COMPLIANCE	ONE-TIME	RECURRING	NEXT INSP. DUE DATE OR HOURS	VERIFIED/ COMPLIED WITH BY
49-5828, R3	REMOVE PNEUMATIC AND SHAFT POWER GAS TURBINE ENGINE	UNABLE TO VERIFY AIRFRAME RELATED	REMOVE PNEUMATIC AND SHAFT POWER GAS TURBINE ENGINE P/N 3800278-1 ELECTRONIC CONTROL BOX (ECB) P/N 307950-1/-2/-4 AND REPLACE WITH ENGINE P/N 3800278-2 AND ECB P/N 304640-1/-2. (REFER TO SB 304640-49-2193 FOR REWORK OF ECB)	X	N/A	N/A	CRS# UMCR407K JOB# A12-0056
49-5869, R1	REMOVE FUEL CONTROL UNIT	P/C/W	REMOVE FUEL CONTROL UNIT P/N 3882825-3/-4 AND REPLACE WITH P/N 3882825-5	X	N/A	N/A	CRS# UMCR407K JOB# A12-0056
49-5874, R1	INSTALLATION OF SHIMLESS MOTIONAL TRANSDUCER	P/C/W	REPLACE MOTIONAL TRANSDUCER P/N 3876123-1 WITH P/N 3876123-3	X	N/A	N/A	CRS# UMCR407K JOB# A12-0056
49-5875	REPLACEMENT OF RETAINER CAP AND BEARING RETAINER	N/A	REPLACEMENT OF RETAINER CAP P/N 3862721-1 WITH P/N 3862721-2 AND BEARING RETAINER P/N 3862731-1 WITH P/N 3862731-2	X	N/A	N/A	CRS# UMCR407K JOB# A12-0056



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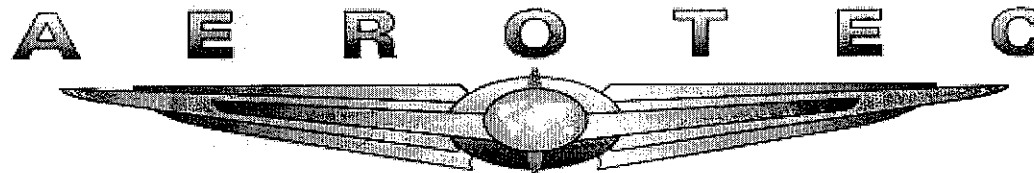
SERVICE BULLETIN COMPLIANCE RECORD

SB NUMBER	SUBJECT	DATE AND HOURS AT COMPLIANCE	METHOD OF COMPLIANCE	ONE-TIME	RECURRING	NEXT INSP. DUE DATE OR HOURS	VERIFIED/ COMPLIED WITH BY
49-5878, R1	REPLACE HIGH OIL TEMPERATURE SWITCH	P/C/W	REPLACE HIGH OIL TEMPERATURE SWITCH P/N 3876126-1 WITH P/N 3876126-3	X	N/A	N/A	CRS# UMCR407K JOB# A12-0056
49-5893, R1	REPLACE LOW OIL PRESSURE SWITCH	P/C/W	REPLACE LOW OIL PRESSURE SWITCH P/N 3876125-2/-3 WITH P/N 3876125-4	X	N/A	N/A	CRS# UMCR407K JOB# A12-0056
49-5918, R2	INCORPORATE REDESIGNED AIR-OIL SEPARATOR	N/A	INCORPORATE REDESIGNED AIR-OIL SEPARATOR	X	N/A	N/A	CRS# UMCR407K JOB# A12-0056
49-5933	REWORK LABYRINTH SEAL HOUSING	P/C/W	REWORK LABYRINTH SEAL HOUSING P/N 3826405-4 TO P/N 3826405-5	X	N/A	N/A	CRS# UMCR407K JOB# A12-0056
49-5937, R1	REPLACE SURGE DUCT CLAMP	P/C/W	REPLACE SURGE DUCT CLAMP P/N 211-522-9102 WITH P/N 211-020-9014	X	N/A	N/A	CRS# UMCR407K JOB# A12-0056
49-5938	INCORPORATE LOCK WIRE ON THE LOAD COMPRESSOR BEARING RETAINER	P/C/W	REPLACE BOLT P/N MS9556-21 WITH P/N MS9565-21 ON LOAD COMPRESSOR BEARING RETAINER P/N 3826404-2	X	N/A	N/A	CRS# UMCR407K JOB# A12-0056
49-5939	REWORK ENGINE COMPRESSOR HOUSING ASSEMBLY	P/C/W	REWORK ENGINE COMPRESSOR HOUSING ASSEMBLY P/N 3826651-3 TO P/N 3826808-1	X	N/A	N/A	CRS# UMCR407K JOB# A12-0056
49-5940	INSTALLATION OF FLOW DIVIDER TUBE ASSEMBLY	P/C/W	INSTALLATION OF FLOW DIVIDER TUBE ASSEMBLY P/N 3883351-1	X	N/A	N/A	CRS# UMCR407K JOB# A12-0056
49-5944	REPLACE FAN ASSEMBLY	P/C/W	REPLACE FAN ASSEMBLY P/N 3862665-8 WITH P/N 3862665-9	X	N/A	N/A	CRS# UMCR407K JOB# A12-0056
49-5946	REWORK INLET GUIDE VANE (IGV) HOUSING AND REIDENTIFY IGV HOUSING ASSEMBLY	P/C/W	REWORK INLET GUIDE VANE (IGV) HOUSING WITH P/N 3810371-1 TO P/N 3810371-2. REIDENTIFY IGV HOUSING ASSEMBLY TO P/N 3810316-2	X	N/A	N/A	CRS# UMCR407K JOB# A12-0056
49-5949	REWORK OR REPLACE TURBINE BEARING CARRIER	P/C/W	REWORK OR REPLACE TURBINE BEARING CARRIER P/N 3846521-1/-2 TO P/N 3846521-3/-4	X	N/A	N/A	CRS# UMCR407K JOB# A12-0056
49-5950	INCORPORATION OF MODIFICATIONS TO MAKE P/N 3800278-2 AMENDT AMD-A CONFIGURATION APU	P/C/W	INCORPORATION OF MODIFICATION TO MAKE P/N 3800278-2 AMENDT AMD-A CONFIGURATION APU	X	N/A	N/A	CRS# UMCR407K JOB# A12-0056
49-5969	INCORPORATE THERMOCOUPLE GROMMETS IN THE TURBINE PLENUM	P/C/W	INCORPORATE THERMOCOUPLE GROMMETS IN THE TURBINE PLENUM P/N 3846554-2	X	N/A	N/A	CRS# UMCR407K JOB# A12-0056



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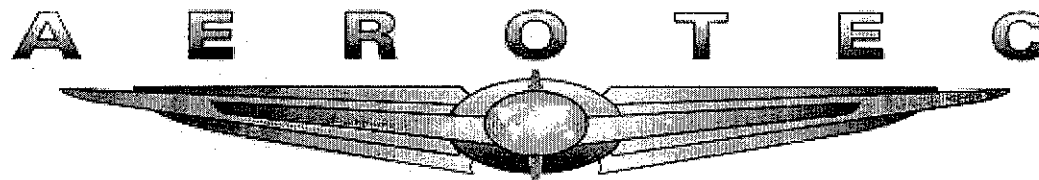
SERVICE BULLETIN COMPLIANCE RECORD							
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49-A5973, R2	INSTALL EXTERNAL SECONDARY TURBINE CONTAINMENT SHIELD	P/C/W	INSTALL EXTERNAL SECONDARY TURBINE CONTAINMENT SHIELD P/N 3615645-1	X	N/A	N/A	CRS# UMCR407K JOB# A12-0056
49-5975, R1	REPLACE OIL JET	P/C/W	REPLACE OIL JET P/N 3880895-1 WITH P/N 3881256-1	X	N/A	N/A	CRS# UMCR407K JOB# A12-0056
49-5976, R1	REWORK ENGINE COMPRESSOR ROTOR AND REPLACE DIFFUSER	P/C/W	REWORK ENGINE COMPRESSOR ROTOR P/N 3822251-4 AND REPLACE DIFFUSER P/N 3826641-1 WITH P/N 3826812-1	X	N/A	N/A	CRS# UMCR407K JOB# A12-0056
49-5985, R1	REPLACE INLET GUIDE VANE (IGV) ACTUATOR	P/C/W	REPLACE INLET GUIDE VANE (IGV) ACTUATOR P/N 3883220-1 WITH P/N 3886168-1 OR P/N 3883220-2	X	N/A	N/A	CRS# UMCR407K JOB# A12-0056
49-5991, R2	REPLACE VARIABLE VOLUME CHAMBER	P/C/W	REPLACE VARIABLE VOLUME CHAMBER P/N 3289618-1 WITH P/N 3290594-1	X	N/A	N/A	CRS# UMCR407K JOB# A12-0056
49-5993	REWORK TURBINE ROTOR	P/C/W	REWORK TURBINE ROTOR P/N 3842121-1/-3 TO P/N 3842121-2	X	N/A	N/A	CRS# UMCR407K JOB# A12-0056
49-6512, R2	REWORK HALF COUPLING SHAFTS	P/C/W	REWORK HALF COUPLING SHAFTS P/N 3842314-3/-4 TO P/N 3842141-1	X	N/A	N/A	CRS# UMCR407K JOB# A12-0056
49-6513, R1	INSPECTION AND REPLACEMENT OF GENERATOR LUBE OIL JET ATTACHMENT BOLT	11/07/2012 10,397 C/W	INSPECTION AND REPLACEMENT OF GENERATOR LUBE OIL JET ATTACHMENT BOLT P/N MS9556-06 WITH P/N MS9556-08	X	N/A	N/A	CRS# UMCR407K JOB# A12-0056
49-6514, R1	REPLACE LABYRINTH SEAL HOUSING	P/C/W	REPLACE LABYRINTH SEAL HOUSING P/N 3826405-5 WITH P/N 3826775-1	X	N/A	N/A	CRS# UMCR407K JOB# A12-0056
49-6515, R1	REPLACE TURBINE BACKSHROUD	P/C/W	REPLACE TURBINE BACKSHROUD P/N 3613968-1 WITH P/N 3613968-2	X	N/A	N/A	CRS# UMCR407K JOB# A12-0056
49-6516, R1	REPLACE LOAD COMPRESSOR BEARING CARRIER AND BEARING CARRIER ASSEMBLY	P/C/W	REPLACE LOAD COMPRESSOR BEARING CARRIER P/N 3826404-2 WITH P/N 3826829-1 AND BEARING CARRIER ASSEMBLY P/N 3826390-3 WITH P/N 3826820-1 OR P/N 3826828-1	X	N/A	N/A	CRS# UMCR407K JOB# A12-0056
49-6517, R2	REPLACE COMPOUND IDLER GEAR ASSEMBLY AND REPLACE/REWORK AIR-OIL SEPARATOR	P/C/W	REPLACE COMPOUND IDLER GEAR ASSEMBLY P/N 3860685-1 WITH REWORKED P/N 3615556-1. REPLACE AIR/OIL SEPARATOR P/N 3860762-1 WITH P/N 3615557-1 (REWORK) OR P/N 3860794-1 (NEW)	X	N/A	N/A	CRS# UMCR407K JOB# A12-0056
49-6518, R1	REPLACE ENGINE COMPRESSOR HOUSING	P/C/W	REPLACE ENGINE COMPRESSOR HOUSING P/N 3826808-1/-2 OR 3826651-3 WITH P/N 3826823-1	X	N/A	N/A	CRS# UMCR407K JOB# A12-0056



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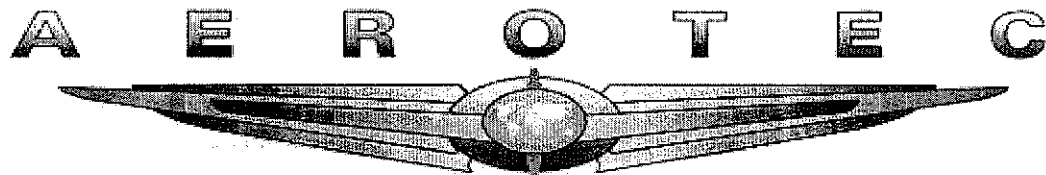
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49-6519, R1	REPLACE LOW OIL PRESSURE SWITCH	11/07/2012 10,397 C/W	REPLACE LOW OIL PRESSURE SWITCH P/N 3876125-4 WITH P/N 3876125-5	X	N/A	N/A	CRS# UMCRA407K JOB# A12-0056
49-6520, R3	REPLACE FAN ASSEMBLY	P/C/W	REPLACE FAN ASSEMBLY P/N 3862665-8/-9 WITH P/N 3862775-1	X	N/A	N/A	CRS# UMCRA407K JOB# A12-0056
49-6521, R2	REMOVE AND REPLACE FUEL FLOW DIVIDER	P/C/W	REMOVE AND REPLACE FUEL FLOW DIVIDER P/N 3882835-1/-2 WITH P/N 3882835-3/-4	X	N/A	N/A	CRS# UMCRA407K JOB# A12-0056
49-6525	REPLACE TURBINE PLENUM AND EXTERNAL CONTAINMENT SHIELD	P/C/W	REPLACE TURBINE PLENUM P/N 3846554-1/-2/-3 AND EXTERNAL CONTAINMENT SHIELD P/N 3615644-1 WITH TURBINE PLENUM P/N 3846638-1	X	N/A	N/A	CRS# UMCRA407K JOB# A12-0056
49-6526	REPAIR FOR INSULATION BLANKET	P/C/W	REPAIR FOR INSULATION BLANKET P/N 3846330-2 AND P/N 3846330-10 WITH P/N 3846641-2 AND P/N 3846641-3	X	N/A	N/A	CRS# UMCRA407K JOB# A12-0056
49-6527, R2	REWORK TURBINE ROTOR	P/C/W	REWORK TURBINE ROTOR P/N 3842121-1 TO P/N 3842121-3	X	N/A	N/A	CRS# UMCRA407K JOB# A12-0056
49-6539	MODIFICATION INCORPORATION TO CREATE P/N 3800278-2 (AMENDT AMD-B) APU	P/C/W	MODIFICATION INCORPORATION TO CREATE P/N 3800278-2 (AMENDT AMD-B) APU	X	N/A	N/A	CRS# UMCRA407K JOB# A12-0056
49-6542	REWORK CONTAINMENT SHIELD SEGMENT ASSEMBLIES	P/C/W	REWORK CONTAINMENT SHIELD SEGMENT ASSEMBLIES P/N 3826725-1 TO P/N 3826853-1 AND P/N 3826726-1 TO P/N 3826854-1	X	N/A	N/A	CRS# UMCRA407K JOB# A12-0056
49-6545	REPLACE SURGE CONTROL DUCT AND CLAMP	P/C/W	REPLACE SURGE CONTROL DUCT P/N 3884588-1 WITH P/N 3884769-1. REPLACE CLAMP P/N 211-020-9014 WITH P/N 211-507-9005	X	N/A	N/A	CRS# UMCRA407K JOB# A12-0056
49-6548, R1	OIL ANALYSIS AND FILTER EXAMINATION FOR WEAR DETECTION AT FRONT MAIN SHAFT BEARING CARRIER	P/C/W	OIL ANALYSIS AND FILTER EXAMINATION FOR DETECTION OF WEAR OF THE FRONT MAIN SHAFT BEARING CARRIER	X	N/A	N/A	CRS# UMCRA407K JOB# A12-0056
49-6549	INSTALLATION OF IMPROVED EXTERNAL SECONDARY CONTAINMENT SHIELDS	P/C/W	INSTALLATION OF IMPROVED EXTERNAL SECONDARY CONTAINMENT SHIELDS P/N 3615898-1 AND P/N 3615899-1	X	N/A	N/A	CRS# UMCRA407K JOB# A12-0056
49-6552	REWORK AND/OR REPLACE FUEL ATOMIZER SHROUDS	P/C/W	REWORK AND/OR REPLACE FUEL ATOMIZER SHROUDS P/N 3830354-1 OR -3 TO P/N 3830407-1	X	N/A	N/A	CRS# UMCRA407K JOB# A12-0056



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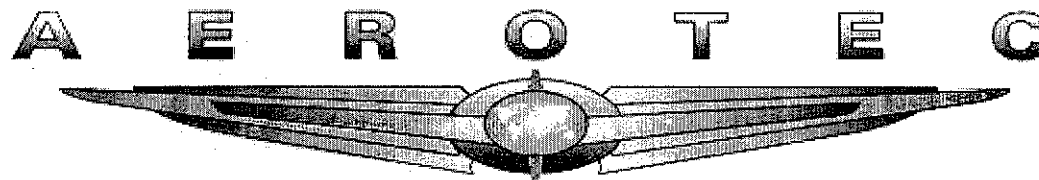
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49-6556	REWORK WIRING HARNESS	P/C/W	REWORK WIRING HARNESS P/N 3888212-9 TO P/N 3888167-1	X	N/A	N/A	CRS# UMCR407K JOB# A12-0056
49-6562	REWORK HIGH-SPEED PINION GEAR AND REIDENTIFY GEARBOX	P/C/W	REWORK HIGH-SPEED PINION GEAR P/N 3860520-3 TO P/N 3860520-4 AND REIDENTIFY GEARBOX P/N 3862750-3 TO P/N 3862750-4	X	N/A	N/A	CRS# UMCR407K JOB# A12-0056
49-6567	REWORK WIRING HARNESS	P/C/W	REWORK WIRING HARNESS P/N 3888212-8 TO P/N 3888212-9	X	N/A	N/A	CRS# UMCR407K JOB# A12-0056
49-6577	REWORK BRACKET	P/C/W	REWORK BRACKET P/N 3884518-1 TO P/N 3884518-2	X	N/A	N/A	CRS# UMCR407K JOB# A12-0056
49-6583	REWORK TURBINE PLENUM ASSEMBLY	P/C/W	REWORK TURBINE PLENUM ASSEMBLY P/N 3846554-3 TO P/N 3846638-1	X	N/A	N/A	CRS# UMCR407K JOB# A12-0056
49-6589	REWORK LOAD COMPRESSOR IMPELLER ASSEMBLY	P/C/W	REWORK LOAD COMPRESSOR IMPELLER P/N 3822270-1 TO P/N 3822270-3	X	N/A	N/A	CRS# UMCR407K JOB# A12-0056
49-6621	SECURE ENGINE COMPRESSOR CONTAINMENT SEGMENT ASSEMBLY	P/C/W	SECURE ENGINE COMPRESSOR CONTAINMENT SEGMENT ASSEMBLY P/N 3826725-1 AND 3826726-1	X	N/A	N/A	CRS# UMCR407K JOB# A12-0056
49-6629, R1	ATTACH DAMPERS	P/C/W	ATTACH DAMPERS P/N 3810696-1 TO THE INLET BELLMOUTH OF ENGINE COMPRESSOR HOUSING	X	N/A	N/A	CRS# UMCR407K JOB# A12-0056
49-6638	REPLACE TURBINE BEARING CAVITY VENT FITTING PACKING	11/07/2012 10,397 C/W	REPLACE TURBINE BEARING CAVITY VENT FITTING PACKING P/N S9413-112 WITH P/N 561-515-0022	X	N/A	N/A	CRS# UMCR407K JOB# A12-0056
49-6639, R1	REWORK GEARBOX ASSEMBLY	P/C/W	REWORK GEARBOX ASSEMBLY P/N 3862750-6 TO P/N 3862750-8 BY INCORPORATING AIR/OIL SEPARATOR P/N 3860863-1	X	N/A	N/A	CRS# UMCR407K JOB# A12-0056
49-A6642, R1	REPLACE ROTATING GROUP	P/C/W	REPLACE ROTATING GROUP P/N 3822252-14 WITH P/N 3822430-1	X	N/A	N/A	CRS# UMCR407K JOB# A12-0056
49-6643	REPLACE FUEL CONTROL UNIT	P/C/W	REPLACE FUEL CONTROL UNIT P/N 3882825-5 WITH P/N 3882825-6	X	N/A	N/A	CRS# UMCR407K JOB# A12-0056
49-6644, R1	REPLACE INLET GUIDE VANE ACTUATOR	P/C/W	REPLACE INLET GUIDE VANE ACTUATOR P/N 3883220-2 WITH P/N 3883220-3 OR P/N 3886168-1	X	N/A	N/A	CRS# UMCR407K JOB# A12-0056
49-6645, R1	REPLACE/REWORK AIR/OIL SEPARATOR GEAR ASSEMBLY (LIP SEAL)	11/07/2012 10,397 C/W	REPLACE/REWORK AIR/OIL SEPARATOR GEAR ASSEMBLY (LIP SEAL) P/N 3500219-3 OR 3862734-1 WITH FACE SEAL P/N 3863007-1	X	N/A	N/A	CRS# UMCR407K JOB# A12-0056



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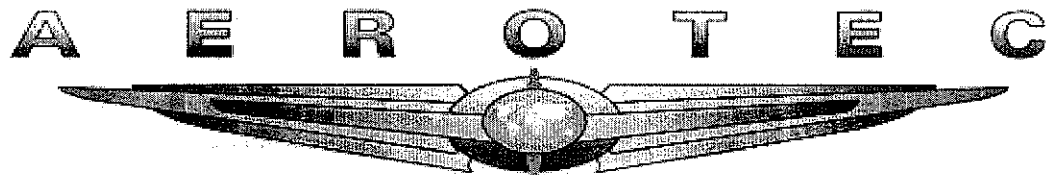
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49-6646	INCORPORATION OF LOW DRAG GEARBOX ASSEMBLY AND DUAL-WALLED VENT TUBE	P/C/W	INCORPORATION OF LOW DRAG GEARBOX ASSEMBLY P/N 3862750-7 AND DUAL-WALLED VENT TUBE P/N 3881374-1	X	N/A	N/A	CRS# UMCR407K JOB# A12-0056
49-6686, R1	REPLACE TURBINE CONTAINMENT AND REPLACE/REWORK TURBINE NOZZLE ASSEMBLIES	P/C/W	REPLACE TURBINE CONTAINMENT P/N 3846563-1 WITH P/N 3846563-2 AND REPLACE/REWORK TURBINE NOZZLE ASSEMBLIES P/N 3846450-4 WITH P/N 38464560-7 OR P/N 3846450-5 WITH P/N 3846450-6	X	N/A	N/A	CRS# UMCR407K JOB# A12-0056
49-6687, R2	CONVERT APU	P/C/W	CONVERT APU P/N 38400278-2 TO P/N 3800278-3	X	N/A	N/A	CRS# UMCR407K JOB# A12-0056
49-6702	INCORPORATION OF GEARBOX IMMERSION SUMP OIL HEATER AND WIRING HARNESS ASSEMBLY	P/C/W	INCORPORATION OF GEARBOX IMMERSION SUMP OIL HEATER P/N 3876145-1 AND WIRING HARNESS ASSEMBLY P/N 3888278-1 TO P/N 3888167-2	X	N/A	N/A	CRS# UMCR407K JOB# A12-0056
49-6703, R1	REPLACE SURGE CONTROL VALVE	P/C/W	REPLACE SURGE CONTROL VALVE P/N 3290050-2 WITH P/N 3290050-3	X	N/A	N/A	CRS# UMCR407K JOB# A12-0056
49-6704, R1	REPLACE COMBUSTOR	P/C/W	REPLACE COMBUSTOR P/N 3830349-4 WITH P/N 3830387-1	X	N/A	N/A	CRS# UMCR407K JOB# A12-0056
49-6716, R1	REPLACE STARTER MOTOR	N/C/W	REPLACE STARTER MOTOR P/N 2000860-2 WITH P/N 2000860-3 (INVALIDATED)	X	N/A	N/A	CRS# UMCR407K JOB# A12-0056
49-6737	REPLACE GEARBOX ASSEMBLY	N/A	REPLACE GEARBOX ASSEMBLY P/N 3862750-6 WITH P/N 3862750-8	X	N/A	N/A	CRS# UMCR407K JOB# A12-0056
49-6738	REPLACE CARBON FACE SEAL ASSEMBLY	P/C/W	REPLACE CARBON FACE SEAL ASSEMBLY P/N 3826450-5 WITH P/N 3826880-2	X	N/A	N/A	CRS# UMCR407K JOB# A12-0056
49-6769	REPLACE ELECTRONIC CONTROL BOX	UNABLE TO VERIFY AIRFRAME RELATED	REPLACE ELECTRONIC CONTROL BOX P/N 304640-2 WITH P/N 304640-3	X	N/A	N/A	CRS# UMCR407K JOB# A12-0056
49-6770, R1	REPLACE/REWORK COMPRESSOR INLET DUCT ASSEMBLY	P/C/W	REPLACE/REWORK COMPRESSOR INLET DUCT ASSEMBLY P/N 3810432-4 TO P/N 3810432-5	X	N/A	N/A	CRS# UMCR407K JOB# A12-0056
49-6776, R2	INCORPORATE DUAL- WALLED VENT TUBE KIT ON GEAR BOX ASSEMBLIES	N/A	INCORPORATE DUAL-WALLED VENT TUBE KIT P/N 3616442-1 ON GEARBOX ASSEMBLIES P/N 3862750-6/-8/-9	X	N/A	N/A	CRS# UMCR407K JOB# A12-0056



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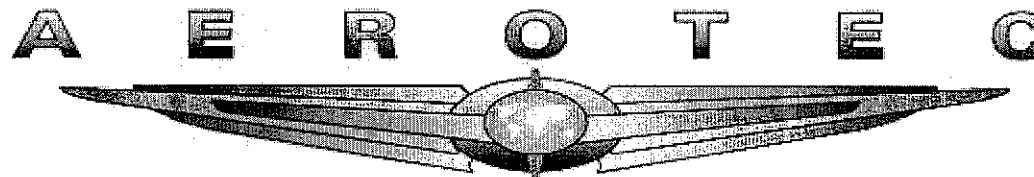
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49-6556	REWORK WIRING HARNESS	P/C/W	REWORK WIRING HARNESS P/N 3888212-9 TO P/N 3888167-1	X	N/A	N/A	CRS# UMCR407K JOB# A12-0056
49-6562	REWORK HIGH-SPEED PINION GEAR AND REIDENTIFY GEARBOX	P/C/W	REWORK HIGH-SPEED PINION GEAR P/N 3860520-3 TO P/N 3860520-4 AND REIDENTIFY GEARBOX P/N 3862750-3 TO P/N 3862750-4	X	N/A	N/A	CRS# UMCR407K JOB# A12-0056
49-6567	REWORK WIRING HARNESS	P/C/W	REWORK WIRING HARNESS P/N 3888212-8 TO P/N 3888212-9	X	N/A	N/A	CRS# UMCR407K JOB# A12-0056
49-6577	REWORK BRACKET	P/C/W	REWORK BRACKET P/N 3884518-1 TO P/N 3884518-2	X	N/A	N/A	CRS# UMCR407K JOB# A12-0056
49-6583	REWORK TURBINE PLENUM ASSEMBLY	P/C/W	REWORK TURBINE PLENUM ASSEMBLY P/N 3846554-3 TO P/N 3846638-1	X	N/A	N/A	CRS# UMCR407K JOB# A12-0056
49-6589	REWORK LOAD COMPRESSOR IMPELLER ASSEMBLY	P/C/W	REWORK LOAD COMPRESSOR IMPELLER P/N 3822270-1 TO P/N 3822270-3	X	N/A	N/A	CRS# UMCR407K JOB# A12-0056
49-6621	SECURE ENGINE COMPRESSOR CONTAINMENT SEGMENT ASSEMBLY	P/C/W	SECURE ENGINE COMPRESSOR CONTAINMENT SEGMENT ASSEMBLY P/N 3826725-1 AND 3826726-1	X	N/A	N/A	CRS# UMCR407K JOB# A12-0056
49-6629, R1	ATTACH DAMPERS	P/C/W	ATTACH DAMPERS P/N 3810696-1 TO THE INLET BELLMOUTH OF ENGINE COMPRESSOR HOUSING	X	N/A	N/A	CRS# UMCR407K JOB# A12-0056
49-6638	REPLACE TURBINE BEARING CAVITY VENT FITTING PACKING	11/07/2012 10,397 C/W	REPLACE TURBINE BEARING CAVITY VENT FITTING PACKING P/N S9413-112 WITH P/N 561-515-0022	X	N/A	N/A	CRS# UMCR407K JOB# A12-0056
49-6639, R1	REWORK GEARBOX ASSEMBLY	P/C/W	REWORK GEARBOX ASSEMBLY P/N 3862750-6 TO P/N 3862750-8 BY INCORPORATING AIR/OIL SEPARATOR P/N 3860863-1	X	N/A	N/A	CRS# UMCR407K JOB# A12-0056
49-A6642, R1	REPLACE ROTATING GROUP	P/C/W	REPLACE ROTATING GROUP P/N 3822252-14 WITH P/N 3822430-1	X	N/A	N/A	CRS# UMCR407K JOB# A12-0056
49-6643	REPLACE FUEL CONTROL UNIT	P/C/W	REPLACE FUEL CONTROL UNIT P/N 3882825-5 WITH P/N 3882825-6	X	N/A	N/A	CRS# UMCR407K JOB# A12-0056
49-6644, R1	REPLACE INLET GUIDE VANE ACTUATOR	P/C/W	REPLACE INLET GUIDE VANE ACTUATOR P/N 3883220-2 WITH P/N 3883220-3 OR P/N 3886168-1	X	N/A	N/A	CRS# UMCR407K JOB# A12-0056
49-6645, R1	REPLACE/REWORK AIR/OIL SEPARATOR GEAR ASSEMBLY (LIP SEAL)	11/07/2012 10,397 C/W	REPLACE/REWORK AIR/OIL SEPARATOR GEAR ASSEMBLY (LIP SEAL) P/N 3500219-3 OR 3862734-1 WITH FACE SEAL P/N 3863007-1	X	N/A	N/A	CRS# UMCR407K JOB# A12-0056



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SERVICE BULLETIN COMPLIANCE RECORD

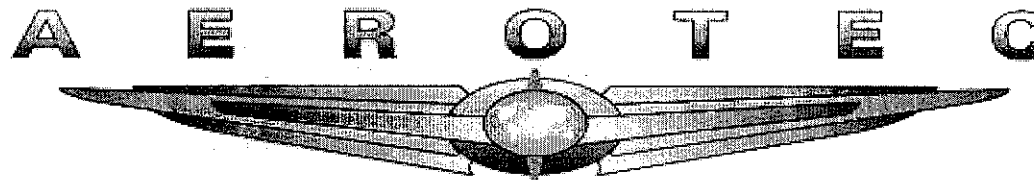
SB NUMBER	SUBJECT	DATE AND HOURS AT COMPLIANCE	METHOD OF COMPLIANCE	ONE-TIME	RECURRING	NEXT INSP. DUE DATE OR HOURS	VERIFIED/ COMPLIED WITH BY
49-6646	INCORPORATION OF LOW DRAG GEARBOX ASSEMBLY AND DUAL-WALLED VENT TUBE	P/C/W	INCORPORATION OF LOW DRAG GEARBOX ASSEMBLY P/N 3862750-7 AND DUAL-WALLED VENT TUBE P/N 3881374-1	X	N/A	N/A	CRS# UMCR407K JOB# A12-0056
49-6686, R1	REPLACE TURBINE CONTAINMENT AND REPLACE/REWORK TURBINE NOZZLE ASSEMBLIES	P/C/W	REPLACE TURBINE CONTAINMENT P/N 3846563-1 WITH P/N 3846563-2 AND REPLACE/REWORK TURBINE NOZZLE ASSEMBLIES P/N 3846450-4 WITH P/N 38464560-7 OR P/N 3846450-5 WITH P/N 3846450-6	X	N/A	N/A	CRS# UMCR407K JOB# A12-0056
49-6687, R2	CONVERT APU	P/C/W	CONVERT APU P/N 38400278-2 TO P/N 3800278-3	X	N/A	N/A	CRS# UMCR407K JOB# A12-0056
49-6702	INCORPORATION OF GEARBOX IMMERSION SUMP OIL HEATER AND WIRING HARNESS ASSEMBLY	P/C/W	INCORPORATION OF GEARBOX IMMERSION SUMP OIL HEATER P/N 3876145-1 AND WIRING HARNESS ASSEMBLY P/N 3888278-1 TO P/N 3888167-2	X	N/A	N/A	CRS# UMCR407K JOB# A12-0056
49-6703, R1	REPLACE SURGE CONTROL VALVE	P/C/W	REPLACE SURGE CONTROL VALVE P/N 3290050-2 WITH P/N 3290050-3	X	N/A	N/A	CRS# UMCR407K JOB# A12-0056
49-6704, R1	REPLACE COMBUSTOR	P/C/W	REPLACE COMBUSTOR P/N 3830349-4 WITH P/N 3830387-1	X	N/A	N/A	CRS# UMCR407K JOB# A12-0056
49-6716, R1	REPLACE STARTER MOTOR	N/C/W	REPLACE STARTER MOTOR P/N 2000860-2 WITH P/N 2000860-3 (INVALIDATED)	X	N/A	N/A	CRS# UMCR407K JOB# A12-0056
49-6737	REPLACE GEARBOX ASSEMBLY	N/A	REPLACE GEARBOX ASSEMBLY P/N 3862750-6 WITH P/N 3862750-8	X	N/A	N/A	CRS# UMCR407K JOB# A12-0056
49-6738	REPLACE CARBON FACE SEAL ASSEMBLY	P/C/W	REPLACE CARBON FACE SEAL ASSEMBLY P/N 3826450-5 WITH P/N 3826880-2	X	N/A	N/A	CRS# UMCR407K JOB# A12-0056
49-6769	REPLACE ELECTRONIC CONTROL BOX	UNABLE TO VERIFY AIRFRAME RELATED	REPLACE ELECTRONIC CONTROL BOX P/N 304640-2 WITH P/N 304640-3	X	N/A	N/A	CRS# UMCR407K JOB# A12-0056
49-6770, R1	REPLACE/REWORK COMPRESSOR INLET DUCT ASSEMBLY	P/C/W	REPLACE/REWORK COMPRESSOR INLET DUCT ASSEMBLY P/N 3810432-4 TO P/N 3810432-5	X	N/A	N/A	CRS# UMCR407K JOB# A12-0056
49-6776, R2	INCORPORATE DUAL- WALLED VENT TUBE KIT ON GEAR BOX ASSEMBLIES	N/A	INCORPORATE DUAL-WALLED VENT TUBE KIT P/N 3616442-1 ON GEARBOX ASSEMBLIES P/N 3862750-6/-8/-9	X	N/A	N/A	CRS# UMCR407K JOB# A12-0056



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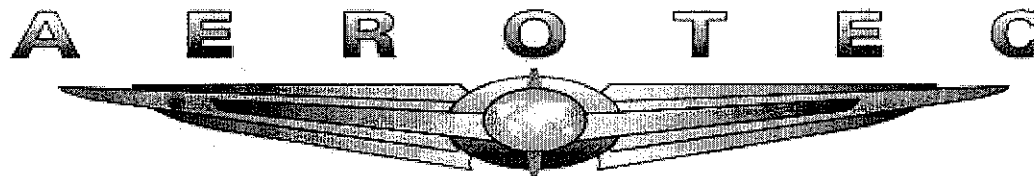
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49-6781	REPLACE LOAD COMPRESSOR IMPELLER	P/C/W	REPLACE LOAD COMPRESSOR IMPELLER P/N 3822270-4 WITH P/N 3822270-5	X	N/A	N/A	CRS# UMCR407K JOB# A12-0056
49-6784	REPLACE TURBINE ROTOR	P/C/W	REPLACE TURBINE ROTOR P/N 3842121-2 WITH TURBINE ROTOR P/N 3842345-1	X	N/A	N/A	CRS# UMCR407K JOB# A12-0056
49-6804, R1	REWORK/REPLACE INLET GUIDE VANE ACTUATOR TUBE ASSEMBLY	P/C/W	REWORK/REPLACE INLET GUIDE VANE ACTUATOR TUBE ASSEMBLY P/N 3810410-1 WITH/TO P/N 3810410-2	X	N/A	N/A	CRS# UMCR407K JOB# A12-0056
49-6812, R7	CONVERT APU	P/C/W	CONVERT APU P/N 38400278-3 TO P/N 38400278-4	X	N/A	N/A	CRS# UMCR407K JOB# A12-0056
49-6815	REPLACE FUEL CONTROL UNIT	P/C/W	REPLACE FUEL CONTROL UNIT P/N 3882825-6 WITH P/N 3882825-8	X	N/A	N/A	CRS# UMCR407K JOB# A12-0056
49-6825	REPLACE/REIDENTIFY TURBINE PLENUM INSULATION BLANKET	P/C/W	REPLACE/REIDENTIFY TURBINE PLENUM INSULATION BLANKET P/N 3846330-11 OR SUB-ASSEMBLIES WITH/TO P/N 3846641-1 AND SUB-ASSEMBLIES	X	N/A	N/A	CRS# UMCR407K JOB# A12-0056
49-6828	REPLACE/REWORK LOAD COMPRESSOR SCROLL HOUSING	P/C/W	REPLACE LOAD COMPRESSOR SCROLL HOUSING P/N 3810315-3 WITH P/N 3810315-4 OR REWORK TO P/N 3810315-5	X	N/A	N/A	CRS# UMCR407K JOB# A12-0056
49-6856, R3	REWORK OF CONTAINMENT RING	P/C/W	REWORK OF CONTAINMENT RING P/N 3846563-2	X	N/A	N/A	CRS# UMCR407K JOB# A12-0056
49-6862	ADD SEALANT BETWEEN THE DRIVE COMPRESSOR SHROUD AND INLET GUIDE VANE COVER	11/07/2012 10,397 C/W	ADD SEALANT BETWEEN THE DRIVEN COMPRESSOR SHROUD P/N 3826589-2 OR P/N 3826754-2 AND THE INLET GUIDE VANE COVER P/N 3810324-1	X	N/A	N/A	CRS# UMCR407K JOB# A12-0056
49-6869	REPLACE COOLING FAN ASSEMBLY	P/C/W	REPLACE COOLING FAN ASSEMBLY P/N 3862775-1 WITH P/N 3862775-2	X	N/A	N/A	CRS# UMCR407K JOB# A12-0056
49-6883	REPLACE OMNI "C" SEAL	P/C/W	REPLACE OMNI "C" SEAL P/N 3846520-1 AND BEARING SPACER P/N 3846523-1 WITH TURBINE BEARING SPACER P/N 3846640-1	X	N/A	N/A	CRS# UMCR407K JOB# A12-0056
49-6885, R1	REWORK/REPLACE TURBINE BEARING CARRIER ASSEMBLY	P/C/W	REWORK/REPLACE TURBINE BEARING CARRIER ASSEMBLY P/N 3846621-1 WITH/TO P/N 3846621-2 OR REWORK P/N 3846521-4 TO P/N 3846521-5	X	N/A	N/A	CRS# UMCR407K JOB# A12-0056
49-6886	REWORK/REPLACE INLET GUIDE VANE HOUSING ASSEMBLY	P/C/W	REWORK/REPLACE INLET GUIDE VANE HOUSING ASSEMBLY P/N 3810316-2 TO/WITH P/N 3810316-4	X	N/A	N/A	CRS# UMCR407K JOB# A12-0056



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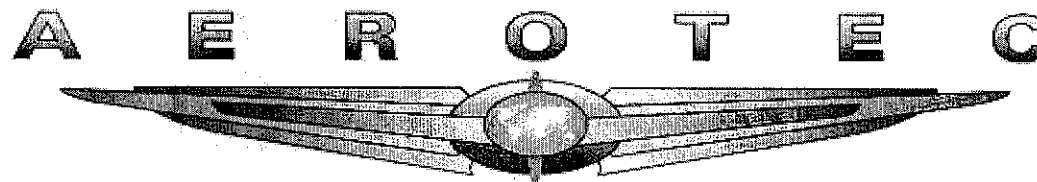
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49-6891	REPLACE LOAD COMPRESSOR BEARING CARRIER ASSEMBLY	P/C/W	REPLACE LOAD COMPRESSOR BEARING CARRIER ASSEMBLY P/N 3826829-1 WITH P/N 3827227-1	X	N/A	N/A	CRS# UMCR407K JOB# A12-0056
49-6902	REPLACE ELECTRONIC CONTROL BOX	UNABLE TO VERIFY AIRFRAME RELATED	REPLACE ELECTRONIC CONTROL BOX P/N 304640-3 WITH P/N 304817-1	X	N/A	N/A	CRS# UMCR407K JOB# A12-0056
49-6905, R1	REPLACE/REWORK ENGINE COMPRESSOR HOUSING ASSEMBLY	P/C/W	REPLACE/REWORK ENGINE COMPRESSOR HOUSING ASSEMBLY P/N 3826823-1/-2/-3 TO P/N 3826823-4	X	N/A	N/A	CRS# UMCR407K JOB# A12-0056
49-6968	REPLACE COOLING FAN ASSEMBLY	P/C/W	REPLACE COOLING FAN ASSEMBLY P/N 3862775-1/-2 WITH P/N 3862775-3	X	N/A	N/A	CRS# UMCR407K JOB# A12-0056
49-6969, R1	REWORK TURBINE HOUSING ASSEMBLY	P/C/W	REWORK TURBINE HOUSING ASSEMBLY P/N 3846554-3 TO P/N 3846554-7 OR P/N 3846638-1 TO P/N 3846638-3	X	N/A	N/A	CRS# UMCR407K JOB# A12-0056
49-6979, R1	REPLACE LOAD CONTROL VALVE	P/C/W	REPLACE LOAD CONTROL VALVE P/N 3290052-2 WITH P/N 3290052-3	X	N/A	N/A	CRS# UMCR407K JOB# A12-0056
49-7051	REPLACE SURGE CONTROL VALVE	P/C/W	REPLACE SURGE CONTROL VALVE P/N 3290050-3 WITH P/N 3290050-4	X	N/A	N/A	CRS# UMCR407K JOB# A12-0056
49-7054	REPLACE FUEL CONTROL UNIT	P/C/W	REPLACE FUEL CONTROL UNIT P/N 3882825-8 WITH P/N 3882825-9	X	N/A	N/A	CRS# UMCR407K JOB# A12-0056
49-7064, R1	REWORK/REPLACE TURBINE HOUSING ASSEMBLY	P/C/W	REWORK/REPLACE TURBINE HOUSING ASSEMBLY P/N 3846554-3 TO P/N 3846638-1 OR P/N 3846638-1 TO P/N 3846638-3 ALSO REPLACE ELBOW P/N MS24394J8 WITH P/N 3616823-1	X	N/A	N/A	CRS# UMCR407K JOB# A12-0056
49-7095, R1	REPLACE SEAL ASSEMBLY	P/C/W	REPLACE SEAL ASSEMBLY P/N 3826880-2 WITH P/N 3826880-3	X	N/A	N/A	CRS# UMCR407K JOB# A12-0056
49-7105, R1	INCORPORATE FUEL DRAIN PORT CHECK VALVE AND TUBE ASSEMBLY	P/C/W	INCORPORATE FUEL DRAIN PORT CHECK VALVE P/N 771-534-9363 AND TUBE ASSEMBLY P/N 3616891-1	X	N/A	N/A	CRS# UMCR407K JOB# A12-0056
49-7117	REPLACE COMBUSTION CHAMBER	P/C/W	REPLACE COMBUSTION CHAMBER P/N 3830387-1 WITH P/N 3830387-3	X	N/A	N/A	CRS# UMCR407K JOB# A12-0056
49-7118, R1	REMOVAL OF OIL FILL SCOOP	P/C/W	REMOVAL OF OIL FILL SCOOP P/N 3862749-1 FROM GEARBOX ASSEMBLIES P/N 3862750-7/-8/-9	X	N/A	N/A	CRS# UMCR407K JOB# A12-0056
49-7167	REPLACE SUMP VENT TUBE	P/C/W	REPLACE SUMP VENT TUBE P/N 3613170-1 WITH P/N 3613992-1 ON PLUMBING ASSEMBLY P/N 3616211-1	X	N/A	N/A	CRS# UMCR407K JOB# A12-0056



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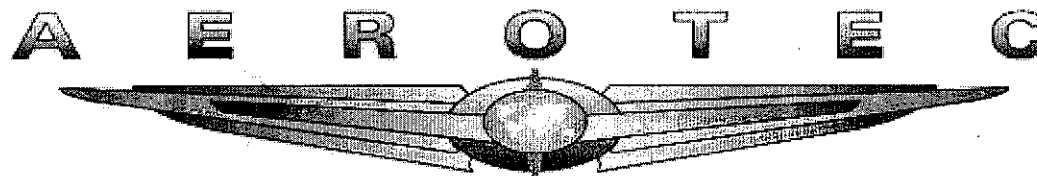
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49-7174, R2	INCORPORATE PACKING	11/07/2012 10,397 C/W	INCORPORATE PACKING P/N 561-515-0003 ON THE OIL SCAVENGE TUBE FITTING AND PACKING P/N 561-515-0011 ON TURBINE BEARING TUBE FITTING	X	N/A	N/A	CRS# UMCR407K JOB# A12-0056
49-7179	INCORPORATE A LOAD COMPRESSOR BEARING CAVITY DRAIN	P/C/W	INCORPORATE A LOAD COMPRESSOR BEARING CAVITY DRAIN	X	N/A	N/A	CRS# UMCR407K JOB# A12-0056
49-7190, R1	REPLACE OIL COOLER TUBE	P/C/W	REPLACE OIL COOLER TUBE P/N 3614287-1 WITH HOSE ASSEMBLY P/N 3617123-1 AND OIL COOLER TUBE P/N 3614288-1 WITH HOSE ASSEMBLY P/N 3617124-1 AND RETAINER P/N 3880839-1 WITH P/N 3881709-1 ON PLUMBING AND ELECTRICAL (P&E) INSTALLATION P/N'S 3614543-1, 3616210-1, 3616211-1 AND 3617096-1	X	N/A	N/A	CRS# UMCR407K JOB# A12-0056
49-7201	REMOVE/REPLACE TURBINE BACKSHROUD SHIMS	N/C/W	REMOVE/REPLACE TURBINE BACKSHROUD SHIMS P/N 3846480-1/-2/-3/-4/-5 WITH P/N 3846670-1/-2/-3/-4/-5	X	N/A	N/A	CRS# UMCR407K JOB# A12-0056
49-7202	REPLACE ELECTRONIC CONTROL BOX	UNABLE TO VERIFY AIRFRAME RELATED	REPLACE ELECTRONIC CONTROL BOX (ECB) P/N 304817-1 WITH P/N 304817-2	X	N/A	N/A	CRS# UMCR407K JOB# A12-0056
49-7203, R1	INCORPORATE APU LUBE FILTER DELTA 'P' SWITCH AUTO-SHUTDOWN SYSTEM COMPONENTS	P/C/W	INCORPORATE APU LUBE FILTER DELTA 'P' SWITCH AUTO-SHUTDOWN SYSTEM COMPONENTS	X	N/A	N/A	CRS# UMCR407K JOB# A12-0056
49-7231, R1	REWORK TURBINE HOUSING	P/C/W	REWORK TURBINE HOUSING P/N 3846554-3 OR P/N 3846638-1 TO REDUCE GEARBOX PRESSURE AND ELIMINATE THERMOCOUPLE GROMMET AND REPLACE ELBOW P/N MS24394J8 WITH P/N 3616823-1	X	N/A	N/A	CRS# UMCR407K JOB# A12-0056
49-7236	ONE TIME INSPECTION OF EXTERNAL LUBRICATION TUBE B-NUTS TO ENSURE PROPER TORQUE	P/C/W	ONE TIME INSPECTION OF EXTERNAL LUBRICATION TUBE B-NUTS TO ENSURE PROPER TORQUE	X	N/A	N/A	CRS# UMCR407K JOB# A12-0056
49-7245	REPLACE ELECTRONIC CONTROL BOX	UNABLE TO VERIFY AIRFRAME RELATED	REPLACE ELECTRONIC CONTROL BOX (ECB) P/N 304640-3 WITH P/N 304640-4	X	N/A	N/A	CRS# UMCR407K JOB# A12-0056



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49-7246	REPLACE INLET GUIDE VANE DRAIN TUBE ASSEMBLY	P/C/W	REPLACE INLET GUIDE VANE DRAIN TUBE ASSEMBLY P/N 3614286-1 WITH P/N 3617112-1 AND P/N 3614264-1 WITH P/N 3617113-1	X	N/A	N/A	CRS# UMC407K JOB# A12-0056
49-7253, R1	ADD OIL OVERFILL WARNING PLACARD	P/C/W	ADD OIL OVERFILL WARNING PLACARD P/N S9888-3	X	N/A	N/A	CRS# UMC407K JOB# A12-0056
49-7258, R1	REPLACE BOLT	P/C/W	REPLACE BOLT P/N MS9565-09 WITH P/N MS9565-08	X	N/A	N/A	CRS# UMC407K JOB# A12-0056
49-7287	REPLACE SEAL ASSEMBLY	P/C/W	REPLACE SEAL ASSEMBLY P/N 3826880-2/-3 WITH P/N 3826450-5	X	N/A	N/A	CRS# UMC407K JOB# A12-0056
49-7289	REWORK GENERATOR FILTER ASSEMBLY	N/C/W	REWORK GENERATOR FILTER ASSEMBLY P/N 3880694-1 TO P/N 3880694-6	X	N/A	N/A	CRS# UMC407K JOB# A12-0056
49-7290, R1	REWORK WIRING HARNESS ASSEMBLY	N/C/W	REWORK WIRING HARNESS ASSEMBLY P/N 3888278-1 TO P/N 3888278-2 OR WIRING HARNESS ASSEMBLY P/N 3888167-1 TO P/N 3888167-3 OR WIRING HARNESS ASSEMBLY P/N 3888167-2 TO P/N 3888167-4	X	N/A	N/A	CRS# UMC407K JOB# A12-0056
49-7291	REPLACE/REWORK COMPRESSOR INLET DUCT ASSEMBLY (INLET PLENUM ASSEMBLY)	P/C/W	REPLACE/REWORK COMPRESSOR INLET DUCT ASSEMBLY (INLET PLENUM ASSEMBLY) P/N 3810432-5 TO P/N 3810432-6	X	N/A	N/A	CRS# UMC407K JOB# A12-0056
49-7307, R1	INCORPORATION OF L/C IMPELLER CURVIC SEAL GASKET	11/07/2012 10,397 C/W	INCORPORATION OF L/C IMPELLER CURVIC SEAL GASKET P/N 3617088-1	X	N/A	N/A	CRS# UMC407K JOB# A12-0056
49-7323	REPLACE TUBE ASSEMBLY	P/C/W	REPLACE TUBE ASSEMBLY P/N 3612873-1 AND P/N 3616213-1 WITH P/N 3617116-1 AND P/N 3617115-1 RESPECTIVELY. REMOVE CLAMP SET BETWEEN THE TUBE ASSEMBLIES	X	N/A	N/A	CRS# UMC407K JOB# A12-0056
49-7351	REPLACE STARTER ASSEMBLY	N/C/W	REPLACE STARTER ASSEMBLY P/N 2704506-1 OR P/N 2000866-2 WITH STARTER ASSEMBLY P/N 2704506-2 OR P/N 2000866-4	X	N/A	N/A	CRS# UMC407K JOB# A12-0056
49-7390, R1	REPLACE/REWORK ENGINE COMPRESSOR HOUSING ASSEMBLY	P/C/W	REPLACE/REWORK ENGINE COMPRESSOR HOUSING ASSEMBLY P/N 3826823-4 TO P/N 3826823-3	X	N/A	N/A	CRS# UMC407K JOB# A12-0056

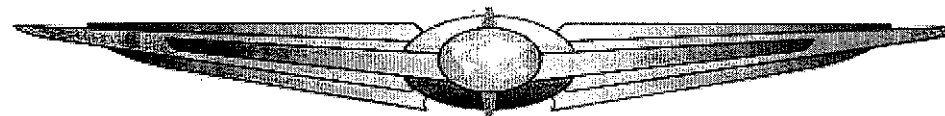


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SB NUMBER	SUBJECT	DATE AND HOURS AT COMPLIANCE	METHOD OF COMPLIANCE	ONE-TIME	RECURRING	NEXT INSP. DUE DATE OR HOURS	VERIFIED/ COMPLIED WITH BY
49-7397, R3	REPLACE/REWORK BEARING CARRIER AND INCORPORATE IMPROVED SCAVENGE, HYDRAULIC MOUNT HARDWARE, REPLACE LOAD COMPRESSOR DIFFUSER SPECIAL BOLTS AND REPLACE LOAD COMPRESSOR BEARING	P/C/W	REPLACE/REWORK BEARING CARRIER P/N 3826820-2 WITH/TO P/N 3826820-3 AND INCORPORATE IMPROVED SCAVENGE AND HYDRAULIC MOUNT HARDWARE AND REPLACE LOAD COMPRESSOR DIFFUSER SPECIAL BOLTS P/N 3826684-1 WITH P/N 3827509-1 AND REPLACE LOAD COMPRESSOR BEARING P/N 3822224-1 WITH P/N 3822546-1	X	N/A	N/A	CRS# UMCR407K JOB# A12-0056
49-7427, R1	REPLACE/REWORK BUFFER AIR SYSTEM HARDWARE WITH IMPROVED BUFFER AIR SYSTEM HARDWARE	P/C/W	REPLACE/REWORK BUFFER AIR SYSTEM HARDWARE WITH IMPROVED BUFFER AIR SYSTEM HARDWARE TO INCLUDE LABYRINTH SEAL HSG, LABYRINTH SEAL, COUPLING SEAL ASSEMBLY TRANSFER TUBE , TUBES FITTINGS AND RELOCATION OF SHUT OFF VALVE	X	N/A	N/A	CRS# UMCR407K JOB# A12-0056
49-7445	REPLACE TURBINE BACKSHROUD	P/C/W	REPLACE TURBINE BACKSHROUD P/N 3613968-2 WITH TURBINE BACKSHROUD P/N 3846688-1	X	N/A	N/A	CRS# UMCR407K JOB# A12-0056
49-7454	INSTALLATION OF INLET GUIDE VANE ASSEMBLY	P/C/W	INSTALLATION OF INLET GUIDE VANE ASSEMBLY P/N 3810910-1, INLET GUIDE VANE (IGV) CAVITY SEAL P/N 3810916-1 AND IGV SUPPORT RING P/N 3617448-1	X	N/A	N/A	CRS# UMCR407K JOB# A12-0056
49-7471, R3	INCORPORATE LOAD COMPRESSOR CONTAINMENT SHIELD KIT	P/C/W	INCORPORATE LOAD COMPRESSOR CONTAINMENT SHIELD KIT P/N 3617743-1	X	N/A	N/A	CRS# UMCR407K JOB# A12-0056
49-7493, R1	ONE TIME INSPECTION OF DART TURBINE WHEEL	P/C/W	ONE TIME INSPECTION OF DART TURBINE WHEEL P/N 3842146-1 FOR BRAZE CONTAMINATION OF BONDLINE	X	N/A	N/A	CRS# UMCR407K JOB# A12-0056
49-7582	REPLACE SEAL ASSEMBLY AND ROTOR	11/07/2012 10,397 C/W	REPLACE SEAL ASSEMBLY P/N 3826450-5 WITH P/N 3827514-4 AND ROTOR P/N 3822169-1 WITH P/N 3822549-1	X	N/A	N/A	CRS# UMCR407K JOB# A12-0056
49-7584	REPLACE LOAD COMPRESSOR IMPELLER	P/C/W	REPLACE LOAD COMPRESSOR IMPELLER P/N 3822270-4/-5 WITH P/N 3822587-1	X	N/A	N/A	CRS# UMCR407K JOB# A12-0056
49-7617	REPLACE DE-OIL VALVE AND DE-OIL TUBE ASSEMBLY	P/C/W	REPLACE DE-OIL VALVE P/N 3876136-1 AND DE-OIL TUBE ASSEMBLY P/N 3612873-1 OR 3617116-1 WITH DE-OIL VALVE PARTS KIT P/N 3618077-1	X	N/A	N/A	CRS# UMCR407K JOB# A12-0056

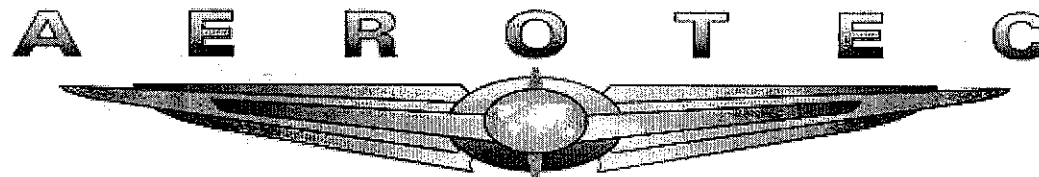
A E R O T E C



INTERNATIONAL FAA REPAIR STATION UMC407K

SERVICE BULLETIN COMPLIANCE RECORD

SB NUMBER	SUBJECT	DATE AND HOURS AT COMPLIANCE	METHOD OF COMPLIANCE	ONE-TIME	RECURRING	NEXT INSP. DUE DATE OR HOURS	VERIFIED/ COMPLIED WITH BY
49-7622, R1	REPLACE/REWORK INLET PLENUM	P/C/W	REPLACE/REWORK INLET PLENUM P/N 3810432-6 WITH/TO P/N 3810432-7 BY REPLACING INLET SEAL P/N 3810436-1 WITH P/N 3810962-1	X	N/A	N/A	CRS# UMC407K JOB# A12-0056
49-7650	REMOVE AND REPLACE PACKING	11/07/2012 10,397 C/W	REMOVE AND REPLACE PACKING P/N 3615648-1 WITH SEAL P/N 3617970-1	X	N/A	N/A	CRS# UMC407K JOB# A12-0056
49-7684	INSTALL CLAMP, BOLT, AND NUT	P/C/W	INSTALL CLAMP P/N 211-592-9004 CLAMP P/N 211-592-9006 BOLT P/N MS9556-04 AND NUT P/N MS21043-03 TO PREVENT FUEL LINE CHAFING	X	N/A	N/A	CRS# UMC407K JOB# A12-0056
49-7733	INSTALL DUAL-ALLOY RADIAL TURBINE DART ROTOR	P/C/W	INSTALL DUAL-ALLOY RADIAL TURBINE DART ROTOR P/N 3842146-2 IN PLACE OF P/N 3842146-1	X	N/A	N/A	CRS# UMC407K JOB# A12-0056
GTE0663	TO REPLACE CONTAINMENT RING AND TURBINE NOZZLE ASSEMBLY	P/C/W	TO REPLACE CONTAINMENT RING P/N 3846293-1 WITH CONTAINMENT RING P/N 3846563-1 AND REPLACE TURBINE NOZZLE ASSEMBLY P/N 3846450-3 WITH TURBINE NOZZLE ASSEMBLY P/N 3846450-4	X	N/A	N/A	CRS# UMC407K JOB# A12-0056
GTE0725	REPLACE CALIBRATED SENSOR	P/C/W	REPLACE CALIBRATED SENSOR P/N 3884591-1 WITH P/N 3884591-2	X	N/A	N/A	CRS# UMC407K JOB# A12-0056
GTE0740	ADD STARTER CLUTCH ASSEMBLY	N/A	ADD STARTER CLUTCH ASSEMBLY P/N 3860798-1 AND SPRING WASHER P/N 3862944-1	X	N/A	N/A	CRS# UMC407K JOB# A12-0056
GTE0750	ADD HOSE ASSEMBLY	P/C/W	ADD HOSE ASSEMBLY P/N 3884627-2	X	N/A	N/A	CRS# UMC407K JOB# A12-0056
GTE0751	ADD NUT	11/07/2012 10,397 C/W	ADD NUT P/N MS21043-3	X	N/A	N/A	CRS# UMC407K JOB# A12-0056
GTE0752	ADD TURBINE PLENUM ASSEMBLY	P/C/W	ADD TURBINE PLENUM ASSEMBLY P/N 3846554-3	X	N/A	N/A	CRS# UMC407K JOB# A12-0056
GTE0779	REPLACE EXISTING LOAD COMPRESSOR IMPELLER AND DAMPER RING	P/C/W	REPLACE EXISTING LOAD COMPRESSOR IMPELLER P/N 3822270-1 WITH P/N 3822270-3 AND REPLACE DAMPER RING P/N MS27426-3193D WITH P/N 3616063-1	X	N/A	N/A	CRS# UMC407K JOB# A12-0056
GTE0779, R1	DELETE DAMPER RING P/N 3616063-1	P/C/W	DELETE DAMPER RING P/N 3616063-1	X	N/A	N/A	CRS# UMC407K JOB# A12-0056
GTE0804	REPLACE TURBINE SEAL ASSEMBLY	11/07/2012 10,397 C/W	REPLACE TURBINE SEAL ASSEMBLY P/N 3846528-3 WITH P/N 3846528-5	X	N/A	N/A	CRS# UMC407K JOB# A12-0056

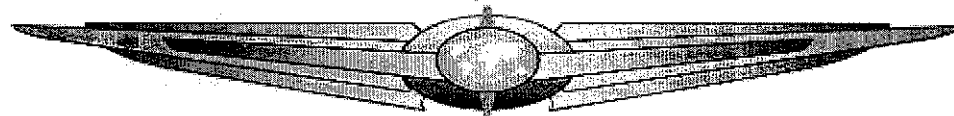


**I N T E R N A T I O N A L
FAA REPAIR STATION UMCR407K**

SERVICE BULLETIN COMPLIANCE RECORD

SB NUMBER	SUBJECT	DATE AND HOURS AT COMPLIANCE	METHOD OF COMPLIANCE	ONE-TIME	RECURRING	NEXT INSP. DUE DATE OR HOURS	VERIFIED/ COMPLIED WITH BY
GTE0805	REPLACE TURBINE SEAL ASSEMBLY	N/C/W	REPLACE TURBINE SEAL ASSEMBLY P/N 3846528-4 WITH P/N 3846528-6	X	N/A	N/A	CRS# UMCR407K JOB# A12-0056
GTE0937, R1	PROVIDE AUTHORITY TO USE LOAD COMPRESSOR IMPELLER FOR ROTATING GROUP P/N 3822430-3 ONLY	P/C/W	PROVIDE AUTHORITY TO USE LOAD COMPRESSOR ROTOR P/N 3822270-4 IN PLACE OF P/N 3822270-5 FOR ROTATING GROUP P/N 3822430-3 ONLY	X	N/A	N/A	CRS# UMCR407K JOB# A12-0056
GTE0958	OIL PICKUP TUBE	P/C/W	OIL PICKUP TUBE P/N 3862612-3 MAY BE USED AS ALTERNATE OIL PICKUP TUBE ASSEMBLY P/N 3862612-2	X	N/A	N/A	CRS# UMCR407K JOB# A12-0056
GTE0963	TO PROVIDE AUTHORIZATION TO REPLACE PACKING	P/C/W	TO PROVIDE AUTHORIZATION TO REPLACE PACKING P/N NAS1532C3E AND P/N S8990-008 WITH P/N 3615648-1	X	N/A	N/A	CRS# UMCR407K JOB# A12-0056
GTE0972	TO PROVIDE AUTHORITY TO USE BOLT	P/C/W	TO PROVIDE AUTHORITY TO USE BOLT P/N 145-530-9403 IN PLACE OF P/N 145-131-9012	X	N/A	N/A	CRS# UMCR407K JOB# A12-0056
GTE0987	ADD REDUCER	P/C/W	ADD REDUCER P/N 3615697-1	X	N/A	N/A	CRS# UMCR407K JOB# A12-0056
GTE1000	FUEL FLOW DIVIDER	P/C/W	FUEL FLOW DIVIDER P/N 3882835-3 CAN BE USED IN PLACE OF FUEL FLOW DIVIDER P/N 3882835-4	X	N/A	N/A	CRS# UMCR407K JOB# A12-0056
GTE1011	REPLACE SURGE CONTROL DUCT	P/C/W	REPLACE SURGE CONTROL DUCT P/N 3884769-1 WITH P/N 3884930-1	X	N/A	N/A	CRS# UMCR407K JOB# A12-0056
GTE1031	ADD ALTERNATE STARTER MOTOR	P/C/W	ADD ALTERNATE STARTER MOTOR	X	N/A	N/A	CRS# UMCR407K JOB# A12-0056
GTE1033	ADD CLAMP	P/C/W	ADD CLAMP P/N 211-507-9050 AS A REPLACEMENT FOR P/N 211-507-9005	X	N/A	N/A	CRS# UMCR407K JOB# A12-0056
GTE1048	ADD OPTIONAL CAP RETAINER	N/A	ADD OPTIONAL CAP RETAINER P/N 3862948-1	X	N/A	N/A	CRS# UMCR407K JOB# A12-0056
GTE1068	ADD REPLACEMENT PIN	N/C/W	ADD REPLACEMENT PIN P/N MS16562-190	X	N/A	N/A	CRS# UMCR407K JOB# A12-0056
GTE1094	REPLACE STARTER MOTOR	P/C/W	REPLACE STARTER MOTOR, P/N 2000866-2, SERIES 4 MR1	X	N/A	N/A	CRS# UMCR407K JOB# A12-0056
GTE1102	REPLACE NAMEPLATES	P/C/W	REPLACE NAMEPLATES P/N S759328-1 AND S759328-2 WITH P/N S20003-14 AND S20002-14	X	N/A	N/A	CRS# UMCR407K JOB# A12-0056
GTE1103	REPLACE TUBES	P/C/W	REPLACE TUBE P/N 3616369-1 WITH P/N 3617117-1, TUBE P/N 3616366-1 WITH 3617118-1 AND TUBE P/N 3614269-1 WITH P/N 3617119-1	X	N/A	N/A	CRS# UMCR407K JOB# A12-0056

A E R O T E C




**INTERNATIONAL
FAA REPAIR STATION UMCR407K**

SERVICE BULLETIN COMPLIANCE RECORD

SB NUMBER	SUBJECT	DATE AND HOURS AT COMPLIANCE	METHOD OF COMPLIANCE	ONE-TIME	RECURRING	NEXT INSP. DUE DATE OR HOURS	VERIFIED/ COMPLIED WITH BY
GTE1221	REPLACE ELECTRONIC CONTROL BOX	UNABLE TO VERIFY AIRFRAME RELATED	REPLACE ELECTRONIC CONTROL BOX, P/N 304817-1/-2 P/N 304640-2/-3/-4 WITH P/N 3888394-230300	X	N/A	N/A	CRS# UMCR407K JOB# A12-0056
GTE1229	REPLACE INLET SCREEN ASSEMBLY	P/C/W	REPLACE INLET SCREEN ASSEMBLY P/N 3810404-1 WITH P/N 3810999-1	X	N/A	N/A	CRS# UMCR407K JOB# A12-0056
GTE1305	REPLACE IDENTIFICATION PLATES	P/C/W	REPLACE IDENTIFICATION PLATES P/N S20003-14 WITH P/N S210003-14 AND P/N S20002-14 WITH P/N S210002-14	X	N/A	N/A	CRS# UMCR407K JOB# A12-0056

SB = Service Bulletin, AD = Airworthiness Directive, P/N = Part Number, S/N = Serial Number, N/A = Not Applicable,
P/C/W = Previously Complied With, N/C/W = Not Complied With, C/W = Complied With

MECHANIC:	<i>[Signature]</i>	DATE: 11/7/12
INSPECTOR:	<i>[Signature]</i> 	DATE: 11/07/2012



NON-LIFE LIMITED PARTS LIST

MODEL: GTCP36-300(A) P/N: 3800278-4 S/N: R659C PO: WFH1104734 J/N: A12-0056
Confirmed Maintenance Records for applicable time in service and life limited hours. Reference Engine Service Records/Log Book provided by GECAS on 06/21/2012 .

TSN: 10,397

CSN: 9,950

TSO: UNK

CSO: UNK

TSLR: 0.00

CSLR: 0.00

ITEM #	DESCRIPTION	P/N	S/N	TOTAL CYCLES	TOTAL HOURS	LIMIT CYCLES	LIMIT HOURS	HOURS REMAIN	CYCLES REMAIN
1	LOAD COMPRESSOR ROTOR	3822587-1	000316003752	1,695	1,832	N/A	N/A	N/A	N/A
2	ENGINE COMPRESSOR ROTOR	3822251-6	0-03160-4456	9,950	10,397	N/A	N/A	N/A	N/A
3	TURBINE WHEEL	3842146-1	000134511228	1,695	1,832	N/A	N/A	N/A	N/A

INSPECTOR'S SIGNATURE 30

INCOMING ☐

OUTGOING ☒

DATE: 11/07/12



DATE: 11/7/12 16:27		P/O: WFH1104734		OIL USED: MIL-PRF-23699 AEROSHELL 500			
P/N: 3800278-4		ATA: 49-25-69		FUEL USED: ASTM D-1655 JET-A			
S/N: R659C		ATA REV: 8 DATED 12/16/2005		ECB P/N: 304640-3			
J/N: A12-0056		CELL: 2		ECB S/N: LAB SLAVE			

DESCRIPTION	UNITS	SURGE SYSTEM CHECK (OPEN)	SURGE SYSTEM CHECK (CLOSED)	NO LOAD	SHAFT LOAD	100 F COMBINED LOAD (ECS)	122 F MES
TIME SCAN	TIME	17:54:42	17:56:26	17:34:59	18:01:24	7:07:15	7:01:48
BAROMETRIC PRESSURE	PSIA	14.43	14.43	14.48	14.42	14.56	14.55
AVERAGE INLET TEMPERATURE	DEG F	93.7	94.1	90.1	93.6	69.2	68.3
OIL PRESSURE	PSIG	63.7	63.5	65.7	62.8	62.4	62.7
OIL TEMPERATURE	DEG F	206.9	207.0	157.8	206.5	194.7	190.6
GEARBOX PRESSURE	PSID	-0.2	-0.2	-0.1	-0.2	-0.2	-0.2
TURBINE DISCHARGE TEMPERATURE (UNITS)	UPPER	DEG F	1048.5	1049.7	760.0	921.1	1058.9
	LOWER	DEG F	997.0	1001.1	752.6	891.5	1012.9
EXHAUST GAS TOTAL TEMPERATURE (LAB)	ACTUAL	DEG F	1030.9	1035.3	767.7	925.1	1056.4
	CORRECTED*	DEG F				1117.5	1139.0
DETERIORATION MARGIN	DEG F					42.5	38.0
ORFICE AIR TEMPERATURE	DEG F		393.0	397.0		363.0	388.0
ORFICE INLET AIR PRESSURE	PSIG		35.2	33.4		29.1	36.4
ORFICE DIFFERENTIAL PRESSURE	IN/H2O		116.2	134.9		117.8	128.9
INLET STATIC PRESSURE	PSIA		14.31	14.32	14.30	14.31	14.29
EXHAUST STATIC PRESSURE	PSIA		14.17	14.17	14.17	14.17	14.17
IGV POSITION	DEG		81	81	22	22	81
BLEED AIR FLOW	ACTUAL	LB/MIN	145.5	147.6		137.1	154.5
	CORRECTED*	LB/MIN				129.0	131.0
BLEED AIR TOTAL PRESSURE	ACTUAL	PSIA	53.1	50.9		47.4	54.9
	CORRECTED*	PSIA				45.3	47.5
BLEED AIR TOTAL TEMPERATURE	ACTUAL	DEG F	414.9	412.2		370.6	391.1
	CORRECTED*	DEG F				399.0	430.8
FUEL CONSUMPTION	ACTUAL	LB/HR	238.7	235.2	152.2	203.7	266.2
	CORRECTED*	LB/HR				256.4	274.7
CORRECTED SHAFT OUTPUT	HP					169.7	111.5
UNIT VIBRATION	FAN	IN/SEC	0.15	0.14	0.24	0.26	0.15
	GEARBOX	IN/SEC	0.15	0.15	0.25	0.27	0.15
	L/C	IN/SEC	0.15	0.14	0.24	0.26	0.15
	TURBINE	IN/SEC	0.28	0.29	0.26	0.26	0.29
APU SPEED	RPM		63785	63760	62570	62550	63754
DISCHARGE CORRECTED FLOW	LB/MIN		52.4	55.3		53.9	53.0
COMPRESSOR DISCHARGE PRESSURE	PSIG		66.7	67.0	59.0	62.6	67.8
COMPRESSOR DISCHARGE TEMP	DEG F		543.8	542.6	520.6	528.5	543.1
UNIT INLET AIR TEMPERATURE	DEG F		78.6	80.0	78.0	82.4	84.0
SCV TORQUE MOTOR CURRENT	mA		93	110			
EGT COR1	DEG F						1176

SPECIFICATION REQUIREMENTS (CORRECTED)	PARAMETER	UNITS	NO LOAD	SHAFT LOAD	100 F COMBINED LOAD (ECS)	122 F MES	122 F MES** CONT
	MIN BLEED FLOW	LB/MIN			128.4		
	MIN BLEED PRESSURE	PSIA			45	47.5	47.5
	MAX IGV POSITION	DEG F			68		
	MAX FUEL FLOW	LB/HR			267		
	MAX EGT	DEG F			1154	1197 (a)	1210 (a)
		DEG F				1177 (b)	1190 (b)

* DATA CORRECTED TO T2 AND INSTALLED, SEA LEVEL CONDITIONS.

**CONTINUED TIME LIMITS (CONT) APPLY TO AN APU REMOVED FOR MINOR REPAIRS AND DOES NOT APPLY TO AN APU THAT IS DISSASSEMBLED BEYOND THE LOAD COMPRESSOR SECTION.

(a) NO EXCESS BLEED PRESSURE CORRECTION
(b) CORRECTED FOR EXCESS BLEED PRESSURE

OIL QUANTITY AT SUMP (cc)	<5		
AUTO START TIME (sec)	#1 40	#2 39	#3 39
TOTAL STARTS	5		
OPERATING TIME (hrs)	2		

TECHNICIAN *[Signature]*

SUPERVISOR *[Signature]*

REMARKS LEAK CHECK C/W GOOD

DATE 11/7/12

DATE 11/7/12

ACCEPT ☒ A 142 A

REJECT ☐



SX-BHV /

Last aircraft activity (on 24/09/2014 02:00:00): 65154,58 FH 26873,00 FC

Position Title ATA	Q.P.A MR	LIMIT FH FC ProcessM. levelMonths	P/N S/N Description	INSTALLATION		TSI TSO TSN	CSI CSO CSN	MSI MSO MSN	A/C LIMIT		EQUIP. CURRENT			STATUS	REMAINING
				Certificate Ref. Certificate Date	Date A/C FH A/C FC				Date A/C FH	A/C FC	TSI TSO TSN	CSI CSO CSN	MSI MSO MSN		FH FC Days
491001 APU MOTOR STARTER 4910 MR-4674	Part 1 O/C		2704506-2 853 STARTER APU	* 04/02/2013	04/02/2013 60445 25100									Open - No Limit	
491101 APU GTCP36-300 4911 MR-29349	Part 2 O/C NONE		NON ETOPS P/N 3800278-4 R659C APU GTCP36-300(A)	* 04/02/2013	04/02/2013 60445 25100	0 10397	0 9950	2,93 242,93			4709 15106	1773 11723	22,55 262,55	Open - No Limit	Micha 20
491201 FCU APU 4912 MR-4678	Part 1 O/C		NON ETOPS P/N 3882825-9 A341C FUEL CONTROL UNI	* 08/05/2013	08/05/2013 61278 25368									Open - No Limit	
491251 ISOLATOR VIBRATION 4912 MR-4679	Part 1 O/C		NON ETOPS P/N 94830-09 3607 ISOLATOR VIBRATIO	* 13/03/2009	13/03/2009 53220 21087	0	0	3,52 5,36			11934	5786	69,94 71,78	Open - No Limit	
491252 ISOLATOR VIBRATION 4912 MR-4680	Part 1 O/C		NON ETOPS P/N 94830-10 110 ISOLATOR VIBRATIO	* 13/03/2009	13/03/2009 53220 21087	0 0	0 0	3,02 3,02			11934 11934	5786 5786	69,44 69,44	Open - No Limit	
491253 ISOLATOR VIBRATION 4912 MR-4681	Part 1 O/C		NON ETOPS P/N 94830-11 1048 ISOLATOR VIBRATO	* 13/03/2009	13/03/2009 53220 21087	0 0	0 0	14,17 14,17			11934 11934	5786 5786	80,59 80,59	Open - No Limit	
491651 ACTUATOR APU 4916 MR-4691	Part 1 O/C		NON ETOPS P/N 43-1-1100 230 LINEAR ACTUATOR	* 06/04/2008	06/04/2008 50842 19947	0 22683 22683	0 19691 19691	1,02 135,55 135,55			14312 36995 36995	6926 26617 26617	78,64 213,17 213,17	Open - No Limit	
492304A IGV ACTUATOR ASSY 4923 MR-4693	Part 1 O/C		NON ETOPS P/N 3883220-3 0693 IGV ACTUATOR	* 04/02/2013	04/02/2013 60445 25100									Open - No Limit	
492565 PNEUMATIC TEMP SENS 4925 MR-4699	Part 1 O/C		NON ETOPS P/N 3884581-2 IDA12-0056 PNEUMATIC TEMP S	* 04/02/2013	04/02/2013 60445 25100	0	0	2,93			4709	1773	22,55	Open - No Limit	
493212 DIVIDER ASSY-FLOW 4932 MR-4708	Part 1 O/C		NON ETOPS P/N 3882835-4 719 FLOW DIVIDER APU	* 04/02/2013	04/02/2013 60445 25100	0	0	2,93			4709	1773	22,55	Open - No Limit	
494104A IGNITION UNIT 4941 MR-4711	Part 1 O/C		NON ETOPS P/N 3876129-1 U2597 EXCITER IGNITION	* 04/02/2013	04/02/2013 60445 25100	0	0	2,93			4709	1773	22,55	Open - No Limit	
494138 IGNITION EXITOR 4941 MR-4718	Part 1 O/C													Open - No Limit	
495104A SURGE VALVE CONTROL 4951 MR-4732	Part 1 O/C		NON ETOPS P/N 3290050-4 1417C SURGE CONTROL V	* 04/02/2013	04/02/2013 60445 25100	0	0	2,93			4709	1773	22,55	Open - No Limit	
495118 COMPRESSOR INLET PR 4951 MR-4733	Part 1 O/C		NON ETOPS P/N 3876133-1 6378-3-71 SENSOR PRESSURE	* 04/02/2013	04/02/2013 60445 25100									Open - No Limit	



Non-Incident I Non-Accident Statement - Airframe Summary

Date: 15th October, 2019

Registration	MSN	Type	TSN	CSN
N320AB	293	A320-211	65163	26876

Model	Part Number	Serial Number	TSN	CSN
36-300A	3800287-3	R-659	15115	11726
Nose Gear	D23175001-19	B261	49287	33033
RH Main Gear	201375007-030	DRG 3837/91	49287	33033
LH Main Gear	201375008-040	DRG 8840/89	53687	33916

To whom it may concern:

This is to confirm and certify that the above described aircraft including engines, landing gears, APU and associated components was operated, maintained and stored by the following:

- 9H-ABQ - AIR MALTA, Air Malta plc., Maintenance & Engineering Quality Division, Main Engineering Base, Malta International Airport, Luqa, LQA 05, Malta between 24th-March-1992 until 16th-November-2004. On 19th January 2004 9H-ABQ was involved in an incident. The aircraft was damaged at the aft fuselage crown and right wing. Evaluation of damage was commissioned to Airbus and was carried out as per Airbus Engineering Dossier 300040. The repair of the damage was also commissioned to Airbus and was carried out as per Work Order Technical Definition No: M-300040-EMBOD.
- SX-BHV - Air Mediterranee I Hermes Airlines between 30th-November-2014 until 25th-September-2014
- N320AB - Spire Flight Solutions, 6th Floor, South Bank House, Barrow Street, Dublin 4, Co Dublin on 21st-October-2014
- N320AB - Pacavi 1620 5th Avenue Suite 550 San Diego, CA 92101 between 21st-October-2014 until 9th-June-2016
- N320AB - HAITEC Aircraft Maintenance GmbH, EASA DE.145.0427 / DE.147.0023, Maintenance Hangar 900, D-55483 Hahn-Airport between 9th-June-2016 until 15th-October-2019

And to the best of our knowledge:

- Has not been involved in any accident or serious incident as defined in Chapter 1 of ICAO Annex 13
- Has not been obtained from nor operated by any government or military source.
- Has not been subjected to severe stress or heat outside of normal operation and maintenance.
- Have not been submerged in salt water or otherwise exposed to corrosive agents outside of normal operation and maintenance.

Signed : *Michael Dean*

Name : Michael Dean

Title : Programme Manager - Strategic Material & Asset Management



Hours and Cycles Statement - Airframe Summary

Date: 15th October, 2019

Registration	MSN	Type	TSN	CSN
N320AB	293	A320-211	65163	26876

To whom it may concern:

This is to confirm and certify that the above described aircraft and associated components was operated by:

- Air Mediterranee I Hermes Airlines between 21st-October-2014 until 22nd-October-2014
 - SX-BHV OCCM Fit list dated 24th-September-2014 TSN 65154.58 CSN 26873.00
 - SX-BHV HT Fit list dated 24th-September-2014 TSN 65154.58 CSN 26873.00
 - Air Mediterranee I Hermes Airlines SX-BHV A/C Technical log Book document ferry flight EPPO-LFBT dated 26th-September-2014 TSN 65156.66 CSN 26874 (+2.8FH/1FC)
 - Air Mediterranee I Hermes Airlines SX-BHV A/C Technical log Book document ferry flight LFBT-LTFSJ dated 30th-September-2014 TSN 65159.91 CSN 26875 (+3.25FH/1FC)
- Spire Flight Solutions, 6th Floor, South Bank House, Barrow Street, Dublin 4, Co Dublin
N320AB ferry flight LTFSJ-EDFH (Haitec, Hahn, Frankfurt) dated 22nd-October-2014 TSN 65162.34 CSN 26876 (+2.43FH/1FC)
- Pacavi 1620 5th Avenue Suite 550 San Diego, CA 92101 N320AB Non-Incident /Accident Statement document issued 9th-June-2016 TSN 65163 CSN 26876 - Airframe only used for ground tests and ground handling according to AMM at HAITEC Aircraft Maintenance GmbH.
- HAITEC Aircraft Maintenance GmbH, EASA DE.145.0427 / DE.147.0023, Maintenance Hangar 900, D-55483 Hahn-Airport stored N320AB between 9th-June-2016 until 15th-October-2019 when the aircraft was dismantled for convenience on behalf of A J Walter Aviation.

Signed : *Michael Dean*

Name : Michael Dean

Title : Programme Manager - Strategic Material & Asset Management