131-9B APU MINI PACK

APU Model/ Part Number	131-9B / 3800702-1
APU Serial Number	P-6767
Total Time since New	14,593
Total Cycles since New	17,147
Time Since Last Repair	0
Cycles Since Last Repair	0
Date of Last Repair	May 20, 2020
1st Stage P/N 3840310-3	CSN: 3,378
2nd Stage P/N 3840165-4	CSN: 14,131
Turbine Shaft P/N 3822504-3	CSN: 12,853
EC Impeller P/N 3822391-6	CSN: 12,853
Last Operator	AeroMexico

All Technical Data included in this Mini Pack is based on information provided by FAA/OEM approved repair stations and the Operators Maintenance Program.

Current Status & Configuration

1. Approving Competent Authority/Country	2.	3. Form Tracking Number
Luftfahrt-Bundesamt[LBA],Germany	**AUTHORISED RELEASE CERTIFICATE** **EASA FORM 1**	20200008195794Y02 339380579

4. Organisation Name and Address:	5. Work Order/Contract/Invoice
Honeywell Aerospace GmbH Frankfurter Strasse 41 - 65 65479 Raunheim Germany	**9834927** 339381616 Page 1 of 1

6. Item	7. Description	8. Part No	9. Qty	10. Serial No.	11. Status/Work
001	ENGINE OUTLINE, GAS TURBINE	3800702-1	1	P-6767	REPAIRED

12. Remarks

THE SERVICE SPECIFIED HAS BEEN ACCOMPLISHED IN ACCORDANCE WITH:
EM 49-26-95 Rev 13, DEC/18/2019
ORI AUTHORIZATION PER EASA ED DECISION 2007/001/C.
LIFE TRACKED PARTS AND LRUS: SEE ATTACHED APU SERVICE RECORD.
SERVICE BULLETIN STATUS: SEE ATTACHED LISTINGS.
NO EASA OR FAA ADS EFFECTIVE. PRESERVED IAW SB 49-7997 REV.5, FOR 24 MONTHS STORAGE (19.05.2020).
131-9(B) TASKS PERFORMED, REFER TO FORM QS1576/2013 FOR DETAILS.
UNIT RELEASED TO SERVICE SUBJECT TO FITTING OF: MUFFLER DRAIN AND FUEL SUPPLY TUBE, BLEED DUCT WITH CLAMPS.

TEXT CONTINUED ON RIGHT SIDE

CONTINUED:
TSN: 14593,65/CSN: 17147 IS AT POINT OF INSTALLATION FOR COMPUTATION OF LLP CYCLES. DMM HOURS/CYCLES ON RELEASE IS 14595,05/17151 (1,40 HOURS AND 4 CYCLES USED ON APU FINAL TESTING).

TSN 14593,65 TSR 0,00
CSN 17147 CSR 0

SERIES 26

THE WORK IDENTIFIED IN BLOCK 11 AND DESCRIBED HEREIN HAS BEEN ACCOMPLISHED IN ACCORDANCE WITH 14 CFR PART 43 AND IN RESPECT TO THAT WORK, THE ITEMS ARE APPROVED FOR RETURN TO SERVICE UNDER CERTIFICATE NO.QJ1Y428K
THE WORK IDENTIFIED IN BLOCK 11 AND DESCRIBED HEREIN HAS BEEN ACCOMPLISHED IN ACCORDANCE WITH TCCA CAR 571 AND IN RESPECT TO THAT WORK,THE ITEMS ARE APPROVED FOR RETURN TO SERVICE UNDER TCCA CERTIFICATE NO. 898-02.

13a. Certifies that the items identified above were manufactured in conformity to:		14a ☑ Part-145.A.50 Release to Service ☑ Other regulation specified in block 12	
☐ approved design data and are in condition for safe operation ☐ non-approved design data specified in block 12		Certifies that unless otherwise specified in block 12, the work identified in block 11 and described in block 12, was accomplished in accordance with Part-145 and in respect to that work the items are considered ready for release to service.	
13b. Authorised Signature	13c. Approval/Authorisation Number	14b. Authorised Signature	14c. Certificate/Approval Ref. No DE.145.0022
13d. Name	13e. Date (dd mmm yyyy)	14d. Name Uwe Reinheimer	14e. Date (dd mmm yyyy) 20 MAY 2020

USER/INSTALLER RESPONSIBILITIES

This certificate does not automatically constitute authority to install the item(s).

Where the user/installer performs work in accordance with regulation of an airworthiness authority different than the airworthiness authority specified in block 1, it is essential that the user/installer ensures that his/her airworthiness authority accepts items from the airworthiness authority specified in block 1.

Statements in blocks 13a and 14a do not constitute installation certification. In all cases aircraft maintenance records must contain an installation certification issued in accordance with the national regulations by the user/installer before the aircraft may be flown.

Honeywell

Honeywell Aerospace GmbH
Frankfurter Str. 41-65
65479 Raunheim
Germany

ACCEPTANCE TEST DATA SHEET

131-9B
CONTINUE TIME

USED WITH
EM 49-26-95
REV. 14

UNIT OUTLINE:	3800702-1	MODEL NO.	131-9B	SERIAL NO.	P-6767	DATE:	20.05.2020
TEST CELL NO.	Cell 4	RUN NO.	1	SERVICE ORDER:		5014783153	
OIL USED MIL-	23699	TYPE	2380	FUEL USED	Def.-91-91	TYPE	JET A1
APU CONTROL UNIT PN:	2118966-222			S/N*	74-F1274	SLAVE*	Yes

QUANTITY	UNITS	ACTUAL
AC Power Start Time	SEC	39
DC Power Start Time	SEC	43
Total Number of Starts (During ATP)	NO.	4
Total Operating Time (During ATP)	HRS	1:40

Initial IGV Position (Degrees)	62,38	Initial PBCOR (PSIA)	55,37
Final IGV Position (Degrees)	54,38	Final PBCOR (PSIA)	51,87
ECS OFFSET (Final IGV - Initial IGV)=	-8	Degrees	

Tailpipe Spread ECS / MES	40°F Max.	ECS:	2,64	°F	MES: 4,35	°F
EGT Spread ECS / MES	80°F Max.	ECS:	40,33	°F	MES: 41,71	°F

Flow Sensor Check Para:	8.E (9) WBCDNA	49,00 PPM	
Flow Sensor Check Para:	8.E (13)a WBCDNA	49,68 PPM	
Flow Sensor Check Para:	8.E (13)b DIFF.(5% MAX)	0,80 %	
SCV Stability Check	8.F. (2)a SCV Stable?	OK X	NOT OK
Surge Margin Check	8.G. (5) Surge Test?	OK X	NOT OK
Load Cycle Stability 96 KW	8.I.4 Stable?	OK X	NOT OK
Load Cycle Stability MES	8.I.7 Stable?	OK X	NOT OK
Load Cycle Stability MES & 96 KW	8.I.10 Stable?	OK X	NOT OK
Load Cycle Stability No Load	8.I.4 Stable?	OK X	NOT OK
APU Fault	IS OK?	OK X	NOT OK
Unit Status	ACCEPT X		Reject

1062,69 °F EGT (corrected)

TECHNICIAN Kauf FT 09 DATE 20.05.2020

SUPERVISOR E281258 DATE 20.5.2020

QUALITY ASSURANCE (8/42) DATE 20. MAI 2020

*INDICATE "LAB SLAVE" AND SERIAL NO. WHEN APPLICABLE

ACCEPTANCE TEST DATA SHEET

APU S/N: P-6767

APU P/N: 3800702-1

ATP REFERENCE			8.D.1	8.D.3	8.D.4
QUANTITY		UNIT	READY TO LOAD	ECS 2-Pack	MES
BAROMETRIC PRESSURE (PBAR)		PSIA	14,65	14,65	14,65
AVERAGE INLET TEMPERATURE (T2)		°F	65,65	68,08	68,75
UNIT INLET TEMPERATURE (TENIVA)		°F	65,86	68,22	68,34
OIL TEMPERATURE		°F	179,28	183,06	183,60
OIL PRESSURE		PSI	68,21	67,71	67,60
OIL TEMPERATURE SUMP ECB (ECB-TOIL)		°F	194,00	199,40	199,40
FUEL INLET TEMPERATURE		°F	73,33	70,68	71,56
FUEL INLET PRESSURE		PSI	23,92	23,41	23,10
GEARBOX PRESSURE		inH2O	2,32	-0,09	-1,90
COMPRESSOR DISCHARGE STATIC PRESSURE		PSI	84,15	91,10	92,71
COMPRESSOR DISCHARGE TEMPERATURE		°F	534,20	546,98	554,36
TURBINE DISCHARGE TEMPERATURE (UNIT RAKES)	No. 1	°F	656,06	863,06	963,86
	No. 2	°F	654,50	822,73	922,15
EXHAUST GAS TOTAL TEMPERATURE (LAB - AVG)	Actual	°F	649,10	838,46	945,81
	Corrected*	°F	:::::::::::::::	1001,09	1010,70
BLEED ORIFICE INLET TEMPERATURE		°F	:::::::::::::::	334,04	381,20
BLEED ORIFICE INLET PRESSURE		PSIA	:::::::::::::::	40,91	58,51
BLEED ORIFICE DIFFERENTIAL PRESSURE		PSID	:::::::::::::::	1,25	1,26
EXHAUST STATIC PRESSURE		PSIA	14,67	14,65	14,65
IGV POSITION		DEG	21,62	54,38	89,75
CORRECTED DISCHARGE AIRFLOW (WBCDNA)		LB/MIN	:::::::::::::::	58,78	50,39
BLEED AIRFLOW (WB)	Actual	LB/MIN	:::::::::::::::	140,39	164,10
	Corrected*	LB/MIN	:::::::::::::::	159,21	148,92
BLEED TOTAL PRESSURE (PB)	Actual	PSIA	:::::::::::::::	44,12	61,59
	Corrected*	PSI	:::::::::::::::	51,87	56,85
BLEED TOTAL TEMPERATURE (TB)	Actual	°F	:::::::::::::::	359,20	407,79
	Corrected*	°F	:::::::::::::::	423,71	439,00
FUEL CONSUMPTION	Actual	LB/HR	169,57	242,52	279,26
	Corrected*	LB/HR	:::::::::::::::	266,50	259,91
SHAFT OUTPUT (PWGEN)	Actual	kW	:::::::::::::::	60,71	65,59
SHAFT OUTPUT / SIGMA (SHPSL)	Corrected	KW	:::::::::::::::	60,92	65,81
UNIT VIBRATION	GEARBOX	IPS	0,387	0,455	0,511
	TURBINE	IPS	0,239	0,219	0,234
APU SPEED		RPM	48833	48823	48803
REQUIREMENTS PER CONTINUE TIME	MAX BLEED TEMP	°F	:::::::::::::::	445.0	445.0
	MIN BLEED FLOW	LB/MIN	:::::::::::::::	155.0	:::::::::::::::
	MIN BLEED PRESS.	PSIA	:::::::::::::::	51.20	53.70
	CORR. DISCH. FLOW	LB/MIN	:::::::::::::::	58.20	50.00
	MIN SHAFT LOAD	KW	0.0	60.00	65.00
	MAX EGT	°F	:::::::::::::::	1115	1105
DIGITAL DATA SCAN		TIME	06:45:07	06:55:11	07:05:36
		DATE	05/20/2020	05/20/2020	05/20/2020
DIGITAL DATA POINT		XXXX	1001	1002	1003

WE CERTIFY THE ABOVE DATA IS TRUE AND CORRECT AND IN ADDITION, THE APU HAS UCCESSFULLY MET ALL OTHER TEST REQUIREMENTS SPECIFIED IN THE LATEST REVISION OF THE APPLICABLE TEST SPECIFICATION INDICATED ABOVE.

QS: 1648/2017,ÄZ:00;17.07.2017

Honeywell Aerospace GmbH
FrankfurterStr. 41 – 65
65479 Raunheim - Germany

APU SERVICE RECORD

DATE	ACCUMULATIVE TOTALS				P/N : 3800702-1	S/N : P-6767
	HOURS		CYCLES			
	TSN /	TSO	CSN /	CSO	TSR /	CSR
19052020	14593,65 /	N/A	17147 /	N/A	0 /	0

DESCRIPTION OF WORK PERFORMED

TYPE MAINTENANCE : Repaired and Modified
EM 49-26-95 REV.14; 131-9(B); SERIES: 26; P/O: 9834927;
131-9(B) TASKS PERFORMED, REFER TO FORM QS1576/2013 FOR DETAILS.

THE AIRCRAFT COMPONENT IDENTIFIED ABOVE WAS INSPECTED IN ACCORDANCE WITH CURRENT CIVIL AVIATION ADMINISTRATION REGULATIONS (SEE ATTACHED CERTIFICATE) AND IS APPROVED FOR RETURN TO SERVICE. PERTINENT DETAILS OF WORK PERFORMED ARE ON FILE AT THIS AGENCY UNDER REPAIR ORDER : 339381616

TRACEABLE LIFE LIMITED / LIFE CONTROLLED PARTS

ITEM	ROTOR	ASSY	S/N	HRS	CYC	LEFT	LIMIT	ST
LC.ROTOR	3822400-5	N/A	040350104322	14593,65	17147	O/C	N/A	2
EC.ROTOR	3822391-6	N/A	040350106719	14593,65	17147	12853	30000	4
T.SHAFT	3822504-3	N/A	04P20182	14593,65	17147	12853	30000	2
1T.ROTOR	3840310-3	N/A	14-156101-06511	2467,32	3378	26622	30000	2
2T.WHEEL	3840165-4	N/A	050134510853	9673,55	14131	15869	30000	2

ST (STATUS) and LIMIT (ROTOR LIFE LIMIT)
0=NOT EXPOSED 2=REPAIR 3=OVERHAUL 4=VISUAL INSPECT 5=NEW E=EXCHANGE
Life Limit (Cycles) are not to be exceeded, when "N/A" Life Limits do not apply

NAMEPLATE DATA CONTROLLED

ITEM	P/N	S/N	ST	ITEM	P/N	S/N	ST
GENERATO	28B545-9*	38-F3194	2E	O.L.SWIT	3876298-3	1316222105146	0
FCU	441921-5	CUC11798	4	LUBEMODU	4131020-3	3912	2
DMM	3876287-1	GE3040	4	LCV	3291214-2	587	2
SCV	3291238-2	2955	4	IGN.UNIT	3888058-7	171123	4
ACTUATOR	3886188-3	6021	4	OILCOOLE	160564-2	7609	3E
OILTEMPV	160550-1	2053	4				
	*TSN:	2103,00					
	*CSN:	4475					
	*TSO:	N/A					
	*CSO:	N/A					

ST (STATUS)
0=TEST ON APU 1=FINAL/BENCHTEST 2=REPAIR 3=OVERHAUL 4=VISUAL INSPECT 5=NEW E=EXCHANGE

EASA APPROVED MAINT. ORG. NO.: DE.145.0022
FAA APPROVED REPAIR STATION NO.: QJ1Y428K
TCCA ACCEPTANCE APPROVAL NO.: 898-02
BCAA APPROVED MAINT. ORG. NO.: ALD/AIR/8/5.65
PACA APPROVED MAINT. ORG. NO.: AWR/263/GMBH-071/92
GACA APPROVED REPAIR STATION NO.: AMO-152F
GCAA APPROVED MAINT. ORG. NO.: UAE.145.1050
KCASR APPROVED MAINT. ORG. NO.: DGCA/ AMO/069
QCAA APPROVED MAINT. ORG. NO.: QCAA/FAMO/126
JCARC APPROVED MAINT. ORG. NO.: CARC.F.AMO.60
IDGCA APPROVED MAINT. ORG. NO.: 5-2435/2015-AI(2)

N. Seibel — STAMP — 19.05.2020 DATE

RUN DATE: 19.05.2020
RUN BY: N. Seibel

HONEYWELL AEROSPACE GMBH RAUNHEIM
SERVICE BULLETIN STATUS
ENGINE MODEL: 131-9(B) ENGINE SN: P-6767

CUSTOMER: 6474

SERVICE BULLETIN	REV.	DESCRIPTION	WHEN ACCOMP
GTE1110		REPLACE PACKING #MS9386-178 WITH #S8990-179	PCW
GTE1120		REPLACE UPPER INLET DUCT #3810828-6/-7 WITH #3810905-1, LOWER INLET DUCT #3810829-3/-4 WITH #3810906-1, AND DOOR #3810832-2 WITH #3810918-1	PCW
GTE1146		REPLACE SECOND STAGE STATOR #3844762-2 WITH #3844864-1	PCW
GTE1164		APU MOUNT BRACKET MATERIAL CHANGE FROM WROUGHT 6-4 TITANIUM TO CAST 6-4 TITANIUM	PCW
GTE1170		REPLACE UPPER INLET DUCT #3810905-1 WITH #3810948-1, LOWER INLET DUCT #3810906-1 WITH #3810949-1, AND ACCESS DOOR #3810918-1 WITH #3810950-1	PCW
GTE1181		REPLACE SHROUD #3827322-3 WITH #3827504-3	PCW
GTE1183		REPLACE COMBUSTION CHAMBER #3830461-5 WITH #-6	PCW
GTE1185		REPLACE SURGE DUCT #3885003-1/-2 WITH #3885057-1	12.06.2009
GTE1191		REPLACE IGNITION UNIT #3888058-5 WITH #-7	PCW
GTE1195		REPLACE CLAMPS #234-591-9300 AND #-9350 WITH #AS1895/4-300 AND #-350	PCW
GTE1197		REPLACE FUEL TUBE #3883846-2 WITH #-3, #3883895-1 WITH #-2, AND #3883920-1 WITH #-2	PCW
GTE1198		REPLACE IDENTIFICATION PLATE #S20022-3 WITH #S21022-3	PCW
GTE1245		REPLACE FCU CLAMP #234-591-3030 WITH #234-511-9059	PCW
GTE1259		REPLACE SURGE DUCT #3885057-1 WITH #-2	12.06.2009
GTE1279		REPLACE 2nd STAGE STATIONARY AIR SEAL #3844582-1 WITH #-2	PCW
4131020-49-01	A	REPLACE FILTER HOUSING #4132159-1 WITH #-2 ON LUBE MODULE #4131020-3	18.05.2009
441921-49-0004		REWORK FCU #441921-4 TO #-5	PCW
441921-49-0010	1	INSPECTION OF THIN WALL CASTINGS ON FCU #441921-5 PL ISS 9	N/A
B55968-49-01		REWORK IGV ACTUATOR #3886188-1/-2	PCW
B55968-49-02		REWORK IGV-ACTUATOR #3886188-2 TO #-3	PCW
CH92036-49-001		REWORK IGNITION UNIT #3888058-7	N/A
CUC1-49-0001		ONE-TIME INSPECTION FOR MISSING SPRING IN RELIEF VALVE	PCW
CUC1-49-0002		REWORK FCU #441921-4	PCW
24-4184		REWORK STARTER/GENERATOR #28B545-7 STYLE A TO STYLE B	PCW
24-4200	1	REPLACE ROTOR IN STARTER GENERATOR #28B545-7	N/A
24-4220		REWORK STARTER/GENERATOR #28B545-7 STYLE B TO STYLE C	06.10.2010
24-4231		REWORK STARTER-GENERATOR #28B545-7 STYLE C TO #-9 STYLE A.	PCW
24-4233		REPLACE STATOR HOUSING #6430800-4 ON STARTER GENERATOR #28B545-7/#-9.	23.03.2015
24-4234	OR	REPLACE SPECIAL SCREW IN END BELL ASSEMBLY OF STARTER GENERATOR #28B545-9	N/A
49-2376		REWORK/REPLACE OIL COOLER #160564-1 S2/S3/S4 TO/WITH #-2 S3/S3/S4	PCW
49-2377		REWORK TEMP CONTROL VALVE #160550-1 S1 TO S2	PCW

N/A = NOT APPLICABLE
OR = ORIGINAL ISSUE
PCW = PREVIOUSLY COMPLIED WITH
AD = AIRWORTHINESS DIRECTIVE
LTA = LUFTFAHRT TÜCHTIGKEITSANWEISUNG
CN = CONSIGNE DE NAVIGABILITÉ

EASA APPROVED MAINT. ORG. NO.: DE.145.0022
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GACA APPROVED REPAIR STATION NO.: AMO-152F
GCAA APPROVED MAINT. ORG. NO.: UAE.145.1050
KCASR APPROVED MAINT. ORG. NO.: DGCA/ AM0/069
QCAA APPROVED MAINT. ORG. NO.: QCAA/FAMO/126
JCARC APPROVED MAINT. ORG. NO.: CARC.F.AMO.60
IDGCA APPROVED MAINT. ORG. NO.: 5-2435/2015-AI(2)

SERVICE BULLETIN	REV.	DESCRIPTION	WHEN ACCOMP
49-7002		REWORK SCV #3291238-2 PRIOR S1	PCW
49-7006		REWORK LUBE MODULE #4131020-1 TO #-2	PCW
49-7007		REWORK LUBE MODULE #4131020-1/-3	PCW
49-7008		REPLACE JOURNAL BUSHINGS TO MEET CLEARANCES AND REPLACE LOCATING PIN	PCW
49-7031		INSPECT SCV #3291238-2	PCW
49-7032	OR	REWORK APU CHECK VALVE #3202610-4 TO #-5	N/A
49-7033		REWORK LCV #3291214-2 PRIOR S3	PCW
49-7044		REWORK LCV #3291214-2 PRIOR S4 TO CHNO 4	PCW
49-7045	OR	REWORK LCV #3291214-2 PRIOR SER.5 TO CHG.5 (ELECTRICAL ASSEMBLY #63001001-1 TO #-2)	19.05.2020
49-7365		REPLACE CLEVIS #3827166-2 WITH #3827165-2, BOLT #NAS6704-9 AND WASHER #NAS1149C0432R ON POWER SECTION #3801103-1	PCW
49-7366		REPLACE IGV ASSY #3810821-4 WITH #-5, BOLT #NAS6703-9 AND WASHER #NAS1149C0432R ON POWER SECTION #3801103-1	PCW
49-7373		REPLACE COMPRESSOR COUPLING SHAFT #3822510-1 WITH #-2	PCW
49-7431		REWORK/REPLACE UPPER INLET DUCT #3810828-6 TO/WITH #-7, AND LOWER INLET DUCT 3810829-3 TO/WITH #-4	PCW
49-7476		REWORK/REPLACE TURBINE BEARING SUPPORT #3844863-2 TO/WITH #-3 OR REPLACE WITH #3844863-1, AND REWORK/REPLACE RETAINER #3844599-1 TO/WITH #-2	PCW
49-7480		REPLACE SHAFT #3822529-1 WITH #-4, REWORK/REPLACE COMPRESSOR BEARING HOUSING #3827265-3 TO/WITH #-4, REWORK/REPLACE DRIVEN COMPRESSOR BEARING HOUSING #3827320-4 TO WITH #-5	PCW
49-7483		REWORK/REPLACE SURGE DUCT #3885003-1 TO/WITH #-2	PCW
49-7513		GROUND STRAP INSTALLATION #MS25083-5BB7 FOR GROUND LOOP CURRENT PATH	PCW
49-7527		REPLACE EDUCTOR HOUSING #3850100-4 WITH #-5 AND ELIMINATE IGNITION UNIT ADAPTER BRACKET #3617110-2	PCW
49-7541		REPLACE STATIC PRESSURE TUBE #3884980-2 WITH #3884980-3 AND TOTAL PRESSURE TUBE #3884984-2 WITH #3884984-3	PCW
49-7561		REPLACE TURBINE SEAL GASKET #3844707-1 WITH #-2	PCW
49-7577		REWORK/REPLACE POWER SECTION #3801103-1 TO/WITH #-2	PCW
49-7597		REWORK/REPLACE POWER SECTION #3801103-2 TO/WITH #-3 AND PLUMBING #3616850-1 TO WITH #-2	PCW
49-7629		REPLACE PINNED TURBINE BEARING RETAINER #3844917-1 WITH NON PINNED	PCW
49-7667		INCORPORATE COMBUSTOR CASE DRAIN PLUG LOCK WIRE FEATURE	PCW
49-7688		REPLACE FCU #441921-4 WITH #-5	PCW
49-7743		REPLACE OIL COOLER #160564-1 WITH #-2	PCW
49-7750		REPLACE COMPRESSOR SEAL #3827350-3 WITH #3827608-3 AND ROTOR #3822418-1 WITH #3822635-2	PCW
49-7776		REPLACE 1st STAGE T-WHEEL #3840160-5 WITH #3840303-1	PCW
49-7857	1	REWORK 1ST STAGE TURBINE WHEEL #3840303-1 TO #3840160-7	18.05.2009
49-7860		REPLACE 1ST STAGE TURBINE WHEEL #3840303-1 OR REPLACE/REWORK #3840160-5 WITH/TO #3840160-8	REF. 49-7971
49-7881		REPLACE REAR BEARING SEAL #3844561-1 WITH #3844561-3	18.05.2009

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PCW = PREVIOUSLY COMPLIED WITH
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GCAA APPROVED MAINT. ORG. NO.:	UAE.145.1050
KCASR APPROVED MAINT. ORG. NO.:	DGCA/ AM0/069
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JCARC APPROVED MAINT. ORG. NO.:	CARC.F.AMO.60
IDGCA APPROVED MAINT. ORG. NO.:	5-2435/2015-AI(2)

RUN DATE: 19.05.2020
RUN BY: N. Seibel

HONEYWELL AEROSPACE GMBH RAUNHEIM
SERVICE BULLETIN STATUS
ENGINE MODEL: 131-9(B) ENGINE SN: P-6767

CUSTOMER: 6474

SERVICE BULLETIN	REV.	DESCRIPTION	WHEN ACCOMP
49-7902		REWORK/REPLACE PLUMBING AND ELECTRICAL #3616850-2 TO/WITH #-3	23.03.2015
49-7903		REWORK HARNESS #3888449-1 TO #-2	23.03.2015
49-7949		REPLACE FITTING #3879006-1 WITH FLOW DIVIDER TEE #3883830-1, AND CHECK VALVE #3879005-1 WITH FITTING #MS24392J4	PCW
49-7951	1	INSPECT STARTER/GENERATOR #28B545-7 FOR SPECIFIC SERIAL NUMBERS BEFORE RETURN TO SERVICE	N/A
49-7953		REPLACE SCAVENGE TUBE #3881826-1 WITH #3881826-2 AND ADD GASKET #AS4824N06	23.03.2015
49-7971	3	REPLACE 1. STG. T-WHEEL #3840160-5/-7/-8 OR #3840303-1 WITH #3840310-3 AND REWORK/REPLACE STATIONARY SEAL #3844738-5 TO/WITH #-6. DISCARD V-SEAL #3840183-1.	23.03.2015
49-7988		REPLACE TURBINE SEAL GASKET #3844705-1 WITH #-2	23.03.2015
49-8023		REPLACE FUEL DRAIN TUBE #3883848-3 WITH DRAIN TUBES #3879078-1, #3879078-2, #3879078-3, #3879078-4 AND #3879078-5	23.03.2015
49-8027		REPLACE IGV ACTUATOR #3886188-2 WITH -3	PCW
49-8037	OR	REPLACE UPPER INLET DUCT #3810948-1	N/A
49-8052	1	REPLACEMENT OF SECOND STAGE TURBINE ROTOR #3840165-4	N/A
49-8054		REPLACE FLOW DIVIDER TEE #3883830-1 WITH #-2	23.03.2015
49-8065	1	REPLACE THE DUPLEX BRG #3822478-1 WITH #3822666-2, COMP BRG HSG #3827265-4 WITH #-8, RETAINER #3827385-1 WITH #-2, AND SPRING WASHER #3827075-1 WITH #791-548-9301. ALSO REMOVE THE BEARING DAMPER RING AND SPRING RETAINER.	19.05.2020
49-8079	1	REPLACE THE DISCREPANT DMM #3876287-1 IDENTIFIED BY DMM SERIAL NUMBERS	N/A
49-8084		REPLACE STARTER/GENERATOR #28B545-7 WITH #-9	23.03.2015
49-8091	2	INSPECT SECOND STAGE TURBINE ROTOR #3840165-4 FOR LINEAR INDICATIONS	N/A
49-8098	OR	REPLACEMENT OF TURBINE ROLLER BEARING #3840242-1, WITH THE INCORRECT ROLLING ELEMENT MATERIAL	N/A
49-8100	2	REPLACE STARTER/GENERATOR #28B545-9	N/A
49-8122		INSPECT STARTER/GENERATOR #28B545-7/-9 AND REWORK AS NECESSARY	23.03.2015
49-8142	OR	REPLACE STATIONARY AIR SEAL #3844738-6 WITH #-7 TO REDUCE OVERALL EGT.	19.05.2020
49-8145	OR	REPLACE LOAD COMPRESSOR SEAL ROTOR #3822635-2 WITH #-3	19.05.2020
49-8265	OR	REPLACE DISCREPANT FCU #441921-5	N/A
SIL D200907000007	OR	131-9B PERIODIC INSPECTION/CHAFING BETWEEN FUEL MANIFOLD AND SAFETY WIRE	19.05.2020
SIL D201210000033	OR	INFORM OPERATORS OF SET BEARINGS (TURBINE ROLLER BEARING) #3840242-1 WITH THE INCORRECT ROLLING ELEMENT MATERIAL	N/A

SIGNATURE / STAMP N. Seibel

N/A = NOT APPLICABLE
OR = ORIGINAL ISSUE
PCW = PREVIOUSLY COMPLIED WITH
AD = AIRWORTHINESS DIRECTIVE
LTA = LUFTFAHRT TÜCHTIGKEITSANWEISUNG
CN = CONSIGNE DE NAVIGABILITÉ

EASA APPROVED MAINT. ORG. NO.: DE.145.0022
FAA APPROVED REPAIR STATION NO.: QJ1Y428K
TCCA ACCEPTANCE APPROVAL NO.: 898-02
BCAA APPROVED MAINT. ORG. NO.: ALD/AIR/8/5.65
PACA APPROVED MAINT. ORG. NO.: AWR/263/GMBH-071/92
GACA APPROVED REPAIR STATION NO.: AMO-152F
GCAA APPROVED MAINT. ORG. NO.: UAE.145.1050
KCASR APPROVED MAINT. ORG. NO.: DGCA/ AM0/069
QCAA APPROVED MAINT. ORG. NO.: QCAA/FAMO/126
JCARC APPROVED MAINT. ORG. NO.: CARC.F.AMO.60
IDGCA APPROVED MAINT. ORG. NO.: 5-2435/2015-AI(2)

Honeywell Aerospace GmbH
Frankfurter Str. 41 - 65
D-65479 Raunheim

The followings ORI and ARB have been incorporated:

PN: 3800702-1 SN: P-6767

RO: 339381616 Date: 19.05.2020

Partnumber	Partname	ORI Number
3888449-2	Wiring Harness	P34359 Rev.B, P34914 Rev.D, P35228 Rev.F, P35320 Rev.A,
3291214-2	Load Control Valve	W01691
3810949-1	Inlet Duct Lower	P35562 Rev.G
3810948-1	Inlet Duct Upper	P35562 Rev.G
3827402-3	Housing Assy	P36052 Rev.B
3827152-3	Case Compressor Driven	P31241 Rev.F
3827320-5	Housing Assy	P32526 Rev.B, P31726 Rev.E
3827325-3	Diffuser Engine	T40430 Rev.H
3830461-6	Chamber Combustion	P34636 Rev.E, P35927 Rev.C, P31921 Rev.D, P34632

Partnumber	Partname	ARB Number

A. Seibel (G 21)

Signature / Stamp

Honeywell Aerospace GmbH
Frankfurther Str. 41-65
D-65479 Raunheim

Honeywell

Shop Reference : 339381616

APU Serial Number: P-6767

APU Part Number: 3800702-1

Inspection Requirements - Task Sheet 131-9B

MPD Task	AMM Reference	Task	Task Description	Method of Compliance	Inspection Stamp	Date
49-090-00	49-16-11-200	GVI	Perform a general visual inspection of the APU drain mast for leakage	EM 49-26-95 49-20-00	G 21	19. MAI 2020
49-102-00	49-31-21-000 49-21-21-400	DIS	Discard the fuel inlet filter element on regulating fuel control unit	MM 49-27-31 49-30-05	G 21	19. MAI 2020
49-110-00	49-31-11-200	GVI	Perform a general visual inspection of the FCU, Seals, Fuel Lines and interfacing connections for leakage, general condition and security of regulation.	EM 49-26-95 49-20-00	G 21	19. MAI 2020
49-120-00	49-16-12-100	OPC	Perform an operational checkof the cumbustion drain	EM 49-26-95 49-20-00	G 21	19. MAI 2020
49-132-00	49-41-51-00 49-41-51-200 49-41-51-400	DET	Perform a detailed checkof the ignitor plug	MM 49-27-31 49-40-02	G 21	19. MAI 2020
49-190-00	49-91-11-200	GVI	Perform a general visual inspection of the Lube Module and lines for leakage, general condition and security of installation.	EM 49-26-95 49-20-00	G 21	19. MAI 2020
49-200-00	49-91-13-200	DET	Perform a detailled inspection of the Delta P Sensor	EM 49-26-95 49-20-00	G 21	19. MAI 2020
49-212-00	49-11-00 P/B 401	GVI	Perform a general visual inspection of the eductor (on the APU) for general condition	EM 49-26-95 49-20-00	G 21	19. MAI 2020

Signature: A. Seibel

Inspection Stamp: G 21

Date: 19. MAI 2020

E0 # 2148e350

Honeywell

LOGBOOK #2 of 2

Gas Turbine

ENGINE LOG BOOK

ENGINE, GAS TURBINE

PART NO. 3800702-1

MODEL NO. 131-9B

SERIAL NO. P-476-7

	HOURS	HOURS	
2/21/17	TSN 13075 TSO N/A	CSN 14725 CSO N/A	**APU P/N** 3800702-1 S/N P-6767 **Model 131-9B** **DESCRIPTION OF WORK PERFORMED:** ENGINE DISASSEMBLED TO THE EXTENT NECESSARY TO PERFORM REPAIR. INSPECTED, REPAIRED AND TESTED IAW MANUFACTURER'S MANUAL 49-26-95 REV 10 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 327670634 HONEYWELL AEROSPACE CERTIFIED REPAIR STATION ZN3R030M **INSPECTOR:** JOEL ALONSO

Honeywell

SERVICE BULLETIN RECORD

AIRWORTHINESS DIRECTIVES

LIFE LIMITED

DATE	ACCUMU-LATED ENGINE HOURS	ACCUMU-LATED ENGINE CYCLES	REMARKS, INSPECTIONS, REPAIRS, AND ADJUSTMENTS	SIGNATURE

SERVICE BULLETIN RECORD

AIRWORTHINESS DIRECTIVES

LIFE LIMITED PARTS

APU Service Record

Honeywell Aerospace GmbH Frankfurter Straße 41-65 65479 Raunheim, Germany	Engine Type: 131-9(B)	Honeywell

R/O:	339381616	P/O:	9834927	Date:	19.05.2020
P/N:	3800702-1	S/N:	P-6767	Series:	26
TSN:	14593,65	TSO:	N/A	TSR:	0
CSN:	17147	CSO:	N/A	CSR:	0

Engine has been:			
X	Inspected	---	HSI
X	Repaired		
---	Overhauled		
X	Modified		
X	Tested	---	Hourmeter Reading

Certificate/Approval Ref. No.:

EASA approval No.: DE.145.0022
FAA approval No.: QJ1Y428K
TCCA approval No.: 898-02
BCAA approval No.: ALD/AIR/8/5.65
PACA approval No.: AWR/263/GMBH-071/92
GACA approval No.: AMO-152F
GCAA approval No.: UAE.145.1050
KCASR approval No.: DGCA/AMO/069
QCAA approval No.: QCAA/FAMO/126
JCARC approval No.: CARC.F.AMO.60
IDGCA approval No.: 5-2435/2015-AI(2)

Notes: NO EASA AND/OR FAA AD'S APPLICABLE.
131-9(B) TASKS PERFORMED, REFER TO FORM QS1576/2013 FOR DETAILS.

B.Seibel

Signature / Stamp

Note: APU on release after testcell runs.
The TSN / CSN is as follows:

TSN: 14595,05 Hours

CSN: 17151 Cycles

Form QS 1080/2000 AZ: 13; 17.09.2018

ENGINE MODEL: 131-9B
ENGINE SERIAL NUMBER: P-6767
CUSTOMER: PHOENIX- ENGINES RENTAL BANK
REPAIR ORDER: 2017-327670634-001

SERVICE RECORD
AIR WORTHINESS DIRECTIVES STATUS

AD NUMBER	REV	DESCRIPTION	WHERE ACCOMP	WHEN ACCOMP

NO AIRWORTHINESS DIRECTIVES APPLICABLE TO THIS ENGINE MODEL.

HONEYWELL INTERNATIONAL
REPAIR STATION # ZN3R030M

INSPECTOR SIGNATURE: _____
JOEL ALONSO

DATE: 02/21/2017

No "AD" affected at this time.

19. MAI 2020

Honeywell Aerospace GmbH
Approval Certificate
Nr.: DE.145.0022

LIFE LIMITED PARTS

1. Approving Civil Aviation Authority/Country: **FAA/United States**	2. **AUTHORIZED RELEASE CERTIFICATE** **FAA Form 8130-3, AIRWORTHINESS APPROVAL TAG**	3. Form Tracking Number: 20200008057330Y15 339160511
4. Organization Name and Address: Honeywell International Inc 6930 North Lakewood Avenue TULSA OK 74117-1804 Repair Station DA2R761K		5. Work Order/Contract/Invoice Number: 9796569 339108106 Page 1 of 1

6.Item:	7. Description:	8. Part Number:	9. Quantity:	10. Serial Number:	11. Status / Work:
001	STARTER/GENERATOR, AC OUTLINE	28B545-9	1	38-F3194	REPAIRED

12. **Remarks:**

THE SERVICE SPECIFIED HAS BEEN ACCOMPLISHED IN ACCORDANCE WITH:
CMM 24-21-14 Rev 7, APR/30/2019

	HH.DD	(HH:MM)
CSR	0.00	
TSR	0.00	(0:00)

SERIES/ISSUE/AMDTS:A

SEE ATTACHED DOCUMENTS AS APPLICABLE FOR WORK PERFORMED

CERTIFIES THAT THE WORK SPECIFIED IN BLOCK 11/12 WAS CARRIED OUT IN ACCORDANCE WITH EASA PART 145 AND IN RESPECT TO THAT WORK THE COMPONENT IS CONSIDERED READY FOR RELEASE TO SERVICE UNDER EASA PART 145 APPROVAL NO. EASA 145.4644

13a. Certifies the items identified above were manufactured in conformity to: ☐ Approved design data and are in a condition for safe operation. ☐ Non-approved design data specified in Block 12.		14a. ☒ 14 CFR 43.9 Return to Service ☒ Other regulation specified in Block 12. Certifies that unless otherwise specified in Block 12, the work identified in Block 11 and described in Block 12 was accomplished in accordance with Title 14, Code of Federal Regulations, part 43 and in respect to that work, the items are approved for return to service.	
13b. Authorized Signature:	13c. Approval/Authorization No.:	14b. Authorized Signature: James B. Miller	14c. Approval/Certificate No.: **DA2R761K**
13d. Name (Typed or Printed):	13e. Date(dd/mmm/yyyy):	14d. Name (Typed or Printed): **James B. Miller**	14e. Date(dd/mmm/yyyy): **03/APR/2020**

User / Installer Responsibilities

It is important to understand that the existence of this document alone does not automatically constitute authority to install the aircraft engine/propeller/article. Where the user/installer performs work in accordance with the national regulations of an airworthiness authority different than the airworthiness authority of the country specified in Block1, it is essential that the user/installer ensures that his/her airworthiness authority accepts aircraft engine(s)/propeller(s)/article(s) from the airworthiness authority of the country specified in Block1. Statements in Blocks 13a and 14a do not constitute installation certification. In all cases, aircraft maintenance records must contain an installation certification issued in accordance with the national regulations by the user/installer before the aircraft may be flown.

1. Approving Civil Aviation Authority/Country:	2.	3. Form Tracking Number:
FAA/United States	**AUTHORIZED RELEASE CERTIFICATE** FAA Form 8130-3, AIRWORTHINESS APPROVAL TAG	WO-207432

4. Organization Name and Address:	5. Work Order/Contract/Invoice Number:
AERO DESIGN AND MANUFACTURING, FAA REPAIR STATION A5MR151J, 3409 EAST WOOD STREET, PHOENIX, AZ 85040, PH: (602) 437-8080	RO# N/A PO# 4208915818

6. Item:	7. Description:	8. Part Number:	9. Quantity:	10. Serial Number:	11. Status/Work:
1	Wire Harness	3888449-2	1	071622615324	OVERHAULED

12. Remarks:

APPROVED TECHNICAL DATA: CMM 49-11-01 REV H Dated 2/6/2020; ORI P34359 REV B 12/23/2011; ORI P34914 REV D 08/06/18; ORI P35228 REV F 4/12/2019; ORI P35320 Rev A 5/14/2014

SERVICE BULLETINS ACCOMPLISHED: N/A

ADDITIONAL INFORMATION: UNIT HAS BEEN OVERHAULED AND TESTED SERVICEABLE

CERTIFIES THAT THE WORK SPECIFIED IN BLOCK 11/12 WAS CARRIED OUT IN ACCORDANCE WITH EASA PART 145 AND IN RESPECT TO THAT WORK THE COMPONENT IS CONSIDERED READY FOR RELEASE TO SERVICE UNDER EASA PART 145 APPROVAL NUMBER: 145.6073

DETAILS OF THIS WORK ORDER ARE ON FILE AT THIS FACILITY.

13a. Certifies the items identified above were manufactured in conformity to:		14a. ☑ 14 CFR 43.9 Return to Service ☑ Other regulation specified in Block 12	
☐ Approved design data and are in a condition for safe operation. ☐ Non-approved design data specified in Block 12.		Certifies that unless otherwise specified in Block 12, the work identified in Block 11 and described in Block 12 was accomplished in accordance with Title 14, Code of Federal Regulations, part 43 and in respect to that work, the items are approved for return to service.	
13b. Authorized Signature:	13c. Approval/Authorization No.:	14b. Authorized Signature: Luis Garcia	14c. Approval/Certificate No.: A5MR151J
13d. Name (Typed or Printed):	13e. Date (dd/mmm/yyyy):	14d. Name (Typed or Printed): Luis Garcia	14e. Date (dd/mmm/yyyy): 09/Apr/2020

User/Installer Responsibilities

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

Where the user/installer performs work in accordance with the national regulations of an airworthiness authority different than the airworthiness authority of the country specified in Block 1, it is essential that the user/installer ensures that his/her airworthiness authority accepts aircraft engine(s)/propeller(s)/article(s) from the airworthiness authority of the country specified in Block 1.

Statements in Blocks 13a and 14a do not constitute installation certification. In all cases, aircraft maintenance records must contain an installation certification issued in accordance with the national regulations by the user/installer before the aircraft may be flown.

1. Approving Competent Authority/Country *Autorité Compétente/Pays*	2.	3. Form Tracking Number *N°de repère du Formulaire*
DIRECTION GENERALE DE L'AVIATION CIVILE FRANCE	**AUTHORISED RELEASE CERTIFICATE** *Certificat libératoire autorisé* **EASA FORM 1** *Formulaire 1 de l'EASA*	**7511344** Page 1 of 1

4. Organisation Name and Address : *Nom et adresse de l'Organisme :*	5. Work Order/Contract/Invoice *Bon de commande/Contrat/Facture*
Honeywell Aerospace Vendome 18 boulevard de l'industrie 41100 VENDOME,FRANCE	5513031 4208876117

6. Item / *Item*	7. Description / *Description*	8. Part N° / *N° de pièce*	9. Qty /*Qté*	10. Serial N° /*N° série*	11. Status/Work/*Etat/Travaux*
	OIL COOLER	160564-2	1,00	7609	OVERHAULED

12. Remarks *Remarques*

Repaired per
CMM 49-94-32 Rev : 6
RECORED
PAN REPLACEMENT
CLEANED AND TESTED
STANDARD EXCHANGE

TSN: UNKNOWN
TSO: 0

SERIES 4

The work identified in Block 11 and described herein has been accomplished in accordance with 14 CFR part 43 and in respect to that work, the items are approved for return to service under certificate no. ENZY920N.

General Master Repair ref D0800 revision K

13a. Certifies that the items identified above were manufactured in conformity to:
Certifie que les éléments identifiés ci-dessus ont été fabriqués en conformité aux:

☐ approved design data and are in condition for safe operation
données de conception approuvées et sont en état de fonctionner en toute sécurité

☐ non-approved design data specified in block 12
données de conception non approuvées identifiées dans la case 12

14a ☒ Part 145A.50 Release to service
Approbation pour Remise en Service Selon Partie 145A.50

☒ Other regulation specified in block 12
Autre réglementation précisée en case 12

Certifies that unless otherwise specified in block 12 the work identified in block 11 and described in block 12 was accomplished in accordance with Part 145 and in respect to that work the items are considered ready for release to service.
Certifie que, sauf indication contraire spécifiée en case 12, les travaux identifiés en case 11 et décrits en case 12 ont été réalisés conformément à la Partie 145 et qu'au vu de ces travaux, les pièces sont considérées prêtes à la remise en service.

13b. Authorised Signature *Signature autorisée*	13c. Approval / Authorisation Number *Numéro d'agrément / d'autorisation*	14b. Authorised signature *Signature autorisée*	14c. Certificate / Approval Ref. N° *N° de certificat / d'agrément*
		PART 145/14CFR PART 145/CAR 573 Signataire habilité HAWABSA/01-??	FR.145.0090
13d. Name/Nom	**13e. Date (dd/mmm/yyyy)/Date (jj/mmm/aaaa)**	**14d. Name/Nom**	**14e. Date (dd/mmm/yyyy)/(jj/mmm/aaaa)**
		ABDERRAFIK SAMAA	04 Feb 2020

EASA Form 1 - Issue 2 / *Formulaire 1 de l'EASA - Edition 2*

USER/INSTALLER RESPONSIBILITIES *Responsabilités de l'utilisateur/installateur*

Note : This certificate does not automatically constitute authority to install the item(s)
Ce document ne constitue pas forcément l'autorisation d'installer l'(es) item(s)

Where the user/installer works in accordance with regulations of an airworthiness authority different from the airworthiness authority specified in block 1 it is essential that the user/installer ensures that his/her airworthiness authority accepts items from the airworthiness authority specified in block 1
Quand l'utilisateur/installateur travaille selon les réglementations d'une autorité de navigabilité différente de l'autorité de navigabilité mentionnée dans la case 1, il est essentiel que l'utilisateur/installateur s'assure que son autorité de navigabilité accepte les items libérés par l'autorité de navigabilité mentionnée dans la case 1.

Statements 13a and 14a do not constitute installation certification. In all cases the aircraft maintenance record must contain an installation certification issued in accordance with the national regulations by the user/installer before the aircraft may be flown.
Les indications portées dans les cases 13a et 14a ne constituent pas une certification de montage. Dans tous les cas le dossier d'entretien de l'aéronef doit contenir une certification d'installation délivrée conformément aux règlements nationaux par l'utilisateur/installateur avant que l'aéronef puisse voler.

Honeywell

Outside Shipper No. 8001353885

Ship Date:

Phoenix - Sky Harbor
Honeywell International Inc
1944 E Sky Harbor Circle
PHOENIX AZ 85034
USA

From		Ship To	
1169995	Phoenix - Sky Harbor Honeywell International Inc 1944 E Sky Harbor Circle PHOENIX AZ 85034 USA	ENGRNTL01	MRO PHOENIX- ENGINES RENTAL BANK Honeywell International Inc. 1944 E. Sky Harbor Circle PHOENIX AZ 85034 USA

Freight Forwarder		

Order Information	
Purchase Order	3692994
Service Order No.	
Contract No.	
Currency	
Payment Terms	
Incoterms	EXW SELLER'S FACILITY
DPAS Rating	

Shipping Information	
Bill of Lading	
Ship Method	Refer Freight Forwarder block
Ship Condition	Standard
Container Type	
No. of Containers	0
Dimensions	
Gross Weight	0 KG

PO Item No.	SO Item No.	Material No.	Description	Qty	UoM	Serial No.	Unit Price	Extended Price
001030	001030	3800702-1 Sch B: 8803300030	GTCP131-9B	1	EA	P-6767	0.00	0.00
						Total		0.00

THESE COMMODITIES LICENSED BY U.S. FOR ULTIMATE DESTINATION. DIVERSION CONTRARY TO U.S. LAW IS PROHIBITED.

Instructions:

Purchasing Representative:	Date:	Government Source Inspection (If Required)	Date:
Quality Assurance Representative	Date:	Customer Source Inspection (If Required)	Date:

This is to certify that the material and /or articles noted hereon were procured or manufactured under assurance system acceptable to the government and that applicable certificates and records are on file and available for review by authorized customer representatives.

HONEYWELL INSPECTOR

PQA of listed items has been made by me or under my supervision and they conform to contract except as noted herein or on supporting documents.

SIGNATURE : DATE:

WE HEREBY CERTIFY THAT THE GOODS COVERED BY THIS INVOICE WERE PRODUCED IN COMPLIANCE WITH ALL APPLICABLE REQUIRMENTS OF THE FAIR LABOR STANDARDS ACT, AS AMENDED , INCLUDING SECTIONS 6, 7 AND 2 THEREOF , AND OF THE REGULATIONS AND ORDERS OF THE UNITED STATES DEPARTMENT OF LABOR ISSUED UNDER SECTION 14 THEREOF.

APU MUST BE PRESERVED FOR STORAGE, IAW 49-7997.

Drain the oil. Cap the fluid lines. Add two pounds (0.907 kg) of desiccant to the gas path with a humidity indicator, refer to Paragraph 3.A.(1)(f). If space is limited, the desiccant can be distributed between the air inlet and the exhaust. Seal the APU with barrier material or barrier bag, refer to Paragraph 3.A.(1)(f). Check the humidity indicator every 30 days.

HONEYWELL BANK.

131-9B

P-6767

SO # 5004865490

PO# 10000911

1. Approving National Aviation Authority/Country:	2.	3. Form Tracking Number:
FAA/United States	**AUTHORIZED RELEASE CERTIFICATE** **FAA Form 8130-3, AIRWORTHINESS APPROVAL TAG**	890002316118Y15 310529105

4. Organization Name and Address:		5. Work Order/Contract/Invoice Number:
Honeywell International Inc 1944 E Sky Harbor Circle PHOENIX AZ 85034	Repair Station ZN3R030M	I0000911 310528513 Page 1 of 1

6. Item:	7. Description:	8. Part Number:	9. Eligibility:*	10. Quantity:	11. Serial / Batch Number:	12. Status / Work:
001	GTCP131-9B	3800702-1	N/A	1	P-6767	REPAIRED

13. Remarks :

THE SERVICE SPECIFIED HAS BEEN ACCOMPLISHED IN ACCORDANCE WITH:

EM 49-26-95 Rev 5, DEC/14/2009

TSN:6640:15 CSN:8184 TSR/CSR:-0-

SEE ATTACHED DOCUMENTS AS APPLICABLE FOR WORK PERFORMED

HONEYWELL CERTIFIES THAT THE WORK SPECIFIED IN BLOCKS 12/13 WAS CARRIED OUT IN ACCORDANCE WITH EASA PART 145 AND, WITH RESPECT TO THAT WORK, THE COMPONENT IS CONSIDERED READY FOR RELEASE TO SERVICE UNDER EASA PART 145 APPROVAL NUMBER: EASA 145.4136

14. Certifies the items identified above were manufactured in conformity to:		19. ☒ 14 CFR 43.9 Return to Service ☒ Other regulation specified in Block 13	
☐ Approved design data and are in a condition for safe operation. ☐ Non-approved design data specified in Block 13		Certifies that unless otherwise specified in Block 13, the work identified in Block 12 and described in Block13 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: Mario Gasca (22)	21. Approval/Certificate No.: **ZN3R030M**
17. Name (Typed or Printed):	18. Date (m d y):	22. Name (Typed or Printed): **MARIO GASCA**	23. Date (m d y): **DEC 03 2011**

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 national regulations of an airworthiness authority different than the airworthiness authority of the country specified in Block1, 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 Block1. Statements in Block 14 and 19 do not constitute installation certification. In all cases, aircraft maintanance records must contain an installation certification issued in accordance with the national regulations by the user/installer before the aircraft may be flown.

DATE	ACCUMU-LATED ENGINE HOURS	ACCUMU-LATED ENGINE HOURS	REMARKS, INSPECTIONS, REPAIRS, AND ADJUSTMENTS	SIGNATURE
12/3/11	**TSN** 6640:15	**CSN** 8184	**APU P/N** 3800702-1 **S/N** P-6767 **Model 131-9B**	
	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 49-26-95 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: NO TRACEABLE PARTS REPLACED THIS VISIT.	
			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 **310528513**	
			HONEYWELL AEROSPACE CERTIFIED REPAIR STATION	
			ZN3R030M **INSPECTOR:**	*MARIO GASCA* (22)

Honeywell

NDC / Life Limited Parts

Date	TSN	CSN	APU P/N 3800702-1 S/N P-6767	CUSTOMER
12/3/11	6640:15	8184	Model 131-9B	HONEYWELL E.R.B.

Noun	P/N	S/N	Status	Noun	P/N	S/N	Status
STARTER / GEN	28B545-7	58-B1317	4	SURGE VALVE	3291238-2	2955	4
LUBE MODULE	4131020-3	3912	4	FUEL CONTROL	441921-5	CUC12957	4
IGV ACTUATOR	3886188-2	3326	4	TEMP VALVE	160550-1	2053	4
OIL COOLER	160564-2	47-127	4	DATA MODULE	3876287-1	GE 3040	4
IGN UNIT	3888058-5	040218050856	4	LOAD VALVE	3291214-2	2536	4

REPAIR CODES 1-BENCH TEST 2-REPAIR 3-OVERHAUL 4- USED AS IS 5-NEW E- EXCHANGED

Noun	P/N	S/N	Time	Cycles
TIE SHAFT	----------	NOT EXPOSED	---	---
L/C IMPELLER	----------	NOT EXPOSED	N/A	N/A
E/C IMPELLER	----------	NOT EXPOSED	---	---
1ST T-WHEEL	----------	NOT EXPOSED	---	---
2ND T-WHEEL	----------	NOT EXPOSED	---	---

REPAIR ORDER: **310528513**
HONEYWELL AEROSPACE
CERTIFIED REPAIRED STATION
ZN3R030M

INSPECTOR: *MARIO GASCA* (22)

ENGINE MODEL: 131-9B
ENGINE SERIAL NUMBER: P-6767
CUSTOMER: MRO PHOENIX- ENGINES RENTAL BA
REPAIR ORDER: 2011-310528513-001

SERVICE RECORD
SERVICE BULLETIN COMPLIANCE

SERVICE BULLETIN	REV	DESCRIPTION	WHERE ACCOMP	WHEN ACCOMP
49-7997	2	SB 49-7997 AIRBORNE AUXILIARY POWER - GAS TURBINE ENGINE - STANDARD STORAGE AND PRESERVATION GUIDELINES	PHX	12/3/2011

HONEYWELL INTERNATIONAL
REPAIR STATION # ZN3R030M

INSPECTOR SIGNATURE: _____ (22)
MARIO GASCA

DATE:12/3/2011

HONEYWELL AEROSPACE SERVICES REPAIR AND OVERHAUL
REPAIR STATION #ZN3R030M

REF W.I. 21.200
FORM APU A_131
REV 11 DATED 100103

LAB TRAVELER

REPAIR ORDER: 5004865490 MODEL: 131-9B SERIAL NO.: P-6767 CUSTOMER: Bank ENGRNTL01
DATE: 11/29/2011 OUTLINE NO.: 3800702-1 RUN TYPE / BUILD: 1 BANK

ENGINEERING LAB INSTRUCTIONS: ADDRESS ALL ITEMS ON PAGE TWO OF THE LAB TRAVELER. Test per CMM/TI medium criteria.
Long term preservation. DMM Reviewed

OH ENGINEER/TS: Brian Colicci 602 538-9324 DATE: 11-29-11

MANUAL NO. USED : _____ REV: ___ T.I. NO. AND REV: 3800702 T ACC: X REJ: _____

DISCREPANCY REPORT: ✓ NO ___ YES TDR/IDR #: _____ HOURS THIS RUN: 2:36 TOTAL HOURS: 2:36 TOTAL STARTS: 4

UNIT PRESERVED: ✓ YES ___ NO TEMP COMP _____

CUSTOMER COMPLIANT VERIFIED: ___ YES ___ NO

THE DEFAULT OIL FOR THE TEST IS BP 2380 UNLESS ONE OF THE FOLLOWING IS CHECKED:
BP 2197 ☐ MOBIL JET II ☐ MOBIL JET 254 ☐

LAB RUN COMMENTS (REF DATA SHEET FOR DETAILS):

LAB TECH COMPLIANCE: ES6735

FT 176

LAB TECH SIGN: ES6735 DATE: 12/03/11 LAB ACCEPT SIGN: QO 114 DATE: 12-3-11

AE #1 _____ AE #2 _____ AE #3 _____

LOOSE ITEMS SENT WITH ENGINE:

PN:	SN:	PN:	SN:	PN:	SN:

PARTS REMOVED IN LAB

PN	SN	MECHANIC

PARTS INSTALLED IN LAB

PN	SN	MECHANIC

ACCEPTANCE TEST DATA SHEET
131-9[B]
LIGHT/MEDIUM REPAIR

USED WITH
TI-3800702
REV. T

UNIT OUTLINE: 3800702-1 MODEL: 131-9[B] UNIT S/N P- 6767

TEST CELL NO.: D115 RUN NO.: 1 DATE 12/02/11

REPAIR ORDER NO.: 5004865490

ECU P/N 2118966-222 S/N 117-B0090 SLAVE YES ✓ NO ____

ECU OPERATIONAL SW P/N 491B-TUS-A05-00

SPU P/N 1151984-1 S/N D15 SLAVE YES ✓ NO ____

SCU P/N 1152426-245 S/N 107C-0176 SLAVE YES ✓ NO ____

PERFORMANCE SUMMARY					
		2-PACK ECS - 700 HIGH +60KW		MES +65KW	
	DESCRIPTION	REQUIRED	ACTUAL	REQUIRED	ACTUAL
PBCOR	BLEED PRESSURE, PSIA	51.2 (MIN)	51.70	53.7 (MIN)	55.35
WBCOR	BLEED AIRFLOW, LB/MIN	155.0 (MIN)	157.5	N/A	142.4
TBCOR	BLEED TEMPERATURE, F	445.0 (MAX)	422.	445.0 (MAX)	434.
EGTCOR	EXHAUST GAS TEMPERATURE, F	1115.0 (MAX)	1028.	1105.0 (MAX)	1043.
WFCOR	FUEL CONSUMPTION, LB/HR	N/A	269.5	287.0 (REF)	262.1

PERFORMANCE DATA ADJUSTED TO S.L., 100F, INSTALLED CONDITIONS. EGTCOR AND WFCOR ARE ALSO CORRECTED TO MINIMUM BLEED PRESSURE. WFCOR (REF) IS A REFERENCE ONLY VALUE AND NOT A REQUIREMENT.

INITIAL IGV POSITION 4.1.2(B) 46 DEGREES, INITIAL PBCOR 52.8 PSIA

FINAL IGV POSITION 4.1.2(C) 44 DEGREES, FINAL PBCOR 51.8 PSIA

ECS OFFSET=(FINAL IGV-INITIAL IGV)= -2 DEGREES

OTHER ACCEPTANCE DATA						
ITEM	PARAGRAPH	PARAMETER	UNITS	DATA POINT	VALUE	REQUIRED
FLOW SENSOR CHECK	4.1.4(G)	WBCDNA	LB/MIN	4.	49.2	FIGURE 7
FLOW SENSOR CHECK	4.1.4(J)	WBCDNA	LB/MIN	5.	50.7	FIGURE 7
FLOW SENSOR ACCURACY	4.1.4(K)	WC	- -	- -	-0.02	+/-5

SCV STABILITY (4.1.5) SCV IS STABLE YES ✓ NO ____

MINIMUM SURGE MARGIN (4.1.6) UNIT PASS MINIMUM SURGE MARGIN (4.1.6) YES ✓ NO ____

AC POWER START TIME 36 SEC (4.1.7)

DC POWER START TIME 38 SEC (4.1.7)

LOAD CYCLE STABILITY 4.2(C) 96 KW (0007) STABLE YES ✓ NO ____

LOAD CYCLE STABILITY 4.2(E) MES (0008) STABLE YES ✓ NO ____

LOAD CYCLE STABILITY 4.2(G) MES +96KW (0009) STABLE YES ✓ NO ____ EGTCOR 1107. (MAX 1160F)

LOAD CYCLE STABILITY 4.2(H) RTL STABLE YES ✓ NO ____

APU FAULTS OBSERVED 5.1(B) NONE ✓ OTHER ____

APU DRY WEIGHT: ____ LB

TOTAL NUMBER OF STARTS(DURING ATP): 4

TOTAL OPERATING TIME(DURING ATP): 2:36 HR/MIN

UNIT STATUS: ACCEPT [X] REJECT [ ]

WE CERTIFY THE ABOVE DATA ARE TRUE AND CORRECT, AND IN ADDITION, THE UNIT HAS SUCCESSFULLY MET ALL OTHER TEST REQUIREMENTS SPECIFIED IN THE LATEST REVISION OF THE APPLICABLE TEST SPECIFICATION INDICATED ABOVE

	SIGNATURE	DATE
TECHNICIAN	[illegible] E536733 FT 176	12/03/11
SUPERVISOR	J. JACOBSEN FT 176	12-3-11
QUALITY ASSURANCE	[illegible] QO 114	12-3-11

ACCEPTANCE TEST DATA SHEET
LIGHT/MEDIUM REPAIR 131-9(B)
TEST CELL D115

FT 176

APU S/N P- 6767

PARAMETER DESCRIPTION			ATP PARAGRAPH-->		4.1.2E	4.1.3C	4.1.1E
					2PCK-700 ECS HIGH	MES	RTL
DIGITAL DATA SCAN				HR:MIN	21:33	03:34	21:17
DIGITAL DATA POINT NUMBER					2.	3.	1.
PBAR	BAROMETRIC PRESSURE			PSIA	14.10	14.11	14.10
PCELL	CELL PRESSURE			PSIA	14.09	14.08	14.09
T1	T1-APU INLET TEMPERATURE (AVG)			DEG F	53.4	53.9	51.8
TENIVA	UNIT INLET TEMPERATURE (T2)			DEG F	53.7	55.1	53.7
POIL	OIL PRESSURE -- LUBE PUMP DISCHARGE			PSIG	65.3	65.0	65.7
TOIL	OIL TEMPERATURE -- LUBE PUMP DISCHARGE			DEG F	173.9	176.6	170.1
PSGBX	GEARBOX PRESSURE -- SUMP			IN H2O	-1.90	-2.02	-1.19
TFUEL	FUEL INLET TEMPERATURE			DEG F	55.	53.	55.
PFUEL	FUEL INLET PRESSURE			PSIG	31.	31.	32.
VIBGBA	UNIT VIBRATION -- GEARBOX			IN/SEC	0.35	0.31	0.42
VIBTHA	UNIT VIBRATION -- TURBINE			IN/SEC	0.15	0.14	0.12
VIBP1E	ONE-PER-REV TURBINE POST			IN/SEC	1.0	0.6	0.9
XNL	SHAFT SPEED			RPM	48800.	48801.	48800.
PIGV	INLET GUIDE VANE POSITION			DEGREE	43.8	90.0	21.8
PCDFD	COMPRESSOR DISCHARGE STATIC PRESSURE			PSIA	14.2	14.2	14.2
TCDFD	COMPRESSOR DISCHARGE TEMPERATURE			DEG F	53.	59.	52.9
TTDEA	TURBINE DISCHARGE TEMPERATURE	#1		DEG F	811.	993.	644.
TTDEB	(UNIT EGT)	#2		DEG F	818.	963.	666.
EGT	LAB EGT (AVG)			DEG F	791.	942.	644.
PS9	EXHAUST STATIC PRESSURE			PSIA	14.05	14.06	14.04
PBORFA	BLEED AIR ORIFICE PRESSURE			PSIA	33.7	57.5	[redacted]
TBORFA	BLEED AIR ORIFICE TEMPERATURE (AVG)			DEG F	302.	367.	[redacted]
PDBORA	BLEED AIR ORIFICE DELTA P			PSID	0.95	1.15	[redacted]
WB	BLEED AIRFLOW			LB/MIN	113.7	157.6	[redacted]
WBCDNA	CORRECTED DISCHARGE AIRFLOW			LB/MIN	58.0	49.8	[redacted]
PB	BLEED PRESSURE (AVG)			PSIA	35.41	59.51	[redacted]
TB	BLEED TEMPERATURE (AVG)			DEG F	323.	389.	[redacted]
WF	FUEL FLOW (AVG)			LB/HR	219.6	270.6	168.2
PWGEN	GENERATOR LOAD - POWER FACTOR = 1.0			KW	58.3	64.0	0.1
CALCULATIONS:							
GENSL	GENERATOR LOAD AT SEA LEVEL -- PWGEN/(PCELL/14.696)			KW	60.8	66.8	[redacted]
	APU DELTAP/DELTA -- (PCELL-PS9)/(PCELL/14.696)			PSID	0.04	0.03	[redacted]
	BLEED PRESSURE AT SEA LEVEL -- PB/(PCELL/14.696)			PSIA	36.92	62.09	[redacted]
DELPB	BLEED PRESSURE LAPSE RATE CORRECTION			PSIA	16.38	-5.14	[redacted]
	INSTALLATION EFFECT ON BLEED PRESSURE			PSIA	-1.60	-1.60	[redacted]
PBCOR	BLEED PRESSURE CORRECTED TO SEA LEVEL, 100F, INSTALLED			PSIA	51.70	55.35	[redacted]
	BLEED AIRFLOW AT SEA LEVEL -- WB/(PCELL/14.696)			LB/MIN	118.6	164.4	[redacted]
DELWB	BLEED FLOW LAPSE RATE CORRECTION			LB/MIN	42.9	-18.0	[redacted]
	INSTALLATION EFFECT ON WB			LB/MIN	-4.0	-4.0	[redacted]
WBCOR	BLEED AIRFLOW CORRECTED TO SEA LEVEL, 100F, INSTALLED			LB/MIN	157.5	142.4	[redacted]
DELTB	BLEED TEMPERATURE LAPSE RATE CORRECTION			DEG F	99.	46.	[redacted]
TBCOR	BLEED TEMPERATURE CORRECTED TO SEA LEVEL, 100F, INSTALLED			DEG F	422.	434.	[redacted]
DELEGT	EGT LAPSE RATE CORRECTION			DEG F	210.	87.	[redacted]
	APU DELTA P CORRECTION ON EGT-(33*(PCELL-PS9)/(PCELL/14.696))			DEG F	1.	1.	[redacted]
	INSTALLATION EFFECT ON EGT			DEG F	30.	30.	[redacted]
	EXCESS BLEED PRESSURE CORRECTION ON EGT-- (-10*(PBCOR-PBREQ))			DEG F	5.	17.	[redacted]
EGTCOR	EGT CORRECTED TO SEA LEVEL, 100F, INSTALLED, AT PBREQ			DEG F	1028.	1043.	[redacted]
	SEA LEVEL FUEL FLOW -- WF/(PCELL/14.696)*(FLHV/18550)			LB/HR	228.3	281.5	[redacted]
DELWF	FUEL FLOW LAPSE RATE CORRECTION			LB/HR	42.3	-13.6	[redacted]
	APU DELTA P CORRECTION ON WF --(8*(PCELL-PS9)/(PCELL/14.696))			LB/HR	0.4	0.2	[redacted]
	INSTALLATION EFFECT ON WF			LB/HR	0.6	0.6	[redacted]
	EXCESS BLEED PRESSURE CORRECTION ON WF -- (-4*(PBCOR-PBREQ))			LB/HR	2.0	6.6	[redacted]
WFCOR	FUEL FLOW CORRECTED TO SEA LEVEL, 100F, INSTALLED, AT PBREQ			LB/HR	269.5	262.1	[redacted]

[redacted] - DATA NOT NEEDED OR APPLICABLE QA APPROVAL QO 114

DATE 12/02/11
TEST CREW L. Ruckstuhl
CELL 815
PROD. RELEASE OR R/O # 5004865490

GAS TURBINE TEST LOG

PAGE NO 1
ASSY. NO. 3800702-1
S/N P-6767
Build # 1

START TIME	STOP TIME	RUN MIN.	STARTS	TIME	REMARKS
				P/T	Unit installed in test cell per TI and CK LIST.
					Slave filters installed. LOR CK C/W = OK. Unit serviced
					with oil. DMM set. R/O CW = OK 24psi P. oil at
					9659 RPM - No unusual noises on roll down. Mag
					plug ck good. oil serviced.
2013	2032	:19 :19	1	AC	A/S = 39 sec. P3.8(b) Run-In C/W. No leaks noted S/D. No
					unusual noises on roll down. oil temp 170°F at shut down.
					Mag plug ck good. oil level good. Unit temp below 150°F. Verified
					by R. Scott. Unit washed.
2100			2	AC	A/S = 36 sec. 4.1.1 RTL DP #1 taken @ 2117 P4.1.2 ECS
					Perf and offset. DP #2 Initial IGV = 46. Initial
					PB Cor = 52.8. Final ICV = 44. Final PB cor = 51.8
					ECS OFFset = -2. DP #2 Taken @ 2137. P4.1.3
					MES Perf. DLABVN out of limits suppose to be 40 to -40,
	2156	:56 1:15			reading 42-46. S/D. Swapped Atomizers 3:00 & 9:00, 10:00
					and 4:00 positions.
					Turnover 12/03/11 J. Fiori
0320			3	DC	A/S = 40sec. P4.1.3 MES Perf = C/W. Record DP3 @ 0334. P4.1.4 Flow Sensor
					Ck = C/W. Record DP4 @ 0336 Record DP5 @ 0337 FSACC = -0.5%
					No Surge. Stability Ck = OK SCV stable, No cycling P4.1.6 Min Surge
					Margin Ck = C/W. Record DP6 @ 0340 No Surge @ 42.8 lb/min P4.2 Load
					Cycle = C/W. Record DP7 @ 0353 Record DP8 @ 0404 Record DP9 @
	0431	1:11 2:26			0420 Stabilize @ RTL. S/D No Faults.
					Strip unit for lk ck. Reinstalled original filters. Delta P: Chip Collector = OK
0455	0505	:10 3:36	4	DC	A/S = 38 sec. Leak check = No Leaks. Preserve Unit 1010. S/D No Faults.
					Set DMM offset to -2. Verified DMM's No Faults through MCDU. Removed
					remaining lab equipt. Drained oil
					Total Fuel: 82 gallon
					Unit Accepted: QA = E536733 [FT 176] Date: 12/03/11
				TOTAL	

12/3/2011 Overhaul ATP for ENGINE S/N P6767
WINDMM.EXE Version 2.11.05 131-9B Production Version 03.10

1	Item Count	126	126	NUMBER ENTRIES IN DMM
2	SW Version	0	0	ECU / DMM COMPATIBILITY SOFTWARE VERSION (SV)
3	APUser.pre	P	P	APU SERIAL NUMBER PREFIX
4	APUser.num1	00	00	APU SERIAL NUMBER (FIRST 2 DIGITS)
5	APUser.num2	00	00	APU SERIAL NUMBER (NEXT 2 DIGITS)
6	APUser.num3	67	67	APU SERIAL NUMBER (NEXT 2 DIGITS)
7	APUser.num4	67	67	APU SERIAL NUMBER (LAST 2 DIGITS)
8	APUser.suf			APU SERIAL NUMBER (SUFFIX 2 DIGITS)
9	APUhours	6642	6642	HOURS
10	APUminutes	51	51	MINUTES
11	APUcycles	8188	8188	CYCLES
12	ECS_OFFSET	-200	-2	ECS OFFSET DEGREES (SV)
13	FUELOFF100	0	0	FUEL FLOW OFFSET AT 100 POUNDS PPH (SV)
14	FUELOFF200	0	0	FUEL FLOW OFFSET AT 200 PPH (SV)
15	ABSTARTS	0	0	NUMBER OF UNSUCCESSFUL STARTS (SV)
16	APU_OPTIONS	5	5	APU OPTION FLAGS
	BIT 0: TRUE	Low Oil Quantity Light Disable		
	BIT 2: TRUE	Ice Break / IGV Sweep Logic Disable		
17	FLTSTRT	0	0	NUMBER OF INFLIGHT STARTS (SV)
18	ABFLTSTRT	0	0	NUMBER OF UNSUCCESSFUL INFLIGHT STARTS (SV)
19	TURB_CYCLES	1072	1072	CYCLES SINCE TURBINE REPAIR (TB)
20	LC_CYCLES	1072	1072	CYCLES SINCE LOAD COMP REPAIR (LC)
21	EC_CYCLES	1072	1072	CYCLES SINCE ENGINE COMP REPAIR (EC)
22	CLOG_FILTER	0	0	NUMBER OF CLOGGED OIL FILTER SHUTDOWNS (SV)
23		0	0	SPARE
24		0	0	SPARE
25	INSTALLHR	0	0	TIME SINCE AIRPLANE INSTALLATION HOURS (SV)
26	INSTALLMIN	0	0	TIME SINCE AIRPLANE INSTALLATION MINUTES (SV)
27	ECSHOURS	0	0	OPERATING TIME IN ECS HOURS (SV)
28	ECSMINUTES	0	0	OPERATING TIME IN ECS MINUTES (SV)
29	FLTHOURS	0	0	OPERATING TIME IN FLIGHT HOURS (SV)
30	FLTMINUTES	0	0	OPERATING TIME IN FLIGHT MINUTES (SV)
31	HOTTIME	0	0	OPERATING HOURS T2 GREATER 100 DEGF (SV)
32	COLDTIME	0	0	OPERATING HOURS T2 LESS 0 DEGF (SV)
33	NMES	0	0	NUMBER OF MAIN ENGINE STARTS (SV)
34	HIGHSTRT	0	0	NUMBER OF START ATTEMPTS ABOVE 25000 FT (SV)
35	BRRSTRT	0	0	NUMBER OF STARTS OILTEMP LESS 0 DEGF (SV)
36	BRRRRSTRT	0	0	NUMBER OF STARTS OILTEMP LESS -40 DEGF (SV)
37	LOWOILPR	0	0	NUMBER OF LOW OIL PRESSURE SHUTDOWNS (SV)
38	NUM3LOP	0	0	NUMBER OF 3 CONSECUTIVE LOP SHUTDOWNS (SV)
39	CONSECLOP	0	0	NUMBER OF CONSECUTIVE LOP SHUTDOWNS (SV)
40	HOT	0	0	NUMBER OF HIGH OIL TEMPERATURE SHUTDOWNS (SV)
41	OVRTMPGOV	0	0	NUMBER OF ONSPEED OVERTEMP SHUTDOWNS (SV)
42	OVRTMPSTRT	0	0	NUMBER OF STARTING OVERTEMP SHUTDOWNS (SV)
43	REVFLOW	0	0	NUMBER OF REVERSE FLOW SHUTDOWNS (SV)
44	NOACCEL	0	0	NUMBER OF NO ACCELERATION SHUTDOWNS (SV)
45	OVERSPEED	0	0	NUMBER OF OVERSPEED SHUTDOWNS (SV)
46	UNDERSPEED	0	0	NUMBER OF UNDERSPEED SHUTDOWNS (SV)
47	INFLTSD	0	0	NUMBER OF INFLIGHT SHUTDOWNS (SV)
48	AKWECS(1)	0	0	AVERAGE GEN LOAD ECS KW * (SV)
49	AKWECS(2)	0	0	AVERAGE GEN LOAD ECS KW (SV)
50	AKWMES(1)	0	0	AVERAGE GEN LOAD MES KW * (SV)
51	AKWMES(2)	0	0	AVERAGE GEN LOAD MES KW (SV)
52	AKWFLT(1)	0	0	AVERAGE GEN LOAD INFLIGHT KW * (SV)
53	AKWFLT(2)	0	0	AVERAGE GEN LOAD INFLIGHT KW (SV)
54	AT4ECS(1)	0	0	AVERAGE T4 ECS DEG F* (SV)
55	AT4ECS(2)	0	0	AVERAGE T4 ECS DEG F (SV)
56	AT4MES(1)	0	0	AVERAGE T4 MES DEG F* (SV)
57	AT4MES(2)	0	0	AVERAGE T4 MES DEG F (SV)
58	AT4FLT(1)	0	0	AVERAGE T4 INFLIGHT DEG F* (SV)
59	AT4FLT(2)	0	0	AVERAGE T4 INFLIGHT DEG F (SV)
60	T1800	2	0.200	HOURS T4 > 1800 DEG F (TB)
61	T1850	0	0	HOURS T4 > 1850 DEG F (TB)
62	T1900	0	0	HOURS T4 > 1900 DEG F (TB)
63	T1950	0	0	HOURS T4 > 1950 DEG F (TB)
64	T2000	0	0	HOURS T4 > 2000 DEG F (TB)
65	RECT4R	18824	1882.400	HIGHEST T4 ONSPEED DEGF (TB)
66	RECT5S	16245	1624.500	HIGHEST T5 DURING START DEGF (TB)
67	ABRTCLDN	0	0	NUMBER OF ABORTED COOLDOWNS (SV)
68	CT5ATP	21217	1112.170	AVERAGE CORR T5 DURING MES DEGF (TB)
69	MDNCT5ATP	21261	1112.610	MAIDEN CORR T5 DURING MES DEGF (TB)
70	CT5ATPXX500	9618	996.180	CORR T5 MES AT XX500 HOURS DEGF
71	CT5ATPX1000	15273	1052.730	CORR T5 MES AT X1000 HOURS DEGF
72	CT5ATPX1500	16461	1064.610	CORR T5 MES AT X1500 HOURS DEGF
73	CT5ATPX2000	9746	997.460	CORR T5 MES AT X2000 HOURS DEGF
74	CT5ATPX2500	11362	1013.620	CORR T5 MES AT X2500 HOURS DEGF
75	CT5ATPX3000	11306	1013.060	CORR T5 MES AT X3000 HOURS DEGF
76	CT5ATPX3500	13772	1037.720	CORR T5 MES AT X3500 HOURS DEGF
77	CT5ATPX4000	14756	1047.560	CORR T5 MES AT X4000 HOURS DEGF

78	CT5ATPX4500	17609	1076.090 CORR T5 MES AT X4500 HOURS DEGF
79	CT5ATPX5000	16088	1060.880 CORR T5 MES AT X5000 HOURS DEGF
80	CT5ATPX6000	18377	1083.770 CORR T5 MES AT X6000 HOURS DEGF
81	CT5ATPX7000	0	900 CORR T5 MES AT X7000 HOURS DEGF
82	CT5ATPX8000	0	900 CORR T5 MES AT X8000 HOURS DEGF
83	CT5ATPX9000	0	900 CORR T5 MES AT X9000 HOURS DEGF
84	CT5ATPX0000	0	900 CORR T5 MES AT X10000 HOURS DEGF
85	CPTATP	55701	55.701 AVERAGE CORR PT DURING MES PSIA (LC)
86	MDNCPTATP	55983	55.983 MAIDEN CORR PT DURING MES PSIA (LC)
87	CPTATPXX500	56329	56.329 CORR PT DURING MES AT XX500 HOURS PSIA
88	CPTATPX1000	57083	57.083 CORR PT DURING MES AT X1000 HOURS PSIA
89	CPTATPX1500	57212	57.212 CORR PT DURING MES AT X1500 HOURS PSIA
90	CPTATPX2000	56239	56.239 CORR PT DURING MES AT X2000 HOURS PSIA
91	CPTATPX2500	55278	55.278 CORR PT DURING MES AT X2500 HOURS PSIA
92	CPTATPX3000	55766	55.766 CORR PT DURING MES AT X3000 HOURS PSIA
93	CPTATPX3500	54670	54.670 CORR PT DURING MES AT X3500 HOURS PSIA
94	CPTATPX4000	55268	55.268 CORR PT DURING MES AT X4000 HOURS PSIA
95	CPTATPX4500	55973	55.973 CORR PT DURING MES AT X4500 HOURS PSIA
96	CPTATPX5000	55924	55.924 CORR PT DURING MES AT X5000 HOURS PSIA
97	CPTATPX6000	55425	55.425 CORR PT DURING MES AT X6000 HOURS PSIA
98	CPTATPX7000	0	0 CORR PT DURING MES AT X7000 HOURS PSIA
99	CPTATPX8000	0	0 CORR PT DURING MES AT X8000 HOURS PSIA
100	CPTATPX9000	0	0 CORR PT DURING MES AT X9000 HOURS PSIA
101	CPTATPX0000	0	0 CORR PT DURING MES AT X10000 HOURS PSIA
102	CWFATP	0	0 AVERAGE CORR FUEL FLOW DURING MES PPH (SV)
103	MDNCWFATP	0	0 MAIDEN CORR FUEL FLOW DURING MES PPH (SV)
104	CWFATPXX500	27594	275.940 ORR FUEL FLOW MES AT XX500 HOURS PPH
105	CWFATPX1000	29441	294.410 CORR FUEL FLOW MES AT X1000 HOURS PPH
106	CWFATPX1500	29517	295.170 CORR FUEL FLOW MES AT X1500 HOURS PPH
107	CWFATPX2000	27592	275.920 CORR FUEL FLOW MES AT X2000 HOURS PPH
108	CWFATPX2500	27764	277.640 CORR FUEL FLOW MES AT X2500 HOURS PPH
109	CWFATPX3000	27980	279.800 CORR FUEL FLOW MES AT X3000 HOURS PPH
110	CWFATPX3500	30092	300.920 CORR FUEL FLOW MES AT X3500 HOURS PPH
111	CWFATPX4000	29964	299.640 CORR FUEL FLOW MES AT X4000 HOURS PPH
112	CWFATPX4500	27565	275.650 CORR FUEL FLOW MES AT X4500 HOURS PPH
113	CWFATPX5000	27348	273.480 CORR FUEL FLOW MES AT X5000 HOURS PPH
114	CWFATPX6000	27873	278.730 CORR FUEL FLOW MES AT X6000 HOURS PPH
115	CWFATPX7000	0	0 CORR FUEL FLOW MES AT X7000 HOURS PPH
116	CWFATPX8000	0	0 CORR FUEL FLOW MES AT X8000 HOURS PPH
117	CWFATPX9000	0	0 CORR FUEL FLOW MES AT X9000 HOURS PPH
118	CWFATPX0000	0	0 CORR FUEL FLOW MES AT X10000 HOURS PPH
119	IGVATP	9020	90.200 IGV POSITION DURING MES DEGREES
120	NLOADSHED	0	0 NUMBER OF LOADSHED OCCURANCES (SV)
121	LOADSHED8P3	0	0 NUMBER OF LOADSHEDS P2 LESS 8.3 PSIA (SV)
122	LOADSHED5P2	0	0 NUMBER OF LOADSHEDS P2 LESS 5.2 PSIA (SV)
123	SPDROOPS	0	0 NUMBER OF SPEED DROOPS BELOW 85% SPEED (SV)
124	OVRHAUL_HR	0	0 HOURS SINCE LAST SHOP VISIT (SV)
125	OVRHAUL_MIN	0	0 MINUTES SINCE LAST SHOP VISIT (SV)
126	APU_HOURS_H	0	0 APU HOURS HIGH (ADD TO APUHOURS ENTRY 9)

11/29/2011 Data Conversion For ENGINE S/N P6767
WINDMM.EXE Version 2.07.01 131-9B Overhaul Version 02.10

1	Item Count	126	126	NUMBER ENTRIES IN DMM
2	SW Version	07	07	ECU / DMM COMPATIBILITY SOFTWARE VERSION
3	APUser.pre	P	P	APU SERIAL NUMBER PREFIX
4	APUser.num1	00	00	APU SERIAL NUMBER (FIRST 2 DIGITS)
5	APUser.num2	00	00	APU SERIAL NUMBER (NEXT 2 DIGITS)
6	APUser.num3	67	67	APU SERIAL NUMBER (NEXT 2 DIGITS)
7	APUser.num4	67	67	APU SERIAL NUMBER (LAST 2 DIGITS)
8	APUser.suf			APU SERIAL NUMBER (SUFFIX 2 DIGITS)
9	APUhours	6640	6640	HOURS
10	APUminutes	15	15	MINUTES
11	APUcycles	8184	8184	CYCLES
12	ECS_OFFSET	-537	-5.370	ECS OFFSET DEGREES
13	FUELOFF100	957	9.570	FUEL FLOW OFFSET AT 100 POUNDS PPH
14	FUELOFF200	1017	10.170	FUEL FLOW OFFSET AT 200 PPH
15	ABSTARTS	0	0	NUMBER OF UNSUCCESSFUL STARTS
16	APU_OPTIONS	5	5	APU OPTION FLAGS
	BIT 0: TRUE Low Oil Quantity Light Disable			
	BIT 2: TRUE Undefined			
17	FLTSTRT	0	0	NUMBER OF INFLIGHT STARTS
18	ABFLTSTRT	0	0	NUMBER OF UNSUCCESSFUL INFLIGHT STARTS
19	TURB_CYCLES	1068	1068	CYCLES SINCE TURBINE REPAIR
20	LC_CYCLES	1068	1068	CYCLES SINCE LOAD COMP REPAIR
21	EC_CYCLES	1068	1068	CYCLES SINCE ENGINE COMP REPAIR
22	CLOG_FILTER	0	0	NUMBER OF CLOGGED OIL FILTER SHUTDOWNS
23		0	0	SPARE
24		0	0	SPARE
25	INSTALLHR	122	122	TIME SINCE AIRPLANE INSTALLATION HOURS
26	INSTALLMIN	290	29	TIME SINCE AIRPLANE INSTALLATION MINUTES
27	ECSHOURS	94	94	OPERATING TIME IN ECS HOURS
28	ECSMINUTES	318	31.800	OPERATING TIME IN ECS MINUTES
29	FLTHOURS	0	0	OPERATING TIME IN FLIGHT HOURS
30	FLTMINUTES	186	18.600	OPERATING TIME IN FLIGHT MINUTES
31	HOTTIME	0	0	OPERATING HOURS T2 GREATER 100 DEGF
32	COLDTIME	0	0	OPERATING HOURS T2 LESS 0 DEGF
33	NMES	292	292	NUMBER OF MAIN ENGINE STARTS

34	HIGHSTRT	0	0	NUMBER OF START ATTEMPTS ABOVE 25000 FT
35	BRRSTRT	0	0	NUMBER OF STARTS OILTEMP LESS 0 DEGF
36	BRRRRSTRT	0	0	NUMBER OF STARTS OILTEMP LESS -40 DEGF
37	LOWOILPR	0	0	NUMBER OF LOW OIL PRESSURE SHUTDOWNS
38	NUM3LOP	0	0	NUMBER OF 3 CONSECUTIVE LOP SHUTDOWNS
39	CONSECLOP	0	0	NUMBER OF CONSECUTIVE LOP SHUTDOWNS
40	HOT	0	0	NUMBER OF HIGH OIL TEMPERATURE SHUTDOWNS
41	OVRTMPGOV	0	0	NUMBER OF ONSPEED OVERTEMP SHUTDOWNS
42	OVRTMPSTRT	0	0	NUMBER OF STARTING OVERTEMP SHUTDOWNS
43	REVFLOW	0	0	NUMBER OF REVERSE FLOW SHUTDOWNS
44	NOACCEL	0	0	NUMBER OF NO ACCELERATION SHUTDOWNS
45	OVERSPEED	0	0	NUMBER OF OVERSPEED SHUTDOWNS
46	UNDERSPEED	0	0	NUMBER OF UNDERSPEED SHUTDOWNS
47	INFLTSD	0	0	NUMBER OF INFLIGHT SHUTDOWNS
48	AKWECS(1)	2	13.107	AVERAGE GEN LOAD ECS KW *
49	AKWECS(2)	23713	2.371	AVERAGE GEN LOAD ECS KW
50	AKWMES(1)	4	26.214	AVERAGE GEN LOAD MES KW *
51	AKWMES(2)	45327	4.533	AVERAGE GEN LOAD MES KW
52	AKWFLT(1)	0	0	AVERAGE GEN LOAD INFLIGHT KW *
53	AKWFLT(2)	4407	0.441	AVERAGE GEN LOAD INFLIGHT KW
54	AT4ECS(1)	231	1513.882	AVERAGE T4 ECS DEG F*
55	AT4ECS(2)	21135	2.114	AVERAGE T4 ECS DEG F
56	AT4MES(1)	254	1664.614	AVERAGE T4 MES DEG F*
57	AT4MES(2)	50256	5.026	AVERAGE T4 MES DEG F
58	AT4FLT(1)	232	1520.435	AVERAGE T4 INFLIGHT DEG F*
59	AT4FLT(2)	54538	5.454	AVERAGE T4 INFLIGHT DEG F
60	T1800	2	0.200	HOURS T4 > 1800 DEG F
61	T1850	0	0	HOURS T4 > 1850 DEG F
62	T1900	0	0	HOURS T4 > 1900 DEG F
63	T1950	0	0	HOURS T4 > 1950 DEG F
64	T2000	0	0	HOURS T4 > 2000 DEG F
65	RECT4R	18824	1882.400	HIGHEST T4 ONSPEED DEGF
66	RECT5S	16245	1624.500	HIGHEST T5 DURING START DEGF
67	ABRTCLDN	2	2	NUMBER OF ABORTED COOLDOWNS
68	CT5ATP	19183	1091.830	AVERAGE CORR T5 DURING MES DEGF
69	MDNCT5ATP	21261	1112.610	MAIDEN CORR T5 DURING MES DEGF
70	CT5ATPXX500	9618	996.180	CORR T5 MES AT 500 HOURS DEGF
71	CT5ATPX1000	15273	1052.730	CORR T5 MES AT 1000 HOURS DEGF

72	CT5ATPX1500	16461	1064.610	CORR T5 MES AT 1500 HOURS DEGF
73	CT5ATPX2000	9746	997.460	CORR T5 MES AT 2000 HOURS DEGF
74	CT5ATPX2500	11362	1013.620	CORR T5 MES AT 2500 HOURS DEGF
75	CT5ATPX3000	11306	1013.060	CORR T5 MES AT 3000 HOURS DEGF
76	CT5ATPX3500	13772	1037.720	CORR T5 MES AT 3500 HOURS DEGF
77	CT5ATPX4000	14756	1047.560	CORR T5 MES AT 4000 HOURS DEGF
78	CT5ATPX4500	17609	1076.090	CORR T5 MES AT 4500 HOURS DEGF
79	CT5ATPX5000	16088	1060.880	CORR T5 MES AT 5000 HOURS DEGF
80	CT5ATPX6000	18377	1083.770	CORR T5 MES AT 6000 HOURS DEGF
81	CT5ATPX7000	0	900	CORR T5 MES AT 7000 HOURS DEGF
82	CT5ATPX8000	0	900	CORR T5 MES AT 8000 HOURS DEGF
83	CT5ATPX9000	0	900	CORR T5 MES AT 9000 HOURS DEGF
84	CT5ATPX0000	0	900	CORR T5 MES AT 10000 HOURS DEGF
85	CPTATP	56050	56.050	AVERAGE CORR PT DURING MES PSIA
86	MDNCPTATP	55983	55.983	MAIDEN CORR PT DURING MES PSIA
87	CPTATPXX500	56329	56.329	CORR PT DURING MES AT 500 HOURS PSIA
88	CPTATPX1000	57083	57.083	CORR PT DURING MES AT 1000 HOURS PSIA
89	CPTATPX1500	57212	57.212	CORR PT DURING MES AT 1500 HOURS PSIA
90	CPTATPX2000	56239	56.239	CORR PT DURING MES AT 2000 HOURS PSIA
91	CPTATPX2500	55278	55.278	CORR PT DURING MES AT 2500 HOURS PSIA
92	CPTATPX3000	55766	55.766	CORR PT DURING MES AT 3000 HOURS PSIA
93	CPTATPX3500	54670	54.670	CORR PT DURING MES AT 3500 HOURS PSIA
94	CPTATPX4000	55268	55.268	CORR PT DURING MES AT 4000 HOURS PSIA
95	CPTATPX4500	55973	55.973	CORR PT DURING MES AT 4500 HOURS PSIA
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97	CPTATPX6000	55425	55.425	CORR PT DURING MES AT 6000 HOURS PSIA
98	CPTATPX7000	0	0	CORR PT DURING MES AT 7000 HOURS PSIA

99	CPTATPX8000	0	0	CORR PT DURING MES AT 8000 HOURS PSIA
100	CPTATPX9000	0	0	CORR PT DURING MES AT 9000 HOURS PSIA
101	CPTATPX0000	0	0	CORR PT DURING MES AT 10000 HOURS PSIA
102	CWFATP	27289	272.890	AVERAGE CORR FUEL FLOW DURING MES PPH
103	MDNCWFATP	27451	274.510	MAIDEN CORR FUEL FLOW DURING MES PPH
104	CWFATPXX500	27594	275.940	ORR FUEL FLOW MES AT 500 HOURS PPH
105	CWFATPX1000	29441	294.410	CORR FUEL FLOW MES AT 1000 HOURS PPH
106	CWFATPX1500	29517	295.170	CORR FUEL FLOW MES AT 1500 HOURS PPH
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112	CWFATPX4500	27565	275.650	CORR FUEL FLOW MES AT 4500 HOURS PPH
113	CWFATPX5000	27348	273.480	CORR FUEL FLOW MES AT 5000 HOURS PPH
114	CWFATPX6000	27873	278.730	CORR FUEL FLOW MES AT 6000 HOURS PPH
115	CWFATPX7000	0	0	CORR FUEL FLOW MES AT 7000 HOURS PPH
116	CWFATPX8000	0	0	CORR FUEL FLOW MES AT 8000 HOURS PPH
117	CWFATPX9000	0	0	CORR FUEL FLOW MES AT 9000 HOURS PPH
118	CWFATPX0000	0	0	CORR FUEL FLOW MES AT 10000 HOURS PPH
119	IGVATP	9029	90.290	IGV POSITION DURING MES DEGREES
120	NLOADSHED	1	1	NUMBER OF LOADSHED OCCURANCES
121	LOADSHED8P3	0	0	NUMBER OF LOADSHEDS P2 LESS 8.3 PSIA
122	LOADSHED5P2	0	0	NUMBER OF LOADSHEDS P2 LESS 5.2 PSIA
123	SPDROOPS	0	0	NUMBER OF SPEED DROOPS BELOW 85% SPEED
124	OVRHAUL_HR	122	0	
125	OVRHAUL_MIN	290	0	
126	APU_HOURS_H	0	0	

COMMERCIAL **Honeywell**

INCOMING TRAVELER

MRO PHOENIX- ENGINES RENTAL BANK

Phoenix - Sky Harbor
Honeywell International Inc
1944 E Sky Harbor Circle
PHOENIX AZ 85034

NOTIFICATION: 310529105

SALES ORDER: 3692994

SERVICE ORDER: 5004865490 **ADMIN :** JUDY HARCQ

QUOTE NO.: _____ **WBS:** RO-0003692994-01

CUST. NO.: ENGRNTL01 **CUST PN:** **Alternate S/N:** **MANF. DATE:**

DUE DATE: 29 DEC 2011 **RECEIVED DATE:** 29 NOV 2011 **PART NO.:** 3800702-1

Part Description :GTCP131-9B

PO#: I0000911 **UID/UST/USN#:** **FREIGHT FEES:**

S/N: P-6767

WORKCENTER: APU-Main Work Center
QUANTITY :1
TERMS: Net 2 Days (Interco)
IMPORT REF. NO.:
CREDIT LIMIT:5,000,000.00
USER STATUS :MI
EXCHANGE PRICE: 0.00

CONTRACT #: **DESCRIPTION:** **PROGRAM CODE :**CNA

FIXED LABOR HOURS: 0.0 **QUOTE:**NO **WTY :**N **WTY TYP:** **WTY. END DATE:**

CNTNR TYP & NO: No Special Number **CARRIER:**

AGE: **PKG DEF:** **SEALS:** **ESD PROTECTED:** **WAYBILL#:**

AIRCRAFT TYPE : **AIRCRAFT TAIL NO.:**

DAMAGE REMARKS:

REASON FOR RETURN: (SEE PURCHASE ORDER FOR COMPLETE INSTRUCTIONS)

MATERIAL & SERIAL ALERT

Prior to creating or initiating Repair/Service Orders for this equipment at a Honeywell R&O facility or when changing equipment record material or serial number during repair, contact ERB Order Management at: COGEMAIL@Honeywell.com

XXXXXXXXXXXXXXXXXXXX Repair History XXXXXXXXXXXXXXXXXXXX

Previous Notification #	Ship Date	Warranty Decision	Incoming Material	Confirmation of Failure
309392217	02 Jul 2011		3800702-1	
308262305	14 Feb 2011		3800702-1	
310216277			3800702-1	
310216274			3800702-1	

PO NOTES

* 11/29/2011 13:17:29 Judith Harcq (E029814) Phone 602-365-4382 0000 RENTAL APU REQUIRES CHECK FOR INSPECTIONS DUE / RECERTIFY / LONG TERM PRESERVATION. TWO LOGBOOKS RECEIVED.APU WAS INSTALLED SEPT 8 2011 TSN 6517:8 CSN 7925; APU WAS REMOVED OCT 10, 2011 TSN 6641:0 CSN 8185 ADVISE JUDY HARCQ OF ANY

PRINTED BY: Judith Harcq **DATE:** 29 NOV 2011 13:23:16

Harcq, Judith R

From: Harcq, Judith R
Sent: Monday, November 21, 2011 1:50 PM
To: De Mel, Sharon (Candappa); Martin, Jason A; Campbell, Neil
Cc: Yee, Mark
Subject: 131-9B P6767 SUNWING RETURNING LOANER APU TO HONEYWELL

Subject rental APU was received today, two logbooks also.

EQ# 21486350

Installed Sept. 8, 2011 TSN 6517:8 CSN 7925
Removed Oct 10, 2011 TSN 6641:0; CSN 8185

Let me know when updates are completed to enable release.

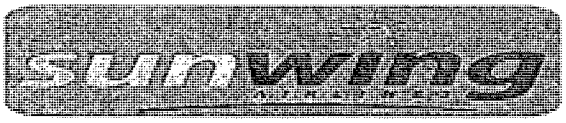
Judy Harcq
APU Product Line Administrator
Phoenix R&O Operations
Phone (International): 602-365-3099, #9, 6109
Phone (Domestic): 1-800-601-3099, #9, 6109
Fax: 602-365-4777

From: Yee, Mark
Sent: Tuesday, November 15, 2011 9:35 AM
To: Harcq, Judith R; De Mel, Sharon (Candappa)
Subject: FW: GROUND FREIGHT - YRQ-TO PHOENIX AZ - SUNWING RETURNING LOANER APU TO HONEYWLL - CUSTOMS PAPERWORK
Importance: High

FYI. Loaner return from Sunwing. I have some of the hardware in my office.

Best Regards,
Mark Yee
Honeywell Customer
Service Representative
Phone (602)365-3620
mark.yee@honeywell.com

From: Mark King [mailto:mking@flysunwing.com]
Sent: Tuesday, November 15, 2011 9:23 AM
To: armando@gtxlogistics.com; emsliej@gtxlogistics.com; josie@gtxlogistics.com; Yee, Mark; Pitoscia, Lisa (PHX); Brooke.Wiley@dhl.com
Cc: #Purchasing; #Inventorycontrol; Wesley Perkins; Crow, Marvin; Heintz, Doug
Subject: GROUND FREIGHT - YRQ-TO PHOENIX AZ - SUNWING RETURNING LOANER APU TO HONEYWLL - CUSTOMS PAPERWORK
Importance: High



MATRIALS DEPARTMENT, 44 FASKEN DRIVE, UNIT#13, ETOBICOKE, ONTARIO, CANADA, M9W 5M8, TEL#416-620-4955 EXT:4159 FAX#647-477-7647

PACKING SLIP

HONEYWELL REPAIR & OVERHAUL 1944 EAST SKY HARBOR CIRCLE PHOENIX, AZ USA 85034 TEL: 602-365-2831 FAX: 602-365-4029	**PURCHASE / WORK ORDER NO.** **L0000911/S08-1002-GH** **DATE** **15 November 2011** **PREPARED BY:** **M. KING** **AIRCRAFT REGISTRATION:** **C-FTDW, MSN 34704**

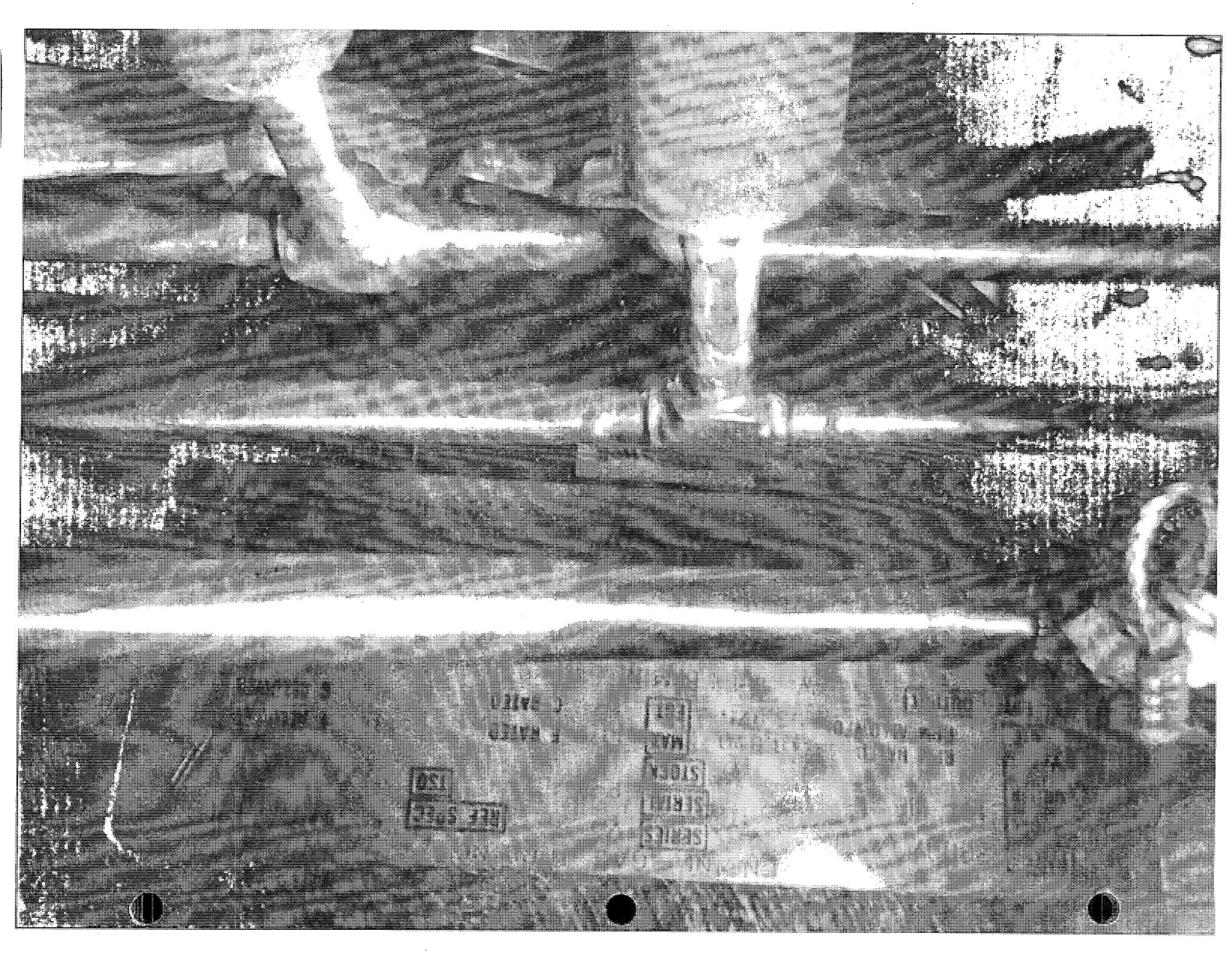
ITEM	QTY	DESCRIPTION	PART NO:	SERIAL NO:
1	1	AUXILLARY POWER UNIT	3800702-1	P-6767

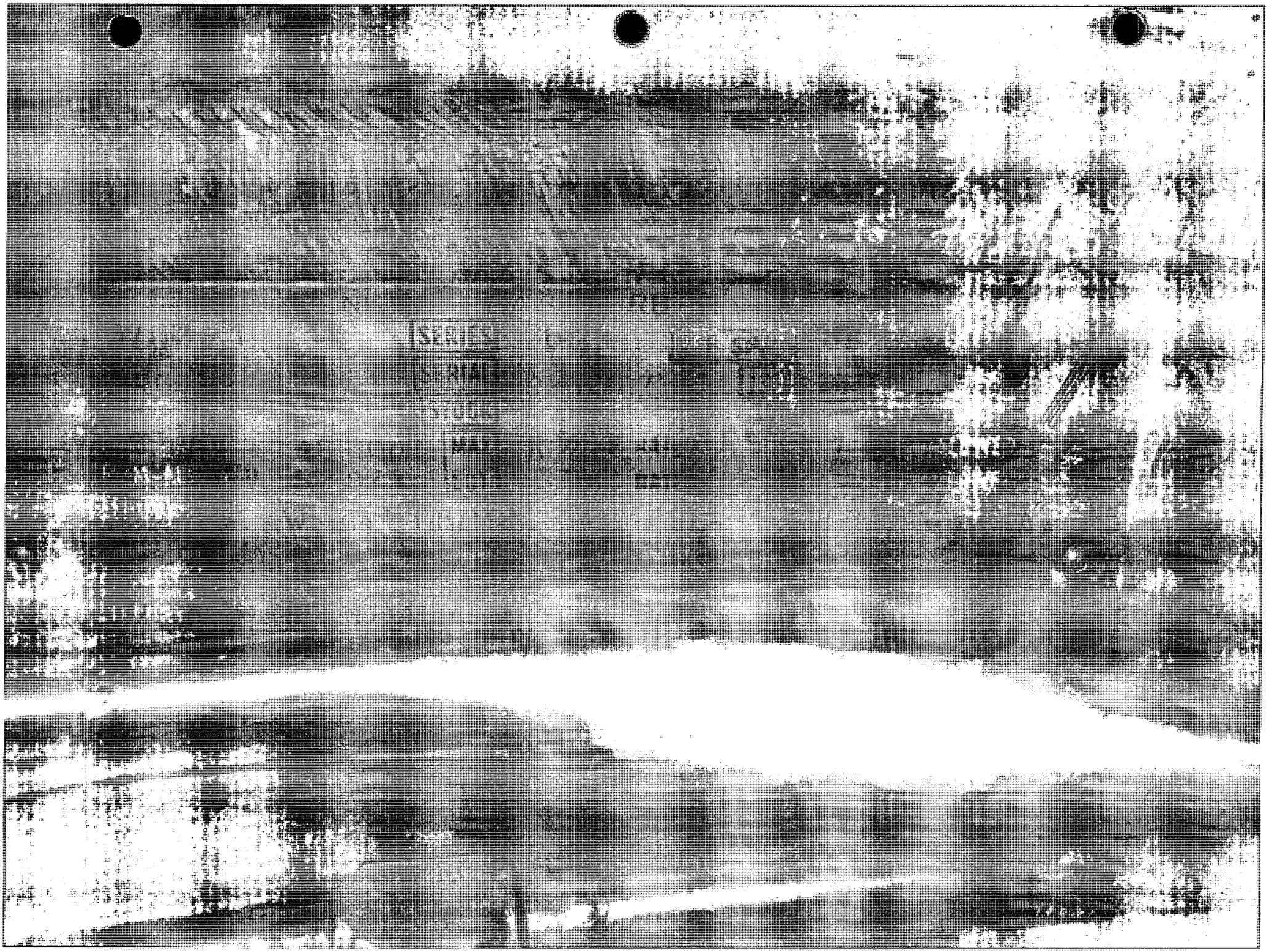
RETURNING LOANER UNIT BACK TO HONEYWELL AFTER SUNWING'S AIRLINES UNIT HAS BEEN REPAIRED AND RE-INSTALLED ON C-FTDW, MSN 34704.

COMMODITY NO: 8411.81.90.21

AIRWAY BILL NO:

SIGNATURE OF SHIPPER:




SERIES

Honeywell Aerospace Services Repair and Overhaul
Repair Station # ZN3R030M

Form APU-0005-1

PRELIMINARY AND HIDDEN DAMAGE INSPECTION REPORT

Repair Order: 2011-310528513-001 **Customer:** MRO PHOENIX- ENGINES RENTAL BA **Date:** 11/29/2011

Engine Model: 131-9B **Outline No.:** 3800702-1 **Engine Serial:** P-6767

Primary Removal Reason: RENTAL APU REQUIRES CHECK FOR INSPECTIONS DUE / RECERTIFY / LONG TERM PRESERVATION.

PARTS RECEIVED

Nomenclature	Base Part Number	Dash No.	Serial Number	Comments
Bleed Duct	3885004-	2	080406-013	
Bleed Valve	3291214-	2	2536	
Clamp	234-591-9350	-	-	
DMM	3876287-	1	GE3040	
Delta P Switch	3876227-	2	041121415582	
Drain Tube	3883897-	1	-	
Fuel Control	441921-	5	CUC12957	
Fuel Tube	3883857-	2	-	
Generator Harness	3888448-	1	0025866	
IGV Actuator	3886188-	2	3326	
Ignition Unit	3888058-	5	040218050856	
Low Oil Press Switch	3876255-	2	3553	
Lube Module	4131020-	3	3912	
Monopole	3876223-	1	38110	
Oil Cooler	160564-	2	47-127	
Oil Level Sensor	3876298-	3	040147000518	
QEC Generator Gasket	6430589-	-	-	
QEC Start/Generator	28B545-	7	58-B1317	
Sensor	3876225-	2	041121401464	
Solenoid Valve	692546-	4	02894	
Surge Valve	3291238-	2	2955	
Temp Control Valve	160550-	1	2053	
Temp Sensor	MS28034-	1	126170	
Total Press Probe	3884971-	1	-	
Total Press Sensor	3876226-	1	6441-8-91	

PRELIMINARY AND HIDDEN DAMAGE INSPECTION REPORT

Repair Order: 2011-310528513-001 **Customer:** MRO PHOENIX- ENGINES RENTAL BA **Date:** 11/29/2011

Engine Model: 131-9B **Outline No.:** 3800702-1 **Engine Serial:** P-6767

Primary Removal Reason: RENTAL APU REQUIRES CHECK FOR INSPECTIONS DUE / RECERTIFY / LONG TERM PRESERVATION.

PARTS NOT RECEIVED

Nomenclature	Base Part Number	Dash No.	Serial Number	Comments
Engine Compressor Impeller	3822391-			
Load Compressor Impeller	3822400-			
Tie Shaft	3822504-			
1st T-Wheel	3840160-			
2nd T-Wheel	3840165-			
1st T-Wheel	3840303-			
Seal	AS1895/7-350			

INDUCTION & ALL APPROPRIATE DOCUMENTS COMPLETED

Mechanic Signature: W Gonzales DATE: 29 NOV. 2011

Honeywell Aerospace Services Repair and Overhaul
Repair Station # ZN3R030M

Form APU 0005 1

PRELIMINARY AND HIDDEN DAMAGE INSPECTION REPORT

Repair Order: 2011-310528513-001 **Customer:** MRO PHOENIX- ENGINES RENTAL BA **Date:** 11/29/2011

Engine Model: 131-9B **Outline No.:** 3800702-1 **Engine Serial:** P-6767

Primary Removal Reason: RENTAL APU REQUIRES CHECK FOR INSPECTIONS DUE / RECERTIFY / LONG TERM PRESERVATION.

RECEIVING_DATA	
Customer Hardware (Yes/No)	YES
Customer Hardware	Generator harness, fuel tube, drain tube, Bleed duct and 2 clamps.
External Damage (if Yes, include photos)	NO
Incoming DMM Reading (Cyc)	8184
Incoming Hourmeter/DMM Reading (Hrs)	6640
Hourmeter/DMM Condition	normal
Incoming Observations	See incoming photos.
Logbook Received with Engine*	YES
Missing Hardware (Yes/No)	NO
Nameplate available? If NO, STOP. Notify Engineering & QA. *	Yes
TSO Certificate Number *	C77A
Shipping Container*	Honeywell
Shipping Container: Reusable	YES
Shipping Container: Stand	YES
Nameplate Identified as Experimental/Flight Test/Prototype?*	No
TSO Cert Available? If NO, STOP. Notify Engineering & QA. *	Yes

ENGINE	
Inlet Area	Normal operational wear
Inlet Plenum	Normal operational wear
Inlet Screen	Normal operational wear
Pneumatic Ducting Condition	Normal operational wear
Unit Condition*	Normal operational wear
Wiring Harness	Normal operational wear

TURBINE	
Atomizer	Normal operational wear
Combustor	Normal operational wear
PS Rotation	Free
Thermocouple Probes	Normal operational wear
Probe Loose - Left	FALSE
Probe Loose - Right	FALSE
1st T-Wheel Tips	Normal operational wear
2nd T-Wheel	Normal operational wear
2nd T-Wheel Pins/Retainers Missing (Qty)	0
2nd T-Wheel Tips	Normal operational wear

GEARBOX	
Delta-P Indicator Extended	NO
Engine Oil Filter Bowl Contamination	Clean, Normal Condition
External Drive Splines	Normal operational wear
Fuel Filter	Clean, Normal Condition
Fuel Filter Bowl Contamination	Clean, Normal Condition
G/B Mag Plug	Clean, Normal Condition
G/B Rotation	Free
Generator Oil Filter Bowl Contamination	Clean, Normal Condition
Generator Oil Filter	Clean, Normal Condition
Monopole(s)	Normal operational wear
Monopole(s) Metal Contamination	None
Oil Cooler	Clean, Normal Condition
Oil Filter	Clean, Normal Condition
Oil Leakage	NO
Starter Spline Wear	NO

LOAD_COMPRESSOR	
IGV Assembly Condition	Normal operational wear
IGV Pull Test	Free
IGV Pull Test (lbs)	4

POWER_SECTION	
Exhaust Plenum	Dirty
Exhaust Plenum	Normal operational wear

BOROSCOPE_INSP	
E/C (1st) Impeller	Normal operational wear
L/C Impeller	Light Rub

HONEYWELL AEROSPACE SERVICES REPAIR AND OVERHAUL
REPAIR STATION # ZN3R030M

REF W.I. 21.200
FORM APU A9B
REV 7 DATED 01/25/06

ASSEMBLY INSTRUCTION BUILD SHEETS

SERVICE ORDER 5004865490 DATE 11/29/2011

ENGINE MODEL GTCP131-9B OL 3800702-1 SN P-6767 CUSTOMER ENGRNTL01 BUILD NUMBER 1

CHECK POINT	GEARBOX ASSEMBLY		INSP/DATE
ASSY 10	_____ DIM A - _____ MEAN BUILD DIMENSION = _____ SHIM THICKNESS REQUIRED +/- .005	N/R - NOT DISASSEMBLED SHIM THICKNESS USED	361 DEC 2 '11
ASSY 20	@ 12/1/2011 _____ DIM B - _____ MEAN BUILD DIMENSION = _____ SHIM THICKNESS REQUIRED +/- .005	N/R - NOT DISASSEMBLED SHIM THICKNESS USED	361 DEC 2 '11
ASSY 30	.010 DIM A - .150 DIM B = -.140 SUB TOTAL + .650 DIM C = .510 CARBON SEAL OPERATING CAVITY - 0.450 MEAN BUILD DIMENSION (SEAL OPERATING HEIGHT) = .060 SHIM THICKNESS REQUIRED +/- .002	.060 SHIM THICKNESS USED	361 DEC 2 '11
ASSY 40	INSPECT GEARBOX FOR COMPLETE ASSEMBLY, OBVIOUS DAMAGE, AND FREEDOM OF ROTATION	N/R - NOT DISASSEMBLED	361 DEC 2 '11

ASSEMBLY INSTRUCTION BUILD SHEETS

SERVICE ORDER 5004865490 DATE 11/29/2011

ENGINE MODEL GTCP131-9B OL 3800702-1 SN P-6767 CUSTOMER ENGRNTL01 BUILD NUMBER 1

CHECK POINT	ROTATING GROUP ASSEMBLY	INSP/DATE
ASSY 10 20 30	_____ DIM BU CK PT 10 _____ DIM BS CK PT 30 = _____ MUST BE .104 - .106 _____ DIM U CK PT 10 _____ DIM S CK PT 30 _____ RAM PRESSURE	_____
ASSY 40	VERIFY THAT BALANCE IS WITHIN LIMITS.	_____

N/R - NOT DISASSEMBLED

N/R - NOT DISASSEMBLED

DEC 8 '11

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BALANCE		
POSITION	PLANE "C" COMPRESSOR	PLANE "D" TURBINE
BALANCE	N/R - NOT DISASSEMBLED	
LIMITS	.035 MAX	.050 MAX

HONEYWELL AEROSPACE SERVICES REPAIR AND OVERHAUL
REPAIR STATION # ZN3R030M

REF W.I. 21.200
FORM APU A9B
REV 7 DATED 01/25/06

ASSEMBLY INSTRUCTION BUILD SHEETS

SERVICE ORDER 5004865490 DATE 11/29/2011

ENGINE MODEL GTCP131-9B OL 3800702-1 SN P-6767 CUSTOMER ENGRNTL01 BUILD NUMBER 1

CHECK POINT	ROTATING GROUP ASSEMBLY	INSP/DATE
ASSY 50	VERIFY RUNOUTS ARE WITHIN LIMITS.	

RUNOUT POSITIONS

POSITION	E	F	G	H			
RUNOUT							
LIMITS	.002	.002	.002	.002			

N/R-NOT DISASSEMBLED
DEC 8 '11
361

ASSY 60	VERIFY ASSEMBLY COMPONENTS HAVE BEEN GROUPED TOGETHER AND MARKED.	INSP/DATE
ASSY 70	VERIFY LOT AND SERIAL NUMBERS OF ROTATING GROUP HARDWARE MATCHES THE LIFE LIMITED CARDS, AND ANY REWORK TAGS/8130'S.	INSP/DATE

HONEYWELL AEROSPACE SERVICES REPAIR AND OVERHAUL
REPAIR STATION # ZN3R030M

REF W.I. 21.200
FORM APU A9B
REV 7 DATED 01/25/06

ASSEMBLY INSTRUCTION BUILD SHEETS

SERVICE ORDER 5004865490 DATE 11/29/2011

ENGINE MODEL GTCP131-9B OL 3800702-1 SN P-6767 CUSTOMER ENGRNTL01 BUILD NUMBER 1

CHECK POINT	POWER SECTION ASSEMBLY	INSP/DATE
ASSY 10	_____ DIM G _____ DIM D _____ DIM H -_____ DIM B _____ DIM E -_____ DIM A1 _____ DIM F =_____ DIM X +0.002/-0.001 N/R - NOT DISASSEMBLED DEC 8 '11 361 _____ DIM E _____ DIM L =_____ DIM M	
ASSY 20	VERIFY DIMENSION C IS 0.007+/- 0.001 ACTUAL _____	
ASSY 30	VERIFY DIMENSION T IS RECORDED. DIM T: _____	
ASSY 40	WITH 834887-1 IGV GAUGE SET INSTALLED, MAKE SURE THAT DIMENSION A IS 0.00 INCHES WITH THE INLET GUIDE VANES FULLY CLOSED.	

HONEYWELL AEROSPACE SERVICES REPAIR AND OVERHAUL
REPAIR STATION # ZN3R030M

REF W.I. 21.200
FORM APU A9B
REV 7 DATED 01/25/06

ASSEMBLY INSTRUCTION BUILD SHEETS

SERVICE ORDER 5004865490 DATE 11/29/2011

ENGINE MODEL GTCP131-9B OL 3800702-1 SN P-6767 CUSTOMER ENGRNTL01 BUILD NUMBER 1

CHECK POINT	POWER SECTION ASSEMBLY	INSP/DATE
ASSY 45	INSTALLED WITH THE INNER STEP UP AS SHOWN IN VIEW "B" AND IS FULLY SEATED.	
ASSY 50	VERIFY R AND S DIMENSIONS. _____ DIM R _____ DIM S	
ASSY 60	_____ DIM S CK PT 50 +_____ _____ SUB TOTAL -_____ -_____ DIM R CK PT 50 -_____ DIM T CK PT 30 -_____ DIM C CK PT 10 -_____ DIM M CK PT 10 + 0.045 =_____ SHIMS REQ +/- 0.001 _____ DIM E CK PT 10 -_____ DIM F CK PT 10 _____ SUB TOTAL _____ DIM G CK PT 10 -_____ DIM H CK PT 10 _____ SUB TOTAL _____ SHIMS USED	

N/R - NOT DISASSEMBLED
DEC 8 '11
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ASSEMBLY INSTRUCTION BUILD SHEETS

SERVICE ORDER 5004865490 DATE 11/29/2011

ENGINE MODEL GTCP131-9B OL 3800702-1 SN P-6767 CUSTOMER ENGRNTL01 BUILD NUMBER 1

CHECK POINT	POWER SECTION ASSEMBLY	INSP/DATE
ASSY 70	VERIFY INSTALLED L/C BEARING SHIMS PACK THICKNESS IS SAME AS CALCULATED L/C BEARING SHIM PACK THICKNESS.	_____
ASSY 80	MAKE SURE THAT THE MEASURED DIMENSION X IS WITHIN = 0.002/- 0.001 INCHE OF THE CALCULATED DIMENSION X. MEASURED DIM X: _____ CALCULATED DIM X: _____	_____
ASSY 90	VERIFY COMPRESSOR BEARING NUT IS TIGHTENED AND SEATED.	_____
ASSY 95	DO A LOAD COMPRESSOR REFERENCE CALCULATION CHECK. _____ STUB SHAFT REF 1 -_____ STUB SHAFT REF 2 +_____ DIM T _____ MUST EQUAL 0.045 +/-0.001	_____
ASSY 100	VERIFY TAB IS BENT INTO NUT LOCKING SLOT.	_____

NR - NOT DISASSEMBLED
DEC 2 '11
361

ASSEMBLY INSTRUCTION BUILD SHEETS

SERVICE ORDER 5004865490 DATE 11/29/2011

ENGINE MODEL GTCP131-9B OL 3800702-1 SN P-6767 CUSTOMER ENGRNTL01 BUILD NUMBER 1

CHECK POINT	POWER SECTION ASSEMBLY	INSP/DATE
ASSY 110	MAKE SURE THAT THE CALCULATION USE TO FIND THE NECESSARY SHIM (60) PACK THICKNESS IS CORRECT.	

CALCULATE FOR A BARE SHROUD, PN 3827405-3.

_____ ENGINE COMPRESSOR TIP CLEARANCE (FROM STEP 5.A.(12)(a)

\- _____ 0.084 (+/- 0.001)

= _____

\+ _____ INITIAL SHIM PACK THICKNESS

= _____ SHIMS REQUIRED

N/R-NOT DISASSEMBLED
DEC 2 '11
361

CALCULATE FOR A SPRAYED SHROUD, PN 3877332-3.

_____ ENGINE COMPRESSOR TIP CLEARANCE (FROM STEP 5.A.(12)(a)

\- _____ 0.079 (+/- 0.001)

= _____

\+ _____ INITIAL SHIM PACK THICKNESS

= _____ SHIMS REQUIRED

_____ SHIMS USED

HONEYWELL AEROSPACE SERVICES REPAIR AND OVERHAUL
REPAIR STATION # ZN3R030M

REF W.I. 21.200
FORM APU A9B
REV 7 DATED 01/25/06

ASSEMBLY INSTRUCTION BUILD SHEETS

SERVICE ORDER 5004865490 DATE 11/29/2011

ENGINE MODEL GTCP131-9B OL 3800702-1 SN P-6767 CUSTOMER ENGRNTL01 BUILD NUMBER 1

CHECK POINT	POWER SECTION ASSEMBLY	INSP/DATE
ASSY 120	VERIFY ENGINE COMPRESSOR TIP CLEARANCE MEASUREMENT AND RECORD. TIP CLEARANCE IS 0.079 +/- 0.001 IF SPRAYED SHROUD, PN 3877322-3 IS USED. TIP CLEARANCE IS 0.084 +/- 0.001 IF BARE SHROUD, PN 3827504-3 IS USED. ACTUAL CLEARANCE: _____	
ASSY 130	VERIFY AND RECORD DIMENSION Y _____	
ASSY 140	VERIFY AND RECORD DIMENSION Z1. _____	
1ST STATOR ASSY	CALCULATE 1ST STAGE STATOR SHIMS. 1.812 BUILD DIM + 2.000 MIC BAR 3.812 SUB TOTAL DIM W _____ DIM Y + _____ ---> - _____ SUB TOTAL _____ _____ SHIMS REQ SHIMS USED _____	
ASSY 150	VERIFY THAT DIMENSION "S" IS THE SAME AS THAT WAS RECORDED DURING ORIGINAL ASSEMBLY OF ROTATING GROUP.	

N/R - NOT DISASSEMBLED
DEC 8 '11
361

HONEYWELL AEROSPACE SERVICES REPAIR AND OVERHAUL
REPAIR STATION # ZN3R030M

REF W.I. 21.200
FORM APU A9B
REV 7 DATED 01/25/06

ASSEMBLY INSTRUCTION BUILD SHEETS

SERVICE ORDER 5004865490 DATE 11/29/2011

ENGINE MODEL GTCP131-9B OL 3800702-1 SN P-6767 CUSTOMER ENGRNTL01 BUILD NUMBER 1

CHECK POINT	POWER SECTION ASSEMBLY	INSP/DATE
ASSY 160	MAKE SURE THAT DIMENSION "Y", MINUS THE THICKNESS OF THE MICING BAR AND BUTTONS, IS 1.812 +/- 0.001 INCH. _____ DIM Y IF LESS THAN 1.811 THEN ADD SHIMS - 2.000 MIC BAR IF GREATER THAN 1.813 THEN REMOVE SHIMS _____ MUST EQUAL 1.812 +/- 0.001 SHIMS USED _____ FINAL Y DIM _____	
ASSY 170	VERIFY AND RECORD Z2 _____	
ASSY 180	_____ DIM Z1 _____ INSTALLED PLENUM SHIMS -_____ DIM Z2 ----> -_____ -_____ DIM W =_____ MUST EQUAL 0 +/- 0.001 _____ SUB TOTAL ----------	
ASSY 190	VERIFY THAT DIMENSION "U" IS THE SAME AS THAT WAS RECORDED DURING ORIGINAL ASSEMBLY OF ROTATING GROUP.	
ASSY 200	VERIFY THAT DIMENSION "S" IS THE SAME AS THAT WAS RECORDED DURING ORIGINAL ASSEMBLY OF ROTATING GROUP.	

N/R - NOT DISASSEMBLED
DEC 2 '11
361

HONEYWELL AEROSPACE SERVICES REPAIR AND OVERHAUL
REPAIR STATION # 2N3R030M

REF W.I. 21.200
FORM APU A9B
REV 7 DATED 01/25/06

ASSEMBLY INSTRUCTION BUILD SHEETS

SERVICE ORDER 5004865490 DATE 11/29/2011

ENGINE MODEL GTCP131-9B OL 3800702-1 SN P-6767 CUSTOMER ENGRNTL01 BUILD NUMBER 1

CHECK POINT	POWER SECTION ASSEMBLY	INSP/DATE
ASSY 210	VERIFY COMPLETENESS OF ASSEMBLY AND FREEDOM OF ROTATION OF THE ROTATING GROUP. N/R - NOT DISASSEMBLED	361 DEC 9 '11

HONEYWELL AEROSPACE SERVICES REPAIR AND OVERHAUL
REPAIR STATION # ZN3R030M

REF W.I. 21.200
FORM APU A9B
REV 7 DATED 01/25/06

ASSEMBLY INSTRUCTION BUILD SHEETS

SERVICE ORDER 5004865490 DATE 11/29/2011

ENGINE MODEL GTCP131-9B OL 3800702-1 SN P-6767 CUSTOMER ENGRNTL01 BUILD NUMBER 1

CHECK POINT	ENGINE ASSEMBLY	INSP/DATE
ASSY 10	VERIFY THAT THE GEARBOX AND POWER SECTION CAVITIES ARE CLEAN WITH NO DAMAGE. N/R - NOT DISASSEMBLED	361 DEC 8 '11

HONEYWELL AEROSPACE SERVICES REPAIR AND OVERHAUL
REPAIR STATION #ZN3R030M

REF W.I. 21.200
FORM APU A_131
REV 11 DATED 100103

PASSDOWN LOG SHEET

REPAIR ORDER: 5004865490 MODEL: 131-9B SERIAL NO.: P-6767 CUSTOMER: Bank ENGRNTL01
DATE: 11/29/2011 OUTLINE NO.: 3800702-1 RUN TYPE / BUILD: 1

DATE	SHIFT	EMPLOYEE	REMARKS
29 NOV. 11	SWING	E549059	INDUCTION C/W.
11-29-11	Swing	E546835	C/W Eng. Dispo.
11/29/11	Swing	E142033 E554423	C/W per engineer dispo.

ANALYTICAL CHECK SHEET FORM

Honeywell

Repair Facility : Phoenix - Sky Harbor Honeywell
International Inc 1944 E Sky Harbor Circle
PHOENIX AZ 85034

Customer PO : 10000911
Notification No: 000310528513
Outline No. : 3800702-1
Mod To Outline. : 3800702-1

Customer : ENGRNTL01 MRO PHOENIX- ENGINES RENTAL BANK Honeywe
Service Order No : 5004865490 **Sales Order No :** 3692994
Serial No: P-6767
Mod to S/N : P-6767 **Model No. :** 131-9B

	Material	Serial No.	Disp	Qty	Description	Service Order #
IN	3800702-1	P-6767	M	0	GTCP131-9B	5004865490
OUT	3800702-1	P-6767	M			

REWORK CODE : LFS
CONDITION CODE :
ACCT IND :

ANALYST REMARKS :

	Material	Serial No.	Disp	Qty	Description	Service Order #
IN	..28B545-7	58-B1317	U	1	START GENERATOR	
OUT	28B545-7	58-B1317	U			

REWORK CODE :
CONDITION CODE :
ACCT IND : 56 Continue Time Inspection

ANALYST REMARKS :

	Material	Serial No.	Disp	Qty	Description	Service Order #
IN	..3291214-2	2536	U	1	VALVE OUTLINE, APU BLEED AIR, 3.50 INCH	
OUT	3291214-2	2536	U			

REWORK CODE :
CONDITION CODE :
ACCT IND :

ANALYST REMARKS :

	Material	Serial No.	Disp	Qty	Description	Service Order #
IN	..3885057-2		R	1	DUCT SURGE	5004869371
OUT	3885057-2		N			

REWORK CODE : 004 008 003
CONDITION CODE : 3970 Loose
610 Pin Holes
ACCT IND :

ANALYST REMARKS :

Flow liner loose. Hole adjacent to flow liner.

	Material	Serial No.	Disp	Qty	Description	Service Order #
IN	..3863353-1		U	1	ADAPTER	
OUT	3863353-1		U			

REWORK CODE :
CONDITION CODE :
ACCT IND : 56 Continue Time Inspection

ANALYST REMARKS :

	Material	Serial No.	Disp	Qty	Description	Service Order #
IN	..3863104-1		N	1	AIR/OIL SEPARATOR SEAL	
OUT	3863104-1		N			

REWORK CODE :
CONDITION CODE : 6780 Worn
ACCT IND :

ANALYST REMARKS :

ANALYTICAL CHECK SHEET FORM

Honeywell

Repair Facility : Phoenix - Sky Harbor Honeywell
International Inc 1944 E Sky Harbor Circle
PHOENIX AZ 85034

Customer PO : I0000911
Notification No: 000310528513
Outline No. : 3800702-1
Mod To Outline. : 3800702-1

Customer : ENGRNTL01 MRO PHOENIX- ENGINES RENTAL BANK Honeywe
Service Order No : 5004865490 **Sales Order No :** 3692994
Serial No: P-6767
Mod to S/N : P-6767 **Model No. :** 131-9B

	Material	Serial No.	Disp	Qty	Description	Service Order #
IN	..3860830-1		N	1	DISK SEAL OIL ROT	
OUT	3860830-1		N			

REWORK CODE :
CONDITION CODE : 3240 Scratched
6360 100% upon Removal

ACCT IND :

ANALYST REMARKS :

The unit was disassembled and inspected to the appropriate manual and the items not listed in the Check Sheets have been visually inspected per the appropriate manual and meet all criteria for re-assembly.

11/30/2011

A
13

Order Consolidation List

12/01/2011 7:32:55 AM

5004865490

Order Id: 0002173086 **Kit Number:** 1
Consolidation Point Id: CON_PT_PTR1
Final

Delivery/SVO #: 5004865490 **Delivery Date:** 12/15/2011 **Carrier:**
Entry Date/Time: 12/01/2011 **Priority:** 0 **FAA Inspect:**
Ship To: **Entered By:** E567657
LLC_Flag: **COFC_Flag:** **DD250_Flag:**

APMAIN / APSTAGE / APU-Staging / GTCP131-9B / P-6767

Cart ID	Count
TOTE	1

Honeywell certifies that the product(s) described hereon confirm to the applicable requirements and were procured, manufactured, or processed in accordance with Honeywell Quality Assurance system approved by the United States Government where applicable.

Authorized Signature - Quality Assurance, honeywell

LI	Sku_Id	Description	Order Qty	Lot Id	Alloc Qty	Actual Qty	Variance Qty	Aisle Id	Line Item Status
1	C_3860830-1_A	DISK SEAL OIL ROT	1	None	1	1		06	Complete
2	C_3863104-1_A	AIR/OIL SEPARATOR	1	None	1	1		05	Complete
3	C_3885057-2_A	SURGE DUCT	1	None	1	1		05	Complete

3 pick(s)

1. Approving National Aviation Authority/Country:	2.	3. Form Tracking Number:
FAA/United States	**AUTHORIZED RELEASE CERTIFICATE** **FAA Form 8130-3, AIRWORTHINESS APPROVAL TAG**	890002316114Y15 310539826

4. Organization Name and Address:		5. Work Order/Contract/Invoice Number:
Honeywell International Inc 1944 E Sky Harbor Circle PHOENIX AZ 85034	Repair Station ZN3R030M	l0000911 310528513 Page 1 of 1

6. Item:	7. Description:	8. Part Number:	9. Eligibility:*	10. Quantity:	11. Serial / Batch Number:	12. Status / Work:
001	START GENERATOR	28B545-7	N/A	1	58-B1317	INSPECTED

13. Remarks :

THE SERVICE SPECIFIED HAS BEEN ACCOMPLISHED IN ACCORDANCE WITH:

EM 49-26-95 RV 5, DEC/14/2009

OPERATIONAL TEST ON APU P-6767

SEE ATTACHED DOCUMENTS AS APPLICABLE FOR WORK PERFORMED

HONEYWELL CERTIFIES THAT THE WORK SPECIFIED IN BLOCKS 12/13 WAS CARRIED OUT IN ACCORDANCE WITH EASA PART 145 AND, WITH RESPECT TO THAT WORK, THE COMPONENT IS CONSIDERED READY FOR RELEASE TO SERVICE UNDER EASA PART 145 APPROVAL NUMBER: EASA 145.4136

14. Certifies the items identified above were manufactured in conformity to:	19. ☒ 14 CFR 43.9 Return to Service ☒ Other regulation specified in Block 13	
☐ Approved design data and are in a condition for safe operation. ☐ Non-approved design data specified in Block 13.	Certifies that unless otherwise specified in Block 13, the work identified in Block 12 and described in Block13 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: Mario Gasca (22)
17. Name (Typed or Printed):	18. Date (m d y):	22. Name (Typed or Printed): **MARIO GASCA**

21. Approval/Certificate No.: **ZN3R030M**

23. Date (m d y): **DEC 03 2011**

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 national regulations of an airworthiness authority different than the airworthiness authority of the country specified in Block1, 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 Block1. Statements in Block 14 and 19 do not constitute installation certification. In all cases, aircraft maintanance records must contain an installation certification issued in accordance with the national regulations by the user/installer before the aircraft may be flown.

1. Approving National Aviation Authority/Country:	2.	3. Form Tracking Number:
FAA/United States	**AUTHORIZED RELEASE CERTIFICATE** **FAA Form 8130-3, AIRWORTHINESS APPROVAL TAG**	890002316115Y15 310555054

4. Organization Name and Address:		5. Work Order/Contract/Invoice Number:
Honeywell International Inc 1944 E Sky Harbor Circle PHOENIX AZ 85034	Repair Station ZN3R030M	I0000911 310528513 Page 1 of 1

6. Item:	7. Description:	8. Part Number:	9. Eligibility:*	10. Quantity:	11. Serial / Batch Number:	12. Status / Work:
001	LUBE MODULE	4131020-3	N/A	1	3912	INSPECTED

13. Remarks :

THE SERVICE SPECIFIED HAS BEEN ACCOMPLISHED IN ACCORDANCE WITH:

EM 49-26-95 RV 5, DEC/14/2009

OPERATIONAL TEST ON APU P-6767

SEE ATTACHED DOCUMENTS AS APPLICABLE FOR WORK PERFORMED

HONEYWELL CERTIFIES THAT THE WORK SPECIFIED IN BLOCKS 12/13 WAS CARRIED OUT IN ACCORDANCE WITH EASA PART 145 AND, WITH RESPECT TO THAT WORK, THE COMPONENT IS CONSIDERED READY FOR RELEASE TO SERVICE UNDER EASA PART 145 APPROVAL NUMBER: EASA 145.4136

14. Certifies the items identified above were manufactured in conformity to:		19. ☒ 14 CFR 43.9 Return to Service ☒ Other regulation specified in Block 13	
☐ Approved design data and are in a condition for safe operation. ☐ Non-approved design data specified in Block 13.		Certifies that unless otherwise specified in Block 13, the work identified in Block 12 and described in Block13 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: (22)	21. Approval/Certificate No.: **ZN3R030M**
17. Name (Typed or Printed):	18. Date (m d y):	22. Name (Typed or Printed): **MARIO GASCA**	23. Date (m d y): **DEC 03 2011**

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 national regulations of an airworthiness authority different than the airworthiness authority of the country specified in Block1, 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 Block1. Statements in Block 14 and 19 do not constitute installation certification. In all cases, aircraft maintanance records must contain an installation certification issued in accordance with the national regulations by the user/installer before the aircraft may be flown.

1. Approving National Aviation Authority/Country: FAA/United States	2.	AUTHORIZED RELEASE CERTIFICATE FAA Form 8130-3, AIRWORTHINESS APPROVAL TAG			3. Form Tracking Number: 310529105-002
4. Organization Name and Address: Honeywell International 1944 East Sky Harbor Circle Phoenix, AZ 85034 FAA Certificate # ZN3RO3OM					5. Work Order/Contract/Invoice Number: I0000911

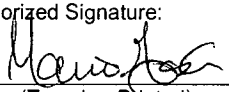
6. Item:	7. Description:	8. Part Number:	9. Eligibility: *	10. Quantity:	11. Serial/Batch No.:	12. Status/Work:
001	IGV ACTUATOR	3886188-2	N/A	1	3326	Inspected

13. Remarks:

Return to service. Items provided by the customer have been serviced in accordance with 49-26-95, Rev: 5, dated 12/14/2009.

OPERATIONAL TEST ON APU P-6767

FOR EASA CUSTOMERS ONLY: THIS CERTIFIES THAT THE WORK SPECIFIED IN BLOCK 12 AND 13 WAS CARRIED OUT INACCORDANCE WITH EASA 145 AND WITH RESPECT TO THAT WORK THE AIRCRAFT COMPONENT IS CONSIDERED READY FOR RELEASE TO SERVICE UNDER EASA APPROVED CERTIFICATE NUMBER: EASA. 145.4136.

14. Certifies the items identified above were manufactured in conformity to: ☐ Approved design data and are in a condition for safe operation ☐ Non-approved design data specified in Block 13		19. ☒ 14 CFR 43.9 Return tot Service ☒ 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.: ZN3R030M
17. Name (Typed or Printed):	18. Date (m/d/y):	22. Name (Typed or Printed): MARIO GASCA	23. Date (m/d/y): December 3, 2011

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 used/installer before the aircraft may be flown.

1. Approving National Aviation Authority/Country: FAA/United States	2.	AUTHORIZED RELEASE CERTIFICATE FAA Form 8130-3, AIRWORTHINESS APPROVAL TAG	3. Form Tracking Number: 310529105-003

4. Organization Name and Address:	5. Work Order/Contract/Invoice Number:
Honeywell International 1944 East Sky Harbor Circle Phoenix, AZ 85034 FAA Certificate # ZN3RO3OM	I0000911

6. Item:	7. Description:	8. Part Number:	9. Eligibility: *	10. Quantity:	11. Serial/Batch No.:	12. Status/Work:
001	OIL COOLER	160564-2	N/A	1	47-127	Inspected

13. Remarks:

Return to service. Items provided by the customer have been serviced in accordance with 49-26-95, Rev: 5, dated 12/14/2009.

OPERATIONAL TEST ON APU P-6767

FOR EASA CUSTOMERS ONLY: THIS CERTIFIES THAT THE WORK SPECIFIED IN BLOCK 12 AND 13 WAS CARRIED OUT INACCORDANCE WITH EASA 145 AND WITH RESPECT TO THAT WORK THE AIRCRAFT COMPONENT IS CONSIDERED READY FOR RELEASE TO SERVICE UNDER EASA APPROVED CERTIFICATE NUMBER: EASA. 145.4136.

14. Certifies the items identified above were manufactured in conformity to: ☐ Approved design data and are in a condition for safe operation ☐ Non-approved design data specified in Block 13		19. ☒ 14 CFR 43.9 Return tot Service ☒ 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.: ZN3R030M
17. Name (Typed or Printed):	18. Date (m/d/y):	22. Name (Typed or Printed): MARIO GASCA	23. Date (m/d/y): December 3, 2011

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 used/installer before the aircraft may be flown.

1. Approving National Aviation Authority/Country: FAA/United States	2.	AUTHORIZED RELEASE CERTIFICATE FAA Form 8130-3, AIRWORTHINESS APPROVAL TAG	3. Form Tracking Number: 310529105-004

4. Organization Name and Address:	5. Work Order/Contract/Invoice Number:
Honeywell International 1944 East Sky Harbor Circle Phoenix, AZ 85034 FAA Certificate # ZN3RO3OM	I0000911

6. Item:	7. Description:	8. Part Number:	9. Eligibility: *	10. Quantity:	11. Serial/Batch No.:	12. Status/Work:
001	IGNITION UNIT	3888058-5	N/A	1	040218050856	Inspected

13. Remarks:

Return to service. Items provided by the customer have been serviced in accordance with 49-26-95, Rev: 5, dated 12/14/2009.

OPERATIONAL TEST ON APU P-6767

FOR EASA CUSTOMERS ONLY: THIS CERTIFIES THAT THE WORK SPECIFIED IN BLOCK 12 AND 13 WAS CARRIED OUT INACCORDANCE WITH EASA 145 AND WITH RESPECT TO THAT WORK THE AIRCRAFT COMPONENT IS CONSIDERED READY FOR RELEASE TO SERVICE UNDER EASA APPROVED CERTIFICATE NUMBER: EASA. 145.4136.

14. Certifies the items identified above were manufactured in conformity to: ☐ Approved design data and are in a condition for safe operation ☐ Non-approved design data specified in Block 13		19. ☒ 14 CFR 43.9 Return tot Service ☒ 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.: ZN3R030M
17. Name (Typed or Printed):	18. Date (m/d/y):	22. Name (Typed or Printed): MARIO GASCA	23. Date (m/d/y): December 3, 2011

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 used/installer before the aircraft may be flown.

1. Approving National Aviation Authority/Country: FAA/United States	2.	AUTHORIZED RELEASE CERTIFICATE FAA Form 8130-3, AIRWORTHINESS APPROVAL TAG			3. Form Tracking Number: 310529105-005
4. Organization Name and Address: Honeywell International 1944 East Sky Harbor Circle Phoenix, AZ 85034		FAA Certificate # ZN3RO3OM			5. Work Order/Contract/Invoice Number: I0000911

6. Item:	7. Description:	8. Part Number:	9. Eligibility: *	10. Quantity:	11. Serial/Batch No.:	12. Status/Work:
001	SURGE VALVE	3291238-2	N/A	1	2955	Inspected

13. Remarks:

Return to service. Items provided by the customer have been serviced in accordance with 49-26-95, Rev: 5, dated 12/14/2009.

OPERATIONAL TEST ON APU P-6767

FOR EASA CUSTOMERS ONLY: THIS CERTIFIES THAT THE WORK SPECIFIED IN BLOCK 12 AND 13 WAS CARRIED OUT INACCORDANCE WITH EASA 145 AND WITH RESPECT TO THAT WORK THE AIRCRAFT COMPONENT IS CONSIDERED READY FOR RELEASE TO SERVICE UNDER EASA APPROVED CERTIFICATE NUMBER: EASA. 145.4136.

14. Certifies the items identified above were manufactured in conformity to: ☐ Approved design data and are in a condition for safe operation ☐ Non-approved design data specified in Block 13		19. ☒ 14 CFR 43.9 Return tot Service ☒ 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.: ZN3R030M
17. Name (Typed or Printed):	18. Date (m/d/y):	22. Name (Typed or Printed): MARIO GASCA	23. Date (m/d/y): December 3, 2011

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 used/installer before the aircraft may be flown.

1. Approving National Aviation Authority/Country:	2.	3. Form Tracking Number:
FAA/United States	**AUTHORIZED RELEASE CERTIFICATE** **FAA Form 8130-3, AIRWORTHINESS APPROVAL TAG**	890002316116Y15 310555060

4. Organization Name and Address:		5. Work Order/Contract/Invoice Number:
Honeywell International Inc 1944 E Sky Harbor Circle PHOENIX AZ 85034	Repair Station ZN3R030M	I0000911 310528513 Page 1 of 1

6. Item:	7. Description:	8. Part Number:	9. Eligibility:*	10. Quantity:	11. Serial / Batch Number:	12. Status / Work:
001	CONTROL FUEL	441921-5	N/A	1	CUC12957	INSPECTED

13. Remarks :

THE SERVICE SPECIFIED HAS BEEN ACCOMPLISHED IN ACCORDANCE WITH:

EM 49-26-95 RV 5, DEC/14/2009

OPERATIONAL TEST ON APU P-6767

SEE ATTACHED DOCUMENTS AS APPLICABLE FOR WORK PERFORMED

HONEYWELL CERTIFIES THAT THE WORK SPECIFIED IN BLOCKS 12/13 WAS CARRIED OUT IN ACCORDANCE WITH EASA PART 145 AND, WITH RESPECT TO THAT WORK, THE COMPONENT IS CONSIDERED READY FOR RELEASE TO SERVICE UNDER EASA PART 145 APPROVAL NUMBER: EASA 145.4136

14. Certifies the items identified above were manufactured in conformity to:		19. ☒ 14 CFR 43.9 Return to Service ☒ Other regulation specified in Block 13	
☐ Approved design data and are in a condition for safe operation. ☐ Non-approved design data specified in Block 13.		Certifies that unless otherwise specified in Block 13, the work identified in Block 12 and described in Block13 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: Mario Gasca (22)	21. Approval/Certificate No.: **ZN3R030M**
17. Name (Typed or Printed):	18. Date (m d y):	22. Name (Typed or Printed): **MARIO GASCA**	23. Date (m d y): **DEC 03 2011**

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 national regulations of an airworthiness authority different than the airworthiness authority of the country specified in Block1, 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 Block1. Statements in Block 14 and 19 do not constitute installation certification. In all cases, aircraft maintanance records must contain an installation certification issued in accordance with the national regulations by the user/installer before the aircraft may be flown.

1. Approving National Aviation Authority/Country: FAA/United States	2.	AUTHORIZED RELEASE CERTIFICATE FAA Form 8130-3, AIRWORTHINESS APPROVAL TAG	3. Form Tracking Number: 310529105-006

4. Organization Name and Address:	5. Work Order/Contract/Invoice Number:
Honeywell International 1944 East Sky Harbor Circle Phoenix, AZ 85034 FAA Certificate # ZN3RO3OM	I0000911

6. Item:	7. Description:	8. Part Number:	9. Eligibility: *	10. Quantity:	11. Serial/Batch No.:	12. Status/Work:
001	TEMP VALVE	160550-1	N/A	1	2053	Inspected

13. Remarks:

Return to service. Items provided by the customer have been serviced in accordance with 49-26-95, Rev: 5, dated 12/14/2009.

OPERATIONAL TEST ON APU P-6767

FOR EASA CUSTOMERS ONLY: THIS CERTIFIES THAT THE WORK SPECIFIED IN BLOCK 12 AND 13 WAS CARRIED OUT INACCORDANCE WITH EASA 145 AND WITH RESPECT TO THAT WORK THE AIRCRAFT COMPONENT IS CONSIDERED READY FOR RELEASE TO SERVICE UNDER EASA APPROVED CERTIFICATE NUMBER: EASA. 145.4136.

14. Certifies the items identified above were manufactured in conformity to: ☐ Approved design data and are in a condition for safe operation ☐ Non-approved design data specified in Block 13		19. ☒ 14 CFR 43.9 Return tot Service ☒ 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.: ZN3R030M
17. Name (Typed or Printed):	18. Date (m/d/y):	22. Name (Typed or Printed): MARIO GASCA	23. Date (m/d/y): December 3, 2011

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 used/installer before the aircraft may be flown.

1. Approving National Aviation Authority/Country: FAA/United States	2.	AUTHORIZED RELEASE CERTIFICATE FAA Form 8130-3, AIRWORTHINESS APPROVAL TAG	3. Form Tracking Number: 310529105-007

4. Organization Name and Address:	5. Work Order/Contract/Invoice Number:
Honeywell International 1944 East Sky Harbor Circle Phoenix, AZ 85034 FAA Certificate # ZN3RO3OM	I0000911

6. Item:	7. Description:	8. Part Number:	9. Eligibility: *	10. Quantity:	11. Serial/Batch No.:	12. Status/Work:
001	DATA MODULE	3876287-1	N/A	1	GE 3040	Inspected

13. Remarks:

Return to service. Items provided by the customer have been serviced in accordance with 49-26-95, Rev: 5, dated 12/14/2009.

OPERATIONAL TEST ON APU P-6767

FOR EASA CUSTOMERS ONLY: THIS CERTIFIES THAT THE WORK SPECIFIED IN BLOCK 12 AND 13 WAS CARRIED OUT INACCORDANCE WITH EASA 145 AND WITH RESPECT TO THAT WORK THE AIRCRAFT COMPONENT IS CONSIDERED READY FOR RELEASE TO SERVICE UNDER EASA APPROVED CERTIFICATE NUMBER: EASA. 145.4136.

14. Certifies the items identified above were manufactured in conformity to: ☐ Approved design data and are in a condition for safe operation ☐ Non-approved design data specified in Block 13		19. ☒ 14 CFR 43.9 Return tot Service ☒ 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.: ZN3R030M
17. Name (Typed or Printed):	18. Date (m/d/y):	22. Name (Typed or Printed): MARIO GASCA	23. Date (m/d/y): December 3, 2011

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 used/installer before the aircraft may be flown.

1. Approving National Aviation Authority/Country:	2.	3. Form Tracking Number:
FAA/United States	**AUTHORIZED RELEASE CERTIFICATE** **FAA Form 8130-3, AIRWORTHINESS APPROVAL TAG**	890002316117Y15 310539827

4. Organization Name and Address:	5. Work Order/Contract/Invoice Number:
Honeywell International Inc 1944 E Sky Harbor Circle PHOENIX AZ 85034 Repair Station ZN3R030M	I0000911 310528513 Page 1 of 1

6. Item:	7. Description:	8. Part Number:	9. Eligibility:*	10. Quantity:	11. Serial / Batch Number:	12. Status / Work:
001	VALVE OUTLINE, APU BLEED AIR, 3.50 INCH	3291214-2	N/A	1	2536	INSPECTED

13. Remarks :

EM 49-26-95 RV 5, DEC/14/2009

OPERATIONAL TEST ON APU P-6767

SEE ATTACHED DOCUMENTS AS APPLICABLE FOR WORK PERFORMED

HONEYWELL CERTIFIES THAT THE WORK SPECIFIED IN BLOCKS 12/13 WAS CARRIED OUT IN ACCORDANCE WITH EASA PART 145 AND, WITH RESPECT TO THAT WORK, THE COMPONENT IS CONSIDERED READY FOR RELEASE TO SERVICE UNDER EASA PART 145 APPROVAL NUMBER: EASA 145.4136

14. Certifies the items identified above were manufactured in conformity to:	19. ☒ 14 CFR 43.9 Return to Service ☒ Other regulation specified in Block 13		
☐ Approved design data and are in a condition for safe operation. ☐ Non-approved design data specified in Block 13.	Certifies that unless otherwise specified in Block 13, the work identified in Block 12 and described in Block13 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: (22) Mario Gasca	21. Approval/Certificate No.: **ZN3R030M**
17. Name (Typed or Printed):	18. Date (m d y):	22. Name (Typed or Printed): **MARIO GASCA**	23. Date (m d y): **DEC 03 2011**

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 national regulations of an airworthiness authority different than the airworthiness authority of the country specified in Block1, 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 Block1. Statements in Block 14 and 19 do not constitute installation certification. In all cases, aircraft maintanance records must contain an installation certification issued in accordance with the national regulations by the user/installer before the aircraft may be flown.

1. Approving Civil Aviation Authority/Country: **FAA/United States**	2. **AUTHORIZED RELEASE CERTIFICATE** **FAA Form 8130-3, AIRWORTHINESS APPROVAL TAG**	3. Form Tracking Number: 20170002703981Y15 327670985

4. Organization Name and Address:	Honeywell International Inc 1944 E Sky Harbor Circle PHOENIX AZ 85034	Repair Station ZN3R030M	5. Work Order/Contract/Invoice Number: 7391015 327670634 Page 1 of 1

6.Item:	7. Description:	8. Part Number:	9. Quantity:	10. Serial Number:	11. Status / Work:
001	ENGINE OUTLINE, GAS TURBINE	3800702-1	1	P-6767	REPAIRED

12. Remarks:

THE SERVICE SPECIFIED HAS BEEN ACCOMPLISHED IN ACCORDANCE WITH:
EM 49-26-95 Rev 10, JUL/14/2016

LONG TERM PRESERVATION ACCOMPLISHED.

TSN 13075
CSN 14725

SEE ATTACHED DOCUMENTS AS APPLICABLE FOR WORK PERFORMED

HONEYWELL CERTIFIES THAT THE WORK SPECIFIED IN BLOCK 11/12 WAS CARRIED OUT IN ACCORDANCE WITH EASA PART 145 AND IN RESPECT TO THAT WORK THE COMPONENT IS CONSIDERED READY FOR RELEASE TO SERVICE UNDER EASA PART 145 APPROVAL NO. EASA 145.4136

13a. Certifies the items identified above were manufactured in conformity to: ☐ Approved design data and are in a condition for safe operation. ☐ Non-approved design data specified in Block 12.		14a. ☒ 14 CFR 43.9 Return to Service ☒ Other regulation specified in Block 12 Certifies that unless otherwise specified in Block 12, the work identified in Block 11 and described in Block 12 was accomplished in accordance with Title 14, Code of Federal Regulations, part 43 and in respect to that work, the items are approved for return to service.	
13b. Authorized Signature:	13c. Approval/Authorization No.:	14b. Authorized Signature:	14c. Approval/Certificate No.: **ZN3R030M**
13d. Name (Typed or Printed):	13e. Date(dd/mmm/yyyy):	14d. Name (Typed or Printed): **Sam Towne**	14e. Date(dd/mmm/yyyy): **22/FEB/2017**

User / Installer Responsibilities

It is important to understand that the existence of this document alone does not automatically constitute authority to install the aircraft engine/propeller/article. Where the user/installer performs work in accordance with the national regulations of an airworthiness authority different than the airworthiness authority of the country specified in Block1, it is essential that the user/installer ensures that his/her airworthiness authority accepts aircraft engine(s)/propeller(s)/article(s) from the airworthiness authority of the country specified in Block1. Statements in Blocks 13a and 14a do not constitute installation certification. In all cases, aircraft maintenance records must contain an installation certification issued in accordance with the national regulations by the user/installer before the aircraft may be flown.

DATE	ENGINE HOURS	ENGINE HOURS	REMARKS, INSPECTIONS, REPAIRS, AND ADJUSTMENTS	SIGNATURE
2/21/17	TSN 13075	CSN 14725	APU P/N 3800702-1 S/N P-6767 Model 131-9B	
	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 49-26-95 REV 10 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 327670634	
			HONEYWELL AEROSPACE CERTIFIED REPAIR STATION ZN3R030M	
			INSPECTOR:	JOEL ALONSO

HONEYWELL

Honeywell

NDC / Life Limited Parts

Date	TSN	CSN	APU P/N	S/N	CUSTOMER
2/21/17	13075	14725	3800702-1 Model 131-9B	P-6767	PHOENIX- ENGINES RENTAL BANK

Noun	P/N	S/N	Status	Noun	P/N	S/N	Status
SURGE VALVE	3291238-2	2955	4	STARTER / GEN	28B545-9	52-F0053	4
FUEL CONTROL	441921-5	CUC11798	4	LUBE MODULE	4131020-3	3912	4
DATA MODULE	3876287-1	GE3040	4	LOAD VALVE	3291214-2	587	4
IGN UNIT	3888058-7	131018	4	IGV ACTUATOR	3886188-3	6021	4
OIL COOLER	160564-2	5016	4	TEMP VALVE	160550-1	2053	4

REPAIR CODES 1-BENCH TEST 2-REPAIR 3-OVERHAUL 4- USED AS IS 5-NEW E- EXCHANGED

Noun	P/N	S/N	Time	Cycles
TIE SHAFT	NOT	EXPOSED	----	----
L/C IMPELLER	NOT	EXPOSED	N/A	N/A
E/C IMPELLER	NOT	EXPOSED	----	----
1ST T-WHEEL	NOT	EXPOSED	----	----
2ND T-WHEEL	NOT	EXPOSED	----	----

REPAIR ORDER: **327670634**

HONEYWELL AEROSPACE CERTIFIED REPAIRED STATION ZN3R030M INSPECTOR: JOEL ALONSO

APU FINAL INSPECTION PASSDOWN

JOB NUMBER: 5010723814

SERIAL NUMBER : P-6767

ENGINE MODEL: 131-9B

CUSTOMER: BANK

Item	FINAL INSPECTION TASK	STAMP BUYOFF DONE	NA	DATE
1	All DEVIATIONS ARE VERIFIED	6		FEB 2 1 2017
2	REPAIR ADMINISTRATOR NOTIFIED FOR DEVIATION APPROVAL	6		
3	WORKSCOPE IS COMPLIED WITH	6		
4	SB'S REQUESTED BY CUSTOMER HAS BEEN VERIFIED	6		
5	ESR IS COMPLETED AND SIGNED	6		
6	TRACIBILITY, SB'S, AND AD'S SHEETS ARE COMPLETED AND SIGNED	6		
7	LRU 8130 TAGS ARE CREATED PER CUSTOMER REQUIREMENTS	6		
8	NO 8130'S ARE MISSING FROM THE MINI PACK PER CUSTOMER REQUIREMENTS	6		
9	LRU'S HAVE BEEN PROCCESSED PER CUSTOMER REQUIREMENTS	6		
10	EXCHANGES VERIFIED AND APPROVAL REQUEST SUBMITTED	6		
11	VERIFY TIMES ON LLP CARDS ARE CORRECT		6	
12	LLP CARDS UPDATED AND SCANNED INTO ZG NOTIFICATION		6	
13	INTERVAL CHECK SHEET IS COMPLETED AN ACCURATE		6	
14	TASK CARDS COMPLIED WITH AND STAMPED OFF		6	
15	DELTA WORKSCOPE NUMBER AND REMOVAL DATE MATCH WITH PO		6	
16	DELTA PUB VS CMM VERIFICATION ACCOMPLISHED (EQUIVALENCY)		6	
17	337 FORM COMPLETED AND SIGNED		6	FEB 2 1 2017
18	LAB PAPERWORK EMAILED TO ENGINEERING	136		2/22/17
19	VERIFY NO PARTS WERE EXCHANGED AT LAB. (UPDATE TARCEBILITY AND ESR SHEET AS REQUIRED)	136		2/22/17
20	VERIFY LRU DATA PLATES MATCH ESR	136		

PASSDOWN COMMENTS

ALL N/A'S ARE EITHER FOR NOT REQUIRED PER CUSTOMER OR APU MODEL.

Note: NA's must be explained

ENGINE MODEL: 131-9B

ENGINE SERIAL NUMBER: P-6767

CUSTOMER: PHOENIX- ENGINES RENTAL BANK

REPAIR ORDER: 2017-327670634-001

SERVICE RECORD

TRACEABILITY PARTS REWORKED OR REPLACED

PART NAME	PART NUMBER	S/N	LOT NBR	CONDITION	QTY	DOC NBR
TUBE ASSY	3884983-3	NA	5010723814-10	New	1	

HONEYWELL INTERNATIONAL

REPAIR STATION # ZN3R030M

INSPECTOR SIGNATURE: _____

JOEL ALONSO

DATE: 02/21/2017

ENGINE MODEL: 131-9B
ENGINE SERIAL NUMBER: P-6767
CUSTOMER: PHOENIX- ENGINES RENTAL BANK
REPAIR ORDER: 2017-327670634-001

SERVICE RECORD
SERVICE BULLETIN COMPLIANCE

SERVICE BULLETIN	REV	DESCRIPTION	WHERE ACCOMP	WHEN ACCOMP
49-7997	4	STANDARD STORAGE AND PRESERVATION GUIDELINES	PHX	2/21/2017

HONEYWELL INTERNATIONAL
REPAIR STATION # ZN3R030M

INSPECTOR SIGNATURE: _____ (6)
JOEL ALONSO

DATE: 02/21/2017

ENGINE MODEL: 131-9B
ENGINE SERIAL NUMBER: P-6767
CUSTOMER: PHOENIX- ENGINES RENTAL BANK
REPAIR ORDER: 2017-327670634-001

SERVICE RECORD
AIR WORTHINESS DIRECTIVES STATUS

AD NUMBER	REV	DESCRIPTION	WHERE ACCOMP	WHEN ACCOMP

NO AIRWORTHINESS DIRECTIVES APPLICABLE TO THIS ENGINE MODEL.

HONEYWELL INTERNATIONAL
REPAIR STATION # ZN3R030M

INSPECTOR SIGNATURE: _____
JOEL ALONSO

DATE: 02/21/2017

COMMERCIAL

Honeywell

INCOMING TRAVELER

MRO PHOENIX- ENGINES RENTAL BANK

Phoenix - Sky Harbor
Honeywell International Inc
1944 E Sky Harbor Circle
PHOENIX AZ 85034

NOTIFICATION: 327670985

SALES ORDER: 7391989

SERVICE ORDER: 5010723814

ADMIN: JANET ABRAMS

QUOTE NO: _____ **WBS:** RO-0007391989-01

CUST.NO: ENGRNTL01 **CUST PN:** **Alternate S/N:** **PO DATE:**

DUE DATE: 17 MAR 2017 **RECEIVED DATE:** 15 FEB 2017 **PART NO:** 3800702-1

Part Description: ENGINE OUTLINE, GAS TURBINE

PO#: 7391015 **UID/UST/USN#:** 6454728B545-9 **FREIGHT FEES:**

S/N: P-6767

WORK CENTER: APU-Main Work Center

QUANTITY : 1 **IMPORT REF. NO:** **USER STATUS :** MI

TERMS: Net 2 Days (Interco) **EXCHANGE PRICE:** 0,00

CONTRACT #: **DESCRIPTION:** **PROGRAM CODE:** BNK

FIXED LABOR HOURS: 0,0 **QUOTE:**NO **WTY:**N **WTY TYP:** **WTY.END DATE:**

CNTNR TYP & NO: No Special Number **CARRIER:**

DAMAGE: **PKG DEF:** **SEALS:** **ESD PROTECTED:** **WAYBILL#:** 139-13943263

AIRCRAFT TYPE: BOEING B737-NG **AIRCRAFT TAIL NO:** N842AM

DAMAGE REMARKS:

REASON FOR RETURN:(SEE PURCHASE ORDER FOR COMPLETE INSTRUCTIONS)
RENTAL RETURN - REQUIRES POST-LEASE INSPECTION

XXXXXXXXXXXXXXXXXXXX Repair History XXXXXXXXXXXXXXXXXXXX

Previous Notification #	Ship Date	Warranty Decision	Incoming Material	Confirmation of Failure
326640216	10 NOV 2016		3800702-1	YES

PO NOTES
* 02/15/2017 13:56:41 David Saunders (E531494) Phone 602-365-5961 - RETURN REASON: RENTAL RETURN - REQUIRES POST-LEASE INSPECTION. PREV RO: 326640215 11/04/2016. NO SQUAWKS NOTED. CHECK FOR INSPECTIONS DUE. LTP REQUIRED. ADVISE RA JANET ABRAMS 480-592-3031 OF MISSING PARTS AND/OR CUSTOMER DAMAGE/FOD. IF FOD FOUND, STOP WORK AND ALERT RA. DO NOT REPLACE MISSING LRUS W/OUT RA APPROVAL. SCRAP IN HOUSE. LOGBOOK RECEIVED. USE DMM FOR TIMES.

PRINTED BY: Joel Alonso **DATE: 21 FEB 2017** 13:27:30

ARP900 YAFL_FRM30088

HONEYWELL RENTAL / LOANER APU CONDITION SHEET

TO BE COMPLETED AT TIME OF RENTAL / LOANER APU REMOVAL

RENTAL APU MODEL **131-9B** S/N **P-6767**

AIRCRAFT TYPE **B737-700**

AIRCRAFT S/N **32842** REGISTRATION NO. **N842AM**

OWNER / OPERATOR **Aeroméxico**

RENTAL APU REMOVED (AGENCY / LOCATION) México, City

RENTAL APU TIME: Installed at 12,783 HOURS 14,495 CYCLES DATE 30-Dec-2016

Removed at 13,075 HOURS 14,725 CYCLES DATE 22-Jan-2017

1.0 PRE-REMOVAL CHECK — SIGN OFF

1.1 Assure that APU functions in accordance with the aircraft operational requirements.

1.2 Light off to 100% _____ seconds _____ °F EGT _____ °C EGT
Record OAT _____ °F _____ °C Record Altitude _____ feet
Record Idle Temp _____ °F _____ °C
Items above to be recorded under no-load condition.
Record this information and date in the APU log book

1.3 Leak check the APU. (fuel-oil-air) Correct any leakage noted beyond specified limits.

1.4 Is main engine starting acceptable with this APU at time of removal? YES No

2.0 AFTER REMOVAL

2.1 Inspect APU inlet and exhaust areas for F.O.D.

2.2 Rotate the rotating group by hand to check for freedom of rotation and verify no unusual noise.

2.3 Oil filter check. Remove and replace the APU oil filter element. Inspect the removed filter for contamination.

2.4 Remove and inspect the oil sump magnetic plug. Clean and reinstall.

NOTE: If an unusual amount of metallic particles are found, notify Honeywell for APU disposition.

2.5 Inspect all APU plumbing lines and fittings for security, for security, condition and evidence of fretting. Correct any noted problem.

2.6 Visual inspect APU for any missing parts, such as LRU's, rivets, data plate, harness, lines, etc.

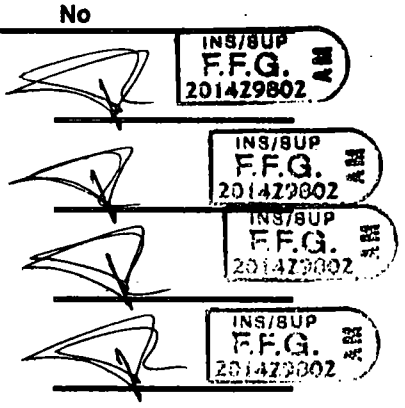
2.7 This engine has undergone all of the above tasks successfully and is suitable for reuse as a rental engine.

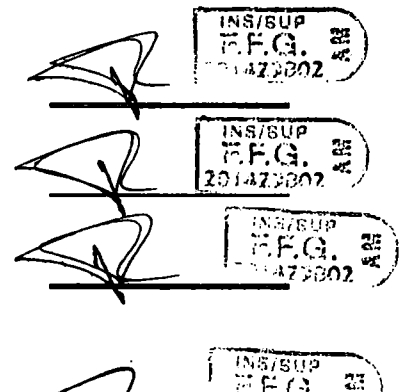
3.0 PREPARE APU FOR SHIPMENT

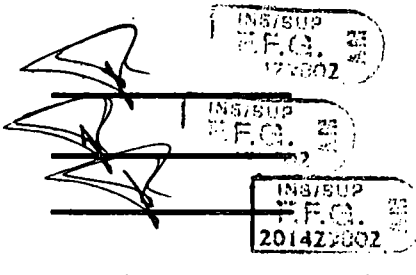
3.1 Install covers on compressor inlet, exhaust duct, electrical openings, fittings, plumbing lines, L/C valve port and necessary mounting pads.

3.2 Place APU in approved storage/shipping container.

3.3 Comply with all APU Log Book entry requirements.







AEROMEXICO

REPORTE DE REMOCIÓN DE APU.
APU Removal Report.
DEPARTAMENTO DE CONTROL DE REPARACIÓN DE MOTORES (MEXEC).
Powerplant Repair Control Department.

2. MODELO DE APU:
APU Model:

☐ GTCP85-98DCB	PN 3800368-1	☐ GTCP331-200	PN 3800298-1
☐ GTCP85-98DHF	PN 381276-1	☐ GTCP331-500B	PN 3800550-1
☒ 131-9B	PN 3800702-1	☐ APS5000A	PN 7002907H05

3. REFERENCIA: **Reference:** 2/17

4. DISTRIBUCIÓN: 1. MEXEC 2. MEXME
Distribution:

5. FECHA DE REPORTE: Report's date:	22 Enero 2017	**6. FECHA DE REMOCIÓN:** Removal Date:	22 Ene 2017
7. Equipo: Equipment:	B737	**8. MATRÍCULA DE AERONAVE:** Aircraft's Registration:	N842AM
9. N/S APU REMOVIDO: APU S/N Removed:	P-6767	**10. N/S APU DE REEMPLAZO:** APU SN Replacement:	P-8554

11. TIEMPOS Y CICLOS DEL APU REMOVIDO:
APU Removed Times and Cycles:

a) TSN:	13,075:55	e) CSN:	14,725
b) TSO:	13,075:55	f) CSO:	14,725
d) TSR:		h) CSR:	

12. TIEMPOS Y CICLOS DEL APU DE REEMPLAZO:
APU Replacement Times and Cycles:

a) TSN:	6,387:54	e) CSN:	14,482
b) TSO:	6,387:54	f) CSO:	14,482
d) TSR:	748:54	h) CSR:	562

13. MOTIVO DE REMOCIÓN:
Reason for removal:

Por finalización de renta / Due lease back.

14. CALIFICACIÓN:
Qualification:

	SI Yes	NO
a) MTBR (Básica). Toda remoción, excepto re-instalación en la misma serie All removal, except reinstallation in the same series	☒	☐
b) MTBUR (No programada). Remociones no programadas Non programmed removals	☒	☐
c) FOD, Mala operación, o componente ajeno al APU FOD, Bad operation, or other component of APU	☐	☒
d) MTBR (Básica). Remociones que confirmaron motivo de remoción Removals that confirmed reason for removal	☐	☒
e) MTBCR (CORE). Remoción que confirmo falla básica de APU Removal that confirm APU basic fault	☐	☒
f) (LRU). Remoción que confirmo falla no básica del APU Removal that confirm non-basic fault of the APU	☐	☒

15.ANTECEDENTES:
Background:

16. REPORTE DE MANTENIMIENTO LINEA (LITERAL):
Line maintenance reports, as written:

APU WITHOUT LINE MAINTENANCE REPORTS.

TALLER DE MOTORES AEROMEXICO
23 ENE 2017
RECIBIDO

AEROMEXICO

REPORTE DE REMOCIÓN DE APU.
APU Removal Report.
DEPARTAMENTO DE CONTROL DE REPARACIÓN DE MOTORES (MEXEC).
Powerplant Repair Control Department.

2. MODELO DE APU:
APU Model:

☐ GTCP85-98DCB	PN 3800368-1	☐ GTCP331-200	PN 3800298-1
☐ GTCP85-98DHF	PN 381276-1	☐ GTCP331-500B	PN 3800550-1
☒ 131-9B	PN 3800702-1	☐ APS5000A	PN 7002907H05

3. REFERENCIA:
Reference:
2/17

4. DISTRIBUCIÓN: 1. MEXEC 2. MEXME
Distribution:

5. FECHA DE REPORTE: Report's date:	22 Enero 2017	**6. FECHA DE REMOCIÓN:** Removal Date:	22 Ene 2017
7. Equipo: Equipment:	B737	**8. MATRÍCULA DE AERONAVE:** Aircraft's Registration:	N842AM
9. N/S APU REMOVIDO: APU S/N Removed:	P-6767	**10. N/S APU DE REEMPLAZO:** APU SN Replacement:	P-8554

11. TIEMPOS Y CICLOS DEL APU REMOVIDO:
APU Removed Times and Cycles:

a) TSN:	13,075:55	e) CSN:	14,725
b) TSO:	13,075:55	f) CSO:	14,725
d) TSR:		h) CSR:	

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b) TSO:	6,387:54	f) CSO:	14,482
d) TSR:	748:54	h) CSR:	562

13. MOTIVO DE REMOCIÓN:
Reason for removal:
Por finalización de renta / Due lease back.

14. CALIFICACIÓN:
Qualification:

	SI Yes	NO
a) MTBR (Básica). Toda remoción, excepto re-instalación en la misma serie All removal, except reinstallation in the same series	☒	☐
b) MTBUR (No programada). Remociones no programadas Non programmed removals	☒	☐
c) FOD, Mala operación, o componente ajeno al APU FOD, Bad operation, or other component of APU	☐	☒
d) MTBR (Básica). Remociones que confirmaron motivo de remoción Removals that confirmed reason for removal	☐	☒
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f) (LRU). Remoción que confirmo falla no básica del APU Removal that confirm non-basic fault of the APU	☐	☒

15.ANTECEDENTES:
Background:

16. REPORTE DE MANTENIMIENTO LINEA (LITERAL):
Line maintenance reports, as written:

APU WITHOUT LINE MAINTENANCE REPORTS.

TALLER DE MOTORES AEROMEXICO
23 ENE 2017

2/17/2017 Data Conversion For ENGINE S/N P6767
WINDMM.EXE Version 3.01 131-9B Overhaul Version 03.10

1	Item Count	126	126	NUMBER ENTRIES IN DMM
2	SW Version	07	07	ECU / DMM COMPATIBILITY SOFTWARE VERSION (SV)
3	APUser.pre	P	P	APU SERIAL NUMBER PREFIX
4	APUser.num1	00	00	APU SERIAL NUMBER (FIRST 2 DIGITS)
5	APUser.num2	00	00	APU SERIAL NUMBER (NEXT 2 DIGITS)
6	APUser.num3	67	67	APU SERIAL NUMBER (NEXT 2 DIGITS)
7	APUser.num4	67	67	APU SERIAL NUMBER (LAST 2 DIGITS)
8	APUser.suf			APU SERIAL NUMBER (SUFFIX 2 DIGITS)
9	APUhours	13078	13078	HOURS
10	APUminutes	49	49	MINUTES
11	APUcycles	14727	14727	CYCLES
12	ECS_OFFSET	-100	-1	ECS OFFSET DEGREES (SV)
13	FUELOFF100	1699	16.990	FUEL FLOW OFFSET AT 100 POUNDS PPH (SV)
14	FUELOFF200	465	4.650	FUEL FLOW OFFSET AT 200 PPH (SV)
15	ABSTARTS	0	0	NUMBER OF UNSUCCESSFUL STARTS (SV)
16	APU_OPTIONS	0	0	APU OPTION FLAGS
17	FLTSTRT	3	3	NUMBER OF INFLIGHT STARTS (SV)
18	ABFLTSTRT	0	0	NUMBER OF UNSUCCESSFUL INFLIGHT STARTS (SV)
19	TURB_CYCLES	517	517	CYCLES SINCE TURBINE REPAIR (TB)
20	LC_CYCLES	517	517	CYCLES SINCE LOAD COMP REPAIR (LC)
21	EC_CYCLES	517	517	CYCLES SINCE ENGINE COMP REPAIR (EC)
22	CLOG_FILTER	0	0	NUMBER OF CLOGGED OIL FILTER SHUTDOWNS (SV)
23		0	0	SPARE
24		0	0	SPARE
25	INSTALLHR	293	293	TIME SINCE AIRPLANE INSTALLATION HOURS (SV)
26	INSTALLMIN	120	12	TIME SINCE AIRPLANE INSTALLATION MINUTES (SV)
27	ECSHOURS	221	221	OPERATING TIME IN ECS HOURS (SV)
28	ECSMINUTES	217	21.700	OPERATING TIME IN ECS MINUTES (SV)
29	FLTHOURS	2	2	OPERATING TIME IN FLIGHT HOURS (SV)
30	FLTMINUTES	167	16.700	OPERATING TIME IN FLIGHT MINUTES (SV)

ACCEPTANCE TEST DATA SHEET
131-9[B]
OVERHAUL

USED WITH
TI-3800702
REV. V

UNIT OUTLINE: 3800702-1 MODEL: 131-9[B] UNIT S/N P- 6767

TEST CELL NO.: D103 RUN NO.: LFS DATE 02/21/17

REPAIR ORDER NO.: 5010723814

ECU P/N 2118966-222 S/N 117-B0090 SLAVE YES

ECU OPERATIONAL SW P/N 491B-TUS-A05-00

SPU P/N 1151984-261M1 S/N 047C-0124 SLAVE YES

SCU P/N 1152426-245 S/N 047C-0123 SLAVE YES

PERFORMANCE SUMMARY

	DESCRIPTION	2-PACK ECS - 700 HIGH +60KW REQUIRED	2-PACK ECS - 700 HIGH +60KW ACTUAL	MES +65KW REQUIRED	MES +65KW ACTUAL
PBCOR	BLEED PRESSURE, PSIA	51.2 (MIN)	51.81	54.5 (MIN)	54.87
WBCOR	BLEED AIRFLOW, LB/MIN	155.0 (MIN)	156.8	N/A	144.1
TBCOR	BLEED TEMPERATURE,F	445.0 (MAX)	419.	445.0 (MAX)	429.
EGTCOR	EXHAUST GAS TEMPERATURE,F	1090.0(MAX)	1014.	1080.0(MAX)	1026.
WFCOR	FUEL CONSUMPTION, LB/HR	N/A	266.9	287.0 (REF)	266.9

PERFORMANCE DATA ADJUSTED TO S.L., 100F, INSTALLED CONDITIONS. EGTCOR AND WFCOR ARE ALSO CORRECTED TO MINIMUM BLEED PRESSURE. WFCOR (REF) IS A REFERENCE ONLY VALUE AND NOT A REQUIREMENT.

INITIAL IGV POSITION 4.1.2(B) 73 DEGREES, INITIAL PBCOR 53.5 PSIA

FINAL IGV POSITION 4.1.2(C) 68 DEGREES, FINAL PBCOR 51.5 PSIA

ECS OFFSET=(FINAL IGV-INITIAL IGV)= -5 DEGREES

OTHER ACCEPTANCE DATA

ITEM	PARAGRAPH	PARAMETER	UNITS	DATA POINT	VALUE	REQUIRED
FLOW SENSOR CHECK	4.1.4(G)	WBCDNA	LB/MIN	4.	50.1	FIGURE 7
FLOW SENSOR CHECK	4.1.4(J)	WBCDNA	LB/MIN	5.	50.3	FIGURE 7
FLOW SENSOR ACCURACY	4.1.4(K)	WC	- -	- -	-0.64	+/-5

SCV STABILITY (4.1.5) SCV IS STABLE YES

MINIMUM SURGE MARGIN (4.1.6) UNIT PASS MINIMUM SURGE MARGIN (4.1.6) YES

AC POWER START TIME 36 SEC (4.1.7)

DC POWER START TIME 38 SEC (4.1.7)

LOAD CYCLE STABILITY 4.2(C) 96 KW (0007) STABLE YES

LOAD CYCLE STABILITY 4.2(E) MES (0008) STABLE YES

LOAD CYCLE STABILITY 4.2(G) MES +96KW (0009) STABLE YES EGTCOR 1073. (MAX 1135F)

LOAD CYCLE STABILITY 4.2(H) RTL STABLE YES

APU FAULTS OBSERVED 5.1(B) NONE

APU DRY WEIGHT: N/A LB

TOTAL NUMBER OF STARTS(DURING ATP): 4

TOTAL OPERATING TIME(DURING ATP): 01:45 HR/MIN

UNIT STATUS: ACCEPTED

WE CERTIFY THE ABOVE DATA ARE TRUE AND CORRECT, AND IN ADDITION, THE UNIT HAS SUCCESSFULLY MET ALL OTHER TEST REQUIREMENTS SPECIFIED IN THE LATEST REVISION OF THE APPLICABLE TEST SPECIFICATION INDICATED ABOVE

	SIGNATURE	DATE
TECHNICIAN	FT 16	2/21/17
SUPERVISOR	E. VALENZUELA FT 176	2-22-17
QUALITY ASSURANCE	QC 114	2-22-17

FT 16

ACCEPTANCE TEST DATA SHEET
OVERHAUL 131-9[B]
TEST CELL D103

APU S/N P- 6767

PARAMETER DESCRIPTION		ATP PARAGRAPH-->		4.1.2E	4.1.3C	4.1.1E
				2PCK-700 ECS HIGH	MES	RTL
DIGITAL DATA SCAN			HR:MIN	20:07	20:17	19:57
DIGITAL DATA POINT NUMBER				2.	3.	1.
PBAR	BAROMETRIC PRESSURE		PSIA	14.22	14.22	14.21
PCELL	CELL PRESSURE		PSIA	14.19	14.18	14.19
T1	T1-APU INLET TEMPERATURE (AVG)		DEG F	73.5	74.1	72.9
TENIVA	UNIT INLET TEMPERATURE (T2)		DEG F	75.8	75.9	74.2
POIL	OIL PRESSURE -- LUBE PUMP DISCHARGE		PSIG	67.5	67.4	67.9
TOIL	OIL TEMPERATURE -- LUBE PUMP DISCHARGE		DEG F	181.	182.	176.
PSGBX	GEARBOX PRESSURE -- SUMP		IN H2O	3.15	2.87	3.85
TFUEL	FUEL INLET TEMPERATURE		DEG F	70.	70.	71.
PFUEL	FUEL INLET PRESSURE		PSIG	26.7	26.6	27.3
VIBGBA	UNIT VIBRATION -- GEARBOX		IN/SEC	0.18	0.18	0.15
VIBTHA	UNIT VIBRATION -- TURBINE		IN/SEC	0.11	0.12	0.11
VIBP1E	ONE-PER-REV TURBINE POST		IN/SEC	1.6	1.5	1.5
XNL	SHAFT SPEED		RPM	48800.	48800.	48802.
PIGV	INLET GUIDE VANE POSITION		DEGREE	68.0	89.9	21.9
PCDFD	COMPRESSOR DISCHARGE STATIC PRESSURE		PSIA	99.9	101.3	92.9
TCDFD	COMPRESSOR DISCHARGE TEMPERATURE		DEG F	272.	264.	247.0
TTDEA	TURBINE DISCHARGE TEMPERATURE	#1	DEG F	880.	942.	635.
TTDEB	(UNIT EGT)	#2	DEG F	901.	966.	657.
EGT	LAB EGT (AVG)		DEG F	887.	944.	645.
PS9	EXHAUST STATIC PRESSURE		PSIA	14.20	14.20	14.21
PBORFA	BLEED AIR ORIFICE PRESSURE		PSIA	44.3	55.5	
TBORFA	BLEED AIR ORIFICE TEMPERATURE (AVG)		DEG F	342.	379.	
PDBORA	BLEED AIR ORIFICE DELTA P		PSID	1.40	1.32	
WB	BLEED AIRFLOW		LB/MIN	142.8	152.3	
WBCDNA	CORRECTED DISCHARGE AIRFLOW		LB/MIN	57.6	50.5	
PB	BLEED PRESSURE (AVG)		PSIA	46.09	57.18	
TB	BLEED TEMPERATURE (AVG)		DEG F	369.	403.	
WF	FUEL FLOW (AVG)		LB/HR	243.9	265.1	158.2
PWGEN	GENERATOR LOAD - POWER FACTOR = 1.0		KW	58.4	63.3	0.1
CALCULATIONS:						
GENSL	GENERATOR LOAD AT SEA LEVEL -- PWGEN/(PCELL/14.696)		KW	60.5	65.6	
	APU DELTAP/DELTA -- (PCELL-PS9)/(PCELL/14.696)		PSID	-0.01	-0.01	
	BLEED PRESSURE AT SEA LEVEL -- PB/(PCELL/14.696)		PSIA	47.75	59.24	
DELPB	BLEED PRESSURE LAPSE RATE CORRECTION		PSIA	5.66	-2.78	
	INSTALLATION EFFECT ON BLEED PRESSURE		PSIA	-1.60	-1.60	
PBCOR	BLEED PRESSURE CORRECTED TO SEA LEVEL, 100F, INSTALLED		PSIA	51.81	54.87	
	BLEED AIRFLOW AT SEA LEVEL -- WB/(PCELL/14.696)		LB/MIN	147.9	157.8	
DELWB	BLEED FLOW LAPSE RATE CORRECTION		LB/MIN	12.9	-9.7	
	INSTALLATION EFFECT ON WB		LB/MIN	-4.0	-4.0	
WBCOR	BLEED AIRFLOW CORRECTED TO SEA LEVEL, 100F, INSTALLED		LB/MIN	156.8	144.1	
DELTB	BLEED TEMPERATURE LAPSE RATE CORRECTION		DEG F	50.	26.	
TBCOR	BLEED TEMPERATURE CORRECTED TO SEA LEVEL, 100F, INSTALLED		DEG F	419.	429.	
DELEGT	EGT LAPSE RATE CORRECTION		DEG F	104.	56.	
	APU DELTA P CORRECTION ON EGT-(33*(PCELL-PS9)/(PCELL/14.696))		DEG F	-0.	-0.	
	INSTALLATION EFFECT ON EGT		DEG F	30.	30.	
	EXCESS BLEED PRESSURE CORRECTION ON EGT-- (-10*(PBCOR-PBREQ))		DEG F	6.	4.	
EGTCOR	EGT CORRECTED TO SEA LEVEL, 100F, INSTALLED, AT PBREQ		DEG F	1014.	1026.	
	SEA LEVEL FUEL FLOW -- WF/(PCELL/14.696)*(FLHV/18550)		LB/HR	252.6	274.5	
DELWF	FUEL FLOW LAPSE RATE CORRECTION		LB/HR	16.3	-6.7	
	APU DELTA P CORRECTION ON WF --(8*(PCELL-PS9)/(PCELL/14.696))		LB/HR	-0.1	-0.1	
	INSTALLATION EFFECT ON WF		LB/HR	0.6	0.6	
	EXCESS BLEED PRESSURE CORRECTION ON WF -- (-4*(PBCOR-PBREQ))		LB/HR	2.4	1.5	
WFCOR	FUEL FLOW CORRECTED TO SEA LEVEL, 100F, INSTALLED, AT PBREQ		LB/HR	266.9	266.9	

[redacted] - DATA NOT NEEDED OR APPLICABLE QA APPROVAL QC 114

HONEYWELL AEROSPACE SERVICES REPAIR AND OVERHAUL
REPAIR STATION #ZN3R030M

REF W.I. 21.200
FORM APU A_131
REV 11 DATED 100103

LAB TRAVELER

REPAIR ORDER: 5010723814 MODEL: 131-9B SERIAL NO.: P-6767 CUSTOMER: ENGRNTL01
DATE: 2/17/2017 OUTLINE NO.: 3800702-1 RUN TYPE / BUILD: LFS

ENGINEERING LAB INSTRUCTIONS: ADDRESS ALL ITEMS ON PAGE TWO OF THE LAB TRAVELER. TEST PER EM 49-26-95 REV 101
34-TI-3800702 REV V HEAVY; CAN SELL TO MEDIUM; DRAW PIECES

OH ENGINEER/TS: _____ DATE: 2/17/17

MANUAL NO. USED: _____ REV: ___ T.I. NO. AND REV: 3800701 V ACC LT/MED: ___ ACC/HVY: ✓ REJ: ___

DISCREPANCY REPORT: ✓ NO ___ YES TDR/IDR #: _____ HOURS THIS RUN: 1.45 TOTAL HOURS: 1.45 TOTAL STARTS: 4

UNIT PRESERVED: ✓ YES ___ NO TEMP COMP _____

THE DEFAULT OIL FOR THE TEST IS BP 2380 UNLESS ONE OF THE FOLLOWING IS CHECKED:

CUSTOMER COMPLIANT VERIFIED: ___ YES ___ NO BP 2197 ☐ MOBIL JET II ☐ MOBIL JET 254 ☐

LAB RUN COMMENTS (REF DATA SHEET FOR DETAILS): LAB TECH COMP: _____ BP 2389 ☐

LAB TECH SIGN: [signature] FT 16 DATE: 2/21/17 LAB ACCEPT SIGN: [signature] QC 114 DATE: 2-22-17

1. WAS THE TURBINE SECTION REPAIRED OR REPLACED: YES ___ NO ✓
2. WAS THE LOAD COMPRESSOR REPAIRED OR REPLACED: YES ___ NO ✓
3. WAS THE ENGINE COMPRESSOR REPAIRED OR REPLACED: YES ___ NO ✓
4. VERIFY APU SERIAL NUMBER IS CORRECT ON THE TOP OF THE DMM DATASHEET N

PARTS REMOVED IN LAB			PARTS INSTALLED IN LAB		
PN	SN	MECHANIC	PN	SN	MECHANIC

DATE 02/21/17
TEST CREW R.Rojas
CELL 803
PROD. RELEASE OR R/O # 5010723814

GAS TURBINE TEST LOG

PAGE NO. 1
ASSY. NO. 3800702-1
S/N P-6767
Build # ONE

START TIME	STOP TIME	RUN MIN.	STARTS	TIME	REMARKS
				P/T	Unit installed per TI and checklist. Scav line torqued to 140'lbs, slave filters
					installed, LOQ check good, verified DMM @ 0, Serviced unit with BP 2380
					R/O=20 psig @ 10,000 RPM. Reserviced to full.
1921	1936	:15	1		A/C A/S=39 sec. P3.8 Run-In: Loads ok, no leaks, no faults, rtl oil temp @ S/D=176
					Oil level and magplug good. Unit washed down.
1947			2		A/C A/S=36 sec. No-load: DP#1@ 1957, ECS Offset: initial IGV Pos= 73, initial
					PBCOR=53.5, final IGV POS=68, final PBCOR=51.5, Offset=-5, DP#2@ 2007
					MES: DP#3@ 2017, Flow Sensor Check: DP#4@2018, DP#5@2019, Stability
	1704	:40 :55			Check: SCV= stable, not cycling, Min Surge Margin: DP#6@2022, rtl. S/D.
2030	2110	:40 1:35	3		D/C A/S= 38sec. Load Cycles:DP#7@ 2040, DP#8@ 2050, DP#9@ 2105, rtl, S/D.
					Unit Stripped, filters replaced, oil level and magplug good, unit washed down.
2200	2210	:10 1:45	4		D/C A/S=37 sec. Leak check: no leaks, no faults, unit preserved with 1010, S/D.
					DMM set to -5 offset, verified 52 gallons used, BITE check ok
					Unit Accepted
		TOTAL			

FT 16

1	Item Count	126	126	NUMBER ENTRIES IN DMM
2	SW Version	0	0	ECU / DMM COMPATIBILITY SOFTWARE VERSION (SV)
3	APUser.pre	P	P	APU SERIAL NUMBER PREFIX
4	APUser.num1	00	00	APU SERIAL NUMBER (FIRST 2 DIGITS)
5	APUser.num2	00	00	APU SERIAL NUMBER (NEXT 2 DIGITS)
6	APUser.num3	67	67	APU SERIAL NUMBER (NEXT 2 DIGITS)
7	APUser.num4	67	67	APU SERIAL NUMBER (LAST 2 DIGITS)
8	APUser.suf			APU SERIAL NUMBER (SUFFIX 2 DIGITS)
9	APUhours	13080	13080	HOURS
10	APUminutes	34	34	MINUTES
11	APUcycles	14731	14731	CYCLES
12	ECS_OFFSET	-500	-5	ECS OFFSET DEGREES (SV)
13	FUELOFF100	0	0	FUEL FLOW OFFSET AT 100 POUNDS PPH (SV)
14	FUELOFF200	0	0	FUEL FLOW OFFSET AT 200 PPH (SV)
15	ABSTARTS	0	0	NUMBER OF UNSUCCESSFUL STARTS (SV)
16	APU_OPTIONS	0	0	APU OPTION FLAGS
17	FLTSTRT	0	0	NUMBER OF INFLIGHT STARTS (SV)
18	ABFLTSTRT	0	0	NUMBER OF UNSUCCESSFUL INFLIGHT STARTS (SV)
19	TURB_CYCLES	521	521	CYCLES SINCE TURBINE REPAIR (TB)
20	LC_CYCLES	521	521	CYCLES SINCE LOAD COMP REPAIR (LC)
21	EC_CYCLES	521	521	CYCLES SINCE ENGINE COMP REPAIR (EC)
22	CLOG_FILTER	0	0	NUMBER OF CLOGGED OIL FILTER SHUTDOWNS (SV)
23		0	0	SPARE
24		0	0	SPARE
25	INSTALLHR	0	0	TIME SINCE AIRPLANE INSTALLATION HOURS (SV)
26	INSTALLMIN	0	0	TIME SINCE AIRPLANE INSTALLATION MINUTES (SV)
27	ECSHOURS	0	0	OPERATING TIME IN ECS HOURS (SV)
28	ECSMINUTES	0	0	OPERATING TIME IN ECS MINUTES (SV)
29	FLTHOURS	0	0	OPERATING TIME IN FLIGHT HOURS (SV)
30	FLTMINUTES	0	0	OPERATING TIME IN FLIGHT MINUTES (SV)
31	HOTTIME	0	0	OPERATING HOURS T2 GREATER 100 DEGF (SV)
32	COLDTIME	0	0	OPERATING HOURS T2 LESS 0 DEGF (SV)
33	NMES	0	0	NUMBER OF MAIN ENGINE STARTS (SV)
34	HIGHSTRT	0	0	NUMBER OF START ATTEMPTS ABOVE 25000 FT (SV)
35	BRRSTRT	0	0	NUMBER OF STARTS OILTEMP LESS 0 DEGF (SV)
36	BRRRRSTRT	0	0	NUMBER OF STARTS OILTEMP LESS -40 DEGF (SV)
37	LOWOILPR	0	0	NUMBER OF LOW OIL PRESSURE SHUTDOWNS (SV)
38	NUM3LOP	0	0	NUMBER OF 3 CONSECUTIVE LOP SHUTDOWNS (SV)
39	CONSECLOP	0	0	NUMBER OF CONSECUTIVE LOP SHUTDOWNS (SV)
40	HOT	0	0	NUMBER OF HIGH OIL TEMPERATURE SHUTDOWNS (SV)
41	OVRTMPGOV	0	0	NUMBER OF ONSPEED OVERTEMP SHUTDOWNS (SV)
42	OVRTMPSTRT	0	0	NUMBER OF STARTING OVERTEMP SHUTDOWNS (SV)
43	REVFLOW	0	0	NUMBER OF REVERSE FLOW SHUTDOWNS (SV)
44	NOACCEL	0	0	NUMBER OF NO ACCELERATION SHUTDOWNS (SV)
45	OVERSPEED	0	0	NUMBER OF OVERSPEED SHUTDOWNS (SV)
46	UNDERSPEED	0	0	NUMBER OF UNDERSPEED SHUTDOWNS (SV)
47	INFLTSD	0	0	NUMBER OF INFLIGHT SHUTDOWNS (SV)
48	AKWECS(1)	0	0	AVERAGE GEN LOAD ECS KW * (SV)
49	AKWECS(2)	0	0	AVERAGE GEN LOAD ECS KW (SV)
50	AKWMES(1)	0	0	AVERAGE GEN LOAD MES KW * (SV)
51	AKWMES(2)	0	0	AVERAGE GEN LOAD MES KW (SV)
52	AKWFLT(1)	0	0	AVERAGE GEN LOAD INFLIGHT KW * (SV)
53	AKWFLT(2)	0	0	AVERAGE GEN LOAD INFLIGHT KW (SV)
54	AT4ECS(1)	0	0	AVERAGE T4 ECS DEG F* (SV)
55	AT4ECS(2)	0	0	AVERAGE T4 ECS DEG F (SV)
56	AT4MES(1)	0	0	AVERAGE T4 MES DEG F* (SV)
57	AT4MES(2)	0	0	AVERAGE T4 MES DEG F (SV)
58	AT4FLT(1)	0	0	AVERAGE T4 INFLIGHT DEG F* (SV)
59	AT4FLT(2)	0	0	AVERAGE T4 INFLIGHT DEG F (SV)
60	T1800	0	0	HOURS T4 > 1800 DEG F (TB)
61	T1850	0	0	HOURS T4 > 1850 DEG F (TB)
62	T1900	0	0	HOURS T4 > 1900 DEG F (TB)
63	T1950	0	0	HOURS T4 > 1950 DEG F (TB)
64	T2000	0	0	HOURS T4 > 2000 DEG F (TB)
65	RECT4R	17149	1714.900	HIGHEST T4 ONSPEED DEGF (TB)
66	RECT5S	16853	1685.300	HIGHEST T5 DURING START DEGF (TB)
67	ABRTCLDN	0	0	NUMBER OF ABORTED COOLDOWNS (SV)
68	CT5ATP	11673	1016.730	AVERAGE CORR T5 DURING MES DEGF (TB)
69	MDNCT5ATP	11753	1017.530	MAIDEN CORR T5 DURING MES DEGF (TB)
70	CT5ATPXX500	0	900	CORR T5 MES AT XX500 HOURS DEGF
71	CT5ATPX1000	0	900	CORR T5 MES AT X1000 HOURS DEGF
72	CT5ATPX1500	0	900	CORR T5 MES AT X1500 HOURS DEGF
73	CT5ATPX2000	0	900	CORR T5 MES AT X2000 HOURS DEGF
74	CT5ATPX2500	9421	994.210	CORR T5 MES AT X2500 HOURS DEGF
75	CT5ATPX3000	12502	1025.020	CORR T5 MES AT X3000 HOURS DEGF
76	CT5ATPX3500	0	900	CORR T5 MES AT X3500 HOURS DEGF
77	CT5ATPX4000	0	900	CORR T5 MES AT X4000 HOURS DEGF
78	CT5ATPX4500	0	900	CORR T5 MES AT X4500 HOURS DEGF
79	CT5ATPX5000	0	900	CORR T5 MES AT X5000 HOURS DEGF

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80	CT5ATPX6000	0	900	CORR T5 MES AT X6000 HOURS DEGF
81	CT5ATPX7000	0	900	CORR T5 MES AT X7000 HOURS DEGF
82	CT5ATPX8000	0	900	CORR T5 MES AT X8000 HOURS DEGF
83	CT5ATPX9000	0	900	CORR T5 MES AT X9000 HOURS DEGF
84	CT5ATPX0000	0	900	CORR T5 MES AT X10000 HOURS DEGF
85	CPTATP	54818	54.818	AVERAGE CORR PT DURING MES PSIA (LC)
86	MDNCPTATP	54497	54.497	MAIDEN CORR PT DURING MES PSIA (LC)
87	CPTATPXX500	0	0	CORR PT DURING MES AT XX500 HOURS PSIA
88	CPTATPX1000	0	0	CORR PT DURING MES AT X1000 HOURS PSIA
89	CPTATPX1500	0	0	CORR PT DURING MES AT X1500 HOURS PSIA
90	CPTATPX2000	0	0	CORR PT DURING MES AT X2000 HOURS PSIA
91	CPTATPX2500	54096	54.096	CORR PT DURING MES AT X2500 HOURS PSIA
92	CPTATPX3000	54358	54.358	CORR PT DURING MES AT X3000 HOURS PSIA
93	CPTATPX3500	0	0	CORR PT DURING MES AT X3500 HOURS PSIA
94	CPTATPX4000	0	0	CORR PT DURING MES AT X4000 HOURS PSIA
95	CPTATPX4500	0	0	CORR PT DURING MES AT X4500 HOURS PSIA
96	CPTATPX5000	0	0	CORR PT DURING MES AT X5000 HOURS PSIA
97	CPTATPX6000	0	0	CORR PT DURING MES AT X6000 HOURS PSIA
98	CPTATPX7000	0	0	CORR PT DURING MES AT X7000 HOURS PSIA
99	CPTATPX8000	0	0	CORR PT DURING MES AT X8000 HOURS PSIA
100	CPTATPX9000	0	0	CORR PT DURING MES AT X9000 HOURS PSIA
101	CPTATPX0000	0	0	CORR PT DURING MES AT X10000 HOURS PSIA
102	CWFATP	0	0	AVERAGE CORR FUEL FLOW DURING MES PPH (SV)
103	MDNCWFATP	0	0	MAIDEN CORR FUEL FLOW DURING MES PPH (SV)
104	CWFATPXX500	0	0	ORR FUEL FLOW MES AT XX500 HOURS PPH
105	CWFATPX1000	0	0	CORR FUEL FLOW MES AT X1000 HOURS PPH
106	CWFATPX1500	0	0	CORR FUEL FLOW MES AT X1500 HOURS PPH
107	CWFATPX2000	0	0	CORR FUEL FLOW MES AT X2000 HOURS PPH
108	CWFATPX2500	26613	266.130	CORR FUEL FLOW MES AT X2500 HOURS PPH
109	CWFATPX3000	26137	261.370	CORR FUEL FLOW MES AT X3000 HOURS PPH
110	CWFATPX3500	0	0	CORR FUEL FLOW MES AT X3500 HOURS PPH
111	CWFATPX4000	0	0	CORR FUEL FLOW MES AT X4000 HOURS PPH
112	CWFATPX4500	0	0	CORR FUEL FLOW MES AT X4500 HOURS PPH
113	CWFATPX5000	0	0	CORR FUEL FLOW MES AT X5000 HOURS PPH
114	CWFATPX6000	0	0	CORR FUEL FLOW MES AT X6000 HOURS PPH
115	CWFATPX7000	0	0	CORR FUEL FLOW MES AT X7000 HOURS PPH
116	CWFATPX8000	0	0	CORR FUEL FLOW MES AT X8000 HOURS PPH
117	CWFATPX9000	0	0	CORR FUEL FLOW MES AT X9000 HOURS PPH
118	CWFATPX0000	0	0	CORR FUEL FLOW MES AT X10000 HOURS PPH
119	IGVATP	9040	90.400	IGV POSITION DURING MES DEGREES
120	NLOADSHED	0	0	NUMBER OF LOADSHED OCCURANCES (SV)
121	LOADSHED8P3	0	0	NUMBER OF LOADSHEDS P2 LESS 8.3 PSIA (SV)
122	LOADSHED5P2	0	0	NUMBER OF LOADSHEDS P2 LESS 5.2 PSIA (SV)
123	SPDROOPS	0	0	NUMBER OF SPEED DROOPS BELOW 85% SPEED (SV)
124	OVRHAUL_HR	0	0	HOURS SINCE LAST SHOP VISIT (SV)
125	OVRHAUL_MIN	0	0	MINUTES SINCE LAST SHOP VISIT (SV)
126	APU_HOURS_H	0	0	APU HOURS HIGH (ADD TO APUHOURS ENTRY 9)

1. Approving Civil Aviation Authority/Country: **FAA/United States**	2. **AUTHORIZED RELEASE CERTIFICATE** **FAA Form 8130-3, AIRWORTHINESS APPROVAL TAG**	3. Form Tracking Number: 20170002701119Y15 327719812

4. Organization Name and Address:	Honeywell International Inc 1944 E Sky Harbor Circle PHOENIX AZ 85034	Repair Station ZN3R030M	5. Work Order/Contract/Invoice Number: 7391015 327670634 Page 1 of 1

6.Item:	7. Description:	8. Part Number:	9. Quantity:	10. Serial Number:	11. Status / Work:
001	VALVE, CONTROL, SURGE	3291238-2	1	2955	INSPECTED

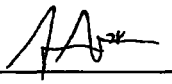
12. Remarks:

THE SERVICE SPECIFIED HAS BEEN ACCOMPLISHED IN ACCORDANCE WITH:
IRM 49-26-85 REV 30, MAR/22/2016

GENERAL VISUAL INSPECTION ACCOMPLISHED.

SEE ATTACHED DOCUMENTS AS APPLICABLE FOR WORK PERFORMED

HONEYWELL CERTIFIES THAT THE WORK SPECIFIED IN BLOCK 11/12 WAS CARRIED OUT IN ACCORDANCE WITH EASA PART 145 AND IN RESPECT TO THAT WORK THE COMPONENT IS CONSIDERED READY FOR RELEASE TO SERVICE UNDER EASA PART 145 APPROVAL NO. EASA 145.4136

13a. Certifies the items identified above were manufactured in conformity to: ☐ Approved design data and are in a condition for safe operation. ☐ Non-approved design data specified in Block 12.		14a. ☒ 14 CFR 43.9 Return to Service ☒ Other regulation specified in Block 12 Certifies that unless otherwise specified in Block 12, the work identified in Block 11 and described in Block 12 was accomplished in accordance with Title 14, Code of Federal Regulations, part 43 and in respect to that work, the items are approved for return to service.	
13b. Authorized Signature:	13c. Approval/Authorization No.:	14b. Authorized Signature: 	14c. Approval/Certificate No.: **ZN3R030M**
13d. Name (Typed or Printed):	13e. Date(dd/mmm/yyyy):	14d. Name (Typed or Printed): **Joel Alonso**	14e. Date(dd/mmm/yyyy): **21/FEB/2017**

User / Installer Responsibilities

It is important to understand that the existence of this document alone does not automatically constitute authority to install the aircraft engine/propeller/article. Where the user/installer performs work in accordance with the national regulations of an airworthiness authority different than the airworthiness authority of the country specified in Block1, it is essential that the user/installer ensures that his/her airworthiness authority accepts aircraft engine(s)/propeller(s)/article(s) from the airworthiness authority of the country specified in Block1. Statements in Blocks 13a and 14a do not constitute installation certification. In all cases, aircraft maintenance records must contain an installation certification issued in accordance with the national regulations by the user/installer before the aircraft may be flown.

1. Approving Civil Aviation Authority/Country: **FAA/United States**	2. **AUTHORIZED RELEASE CERTIFICATE** **FAA Form 8130-3, AIRWORTHINESS APPROVAL TAG**	3. Form Tracking Number: 20170002701124Y15 327719814

4. Organization Name and Address: Honeywell International Inc
1944 E Sky Harbor Circle
PHOENIX AZ 85034

Repair Station
ZN3R030M

5. Work Order/Contract/Invoice Number:
7391015
327670634

6.Item:	7. Description:	8. Part Number:	9. Quantity:	10. Serial Number:	11. Status / Work:
001	CONTROL FUEL	441921-5	1	CUC11798	INSPECTED

12. Remarks:

THE SERVICE SPECIFIED HAS BEEN ACCOMPLISHED IN ACCORDANCE WITH:
IRM 49-26-85 REV 30, MAR/22/2016

GENERAL VISUAL INSPECTION ACCOMPLISHED.

SEE ATTACHED DOCUMENTS AS APPLICABLE FOR WORK PERFORMED

HONEYWELL CERTIFIES THAT THE WORK SPECIFIED IN BLOCK 11/12 WAS CARRIED OUT IN ACCORDANCE WITH EASA PART 145 AND IN RESPECT TO THAT WORK THE COMPONENT IS CONSIDERED READY FOR RELEASE TO SERVICE UNDER EASA PART 145 APPROVAL NO. EASA 145.4136

13a. Certifies the items identified above were manufactured in conformity to: ☐ Approved design data and are in a condition for safe operation. ☐ Non-approved design data specified in Block 12.		14a. ☒ 14 CFR 43.9 Return to Service ☒ Other regulation specified in Block 12 Certifies that unless otherwise specified in Block 12, the work identified in Block 11 and described in Block 12 was accomplished in accordance with Title 14, Code of Federal Regulations, part 43 and in respect to that work, the items are approved for return to service.	
13b. Authorized Signature:	13c. Approval/Authorization No.:	14b. Authorized Signature:	14c. Approval/Certificate No.: **ZN3R030M**
13d. Name (Typed or Printed):	13e. Date(dd/mmm/yyyy):	14d. Name (Typed or Printed): **Joel Alonso**	14e. Date(dd/mmm/yyyy): **21/FEB/2017**

User / Installer Responsibilities

It is important to understand that the existence of this document alone does not automatically constitute authority to install the aircraft engine/propeller/article. Where the user/installer performs work in accordance with the national regulations of an airworthiness authority different than the airworthiness authority of the country specified in Block1, it is essential that the user/installer ensures that his/her airworthiness authority accepts aircraft engine(s)/propeller(s)/article(s) from the airworthiness authority of the country specified in Block1. Statements in Blocks 13a and 14a do not constitute installation certification. In all cases, aircraft maintenance records must contain an installation certification issued in accordance with the national regulations by the user/installer before the aircraft may be flown.

1. Approving Civil Aviation Authority/Country: **FAA/United States**	2. **AUTHORIZED RELEASE CERTIFICATE** **FAA Form 8130-3, AIRWORTHINESS APPROVAL TAG**	3. Form Tracking Number: 20170002701129Y15 327718936

4. Organization Name and Address:	Honeywell International Inc 1944 E Sky Harbor Circle PHOENIX AZ 85034	Repair Station ZN3R030M	5. Work Order/Contract/Invoice Number: 7391015 327670634 Page 1 of 1

6.Item:	7. Description:	8. Part Number:	9. Quantity:	10. Serial Number:	11. Status / Work:
001	DATA MEMORY MODULE	3876287-1	1	GE3040	INSPECTED

12. Remarks:

THE SERVICE SPECIFIED HAS BEEN ACCOMPLISHED IN ACCORDANCE WITH:
IRM 49-26-85 REV 30, MAR/22/2016

GENERAL VISUAL INSPECTION ACCOMPLISHED.

SEE ATTACHED DOCUMENTS AS APPLICABLE FOR WORK PERFORMED

HONEYWELL CERTIFIES THAT THE WORK SPECIFIED IN BLOCK 11/12 WAS CARRIED OUT IN ACCORDANCE WITH EASA PART 145 AND IN RESPECT TO THAT WORK THE COMPONENT IS CONSIDERED READY FOR RELEASE TO SERVICE UNDER EASA PART 145 APPROVAL NO. EASA 145.4136

13a. Certifies the items identified above were manufactured in conformity to: ☐ Approved design data and are in a condition for safe operation. ☐ Non-approved design data specified in Block 12.		14a. ☒ 14 CFR 43.9 Return to Service ☒ Other regulation specified in Block 12 Certifies that unless otherwise specified in Block 12, the work identified in Block 11 and described in Block 12 was accomplished in accordance with Title 14, Code of Federal Regulations, part 43 and in respect to that work, the items are approved for return to service.	
13b. Authorized Signature:	13c. Approval/Authorization No.:	14b. Authorized Signature:	14c. Approval/Certificate No.: **ZN3R030M**
13d. Name (Typed or Printed):	13e. Date(dd/mmm/yyyy):	14d. Name (Typed or Printed): **Joel Alonso**	14e. Date(dd/mmm/yyyy): **21/FEB/2017**

User / Installer Responsibilities

It is important to understand that the existence of this document alone does not automatically constitute authority to install the aircraft engine/propeller/article. Where the user/installer performs work in accordance with the national regulations of an airworthiness authority different than the airworthiness authority of the country specified in Block1, it is essential that the user/installer ensures that his/her airworthiness authority accepts aircraft engine(s)/propeller(s)/article(s) from the airworthiness authority of the country specified in Block1. Statements in Blocks 13a and 14a do not constitute installation certification. In all cases, aircraft maintenance records must contain an installation certification issued in accordance with the national regulations by the user/installer before the aircraft may be flown.

1. Approving Civil Aviation Authority/Country: **FAA/United States**	2. **AUTHORIZED RELEASE CERTIFICATE** **FAA Form 8130-3, AIRWORTHINESS APPROVAL TAG**	3. Form Tracking Number: 20170002701134Y15 327719811

4. Organization Name and Address:	Honeywell International Inc 1944 E Sky Harbor Circle PHOENIX AZ 85034	Repair Station ZN3R030M	5. Work Order/Contract/Invoice Number: 7391015 327670634 Page 1 of 1

6.Item:	7. Description:	8. Part Number:	9. Quantity:	10. Serial Number:	11. Status / Work:
001	EXCITER, IGNITION	3888058-7	1	131018	INSPECTED

12. Remarks:

THE SERVICE SPECIFIED HAS BEEN ACCOMPLISHED IN ACCORDANCE WITH:
IRM 49-26-85 REV 30, MAR/22/2016

GENERAL VISUAL INSPECTION ACCOMPLISHED.

SEE ATTACHED DOCUMENTS AS APPLICABLE FOR WORK PERFORMED

HONEYWELL CERTIFIES THAT THE WORK SPECIFIED IN BLOCK 11/12 WAS CARRIED OUT IN ACCORDANCE WITH EASA PART 145 AND IN RESPECT TO THAT WORK THE COMPONENT IS CONSIDERED READY FOR RELEASE TO SERVICE UNDER EASA PART 145 APPROVAL NO. EASA 145.4136

13a. Certifies the items identified above were manufactured in conformity to: ☐ Approved design data and are in a condition for safe operation. ☐ Non-approved design data specified in Block 12.		14a. ☒ 14 CFR 43.9 Return to Service ☒ Other regulation specified in Block 12 Certifies that unless otherwise specified in Block 12, the work identified in Block 11 and described in Block 12 was accomplished in accordance with Title 14, Code of Federal Regulations, part 43 and in respect to that work, the items are approved for return to service.	
13b. Authorized Signature:	13c. Approval/Authorization No.:	14b. Authorized Signature:	14c. Approval/Certificate No.: **ZN3R030M**
13d. Name (Typed or Printed):	13e. Date(dd/mmm/yyyy):	14d. Name (Typed or Printed): **Joel Alonso**	14e. Date(dd/mmm/yyyy): **21/FEB/2017**

User / Installer Responsibilities

It is important to understand that the existence of this document alone does not automatically constitute authority to install the aircraft engine/propeller/article. Where the user/installer performs work in accordance with the national regulations of an airworthiness authority different than the airworthiness authority of the country specified in Block1, it is essential that the user/installer ensures that his/her airworthiness authority accepts aircraft engine(s)/propeller(s)/article(s) from the airworthiness authority of the country specified in Block1. Statements in Blocks 13a and 14a do not constitute installation certification. In all cases, aircraft maintenance records must contain an installation certification issued in accordance with the national regulations by the user/installer before the aircraft may be flown.

1. Approving Civil Aviation Authority/Country: **FAA/United States**	2. **AUTHORIZED RELEASE CERTIFICATE** **FAA Form 8130-3, AIRWORTHINESS APPROVAL TAG**	3. Form Tracking Number: 20170002701137Y15 327719871

4. Organization Name and Address: Honeywell International Inc
1944 E Sky Harbor Circle
PHOENIX AZ 85034

Repair Station
ZN3R030M

5. Work Order/Contract/Invoice Number:
7391015
327670634
Page 1 of 1

6.Item:	7. Description:	8. Part Number:	9. Quantity:	10. Serial Number:	11. Status / Work:
001	COOLER OIL	160564-2	1	5016	INSPECTED

12. Remarks:

THE SERVICE SPECIFIED HAS BEEN ACCOMPLISHED IN ACCORDANCE WITH:
IRM 49-26-85 REV 30, MAR/22/2016

GENERAL VISUAL INSPECTION ACCOMPLISHED.

SEE ATTACHED DOCUMENTS AS APPLICABLE FOR WORK PERFORMED

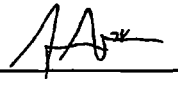
HONEYWELL CERTIFIES THAT THE WORK SPECIFIED IN BLOCK 11/12 WAS CARRIED OUT IN ACCORDANCE WITH EASA PART 145 AND IN RESPECT TO THAT WORK THE COMPONENT IS CONSIDERED READY FOR RELEASE TO SERVICE UNDER EASA PART 145 APPROVAL NO. EASA 145.4136

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

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

14a. ☒ 14 CFR 43.9 Return to Service ☒ Other regulation specified in Block 12

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

13b. Authorized Signature:	13c. Approval/Authorization No.:	14b. Authorized Signature:	14c. Approval/Certificate No.:
			**ZN3R030M**
13d. Name (Typed or Printed):	**13e. Date(dd/mmm/yyyy):**	**14d. Name (Typed or Printed):**	**14e. Date(dd/mmm/yyyy):**
		Joel Alonso	**21/FEB/2017**

User / Installer Responsibilities

It is important to understand that the existence of this document alone does not automatically constitute authority to install the aircraft engine/propeller/article. Where the user/installer performs work in accordance with the national regulations of an airworthiness authority different than the airworthiness authority of the country specified in Block1, it is essential that the user/installer ensures that his/her airworthiness authority accepts aircraft engine(s)/propeller(s)/article(s) from the airworthiness authority of the country specified in Block1. Statements in Blocks 13a and 14a do not constitute installation certification. In all cases, aircraft maintenance records must contain an installation certification issued in accordance with the national regulations by the user/installer before the aircraft may be flown.

1. Approving Civil Aviation Authority/Country: **FAA/United States**	2. **AUTHORIZED RELEASE CERTIFICATE** **FAA Form 8130-3, AIRWORTHINESS APPROVAL TAG**	3. Form Tracking Number: 20170002701142Y15 327719816

4. Organization Name and Address:	Honeywell International Inc 1944 E Sky Harbor Circle PHOENIX AZ 85034	Repair Station ZN3R030M	5. Work Order/Contract/Invoice Number: 7391015 327670634 Page 1 of 1

6.Item:	7. Description:	8. Part Number:	9. Quantity:	10. Serial Number:	11. Status / Work:
001	LUBE MODULE	4131020-3	1	3912	INSPECTED

12. Remarks:

THE SERVICE SPECIFIED HAS BEEN ACCOMPLISHED IN ACCORDANCE WITH:
IRM 49-26-85 REV 30, MAR/22/2016

GENERAL VISUAL INSPECTION ACCOMPLISHED.

SEE ATTACHED DOCUMENTS AS APPLICABLE FOR WORK PERFORMED

HONEYWELL CERTIFIES THAT THE WORK SPECIFIED IN BLOCK 11/12 WAS CARRIED OUT IN ACCORDANCE WITH EASA PART 145 AND IN RESPECT TO THAT WORK THE COMPONENT IS CONSIDERED READY FOR RELEASE TO SERVICE UNDER EASA PART 145 APPROVAL NO. EASA 145.4136

13a. Certifies the items identified above were manufactured in conformity to: ☐ Approved design data and are in a condition for safe operation. ☐ Non-approved design data specified in Block 12.		14a. ☒ 14 CFR 43.9 Return to Service ☒ Other regulation specified in Block 12 Certifies that unless otherwise specified in Block 12, the work identified in Block 11 and described in Block 12 was accomplished in accordance with Title 14, Code of Federal Regulations, part 43 and in respect to that work, the items are approved for return to service.	
13b. Authorized Signature:	13c. Approval/Authorization No.:	14b. Authorized Signature:	14c. Approval/Certificate No.: **ZN3R030M**
13d. Name (Typed or Printed):	13e. Date(dd/mmm/yyyy):	14d. Name (Typed or Printed): **Joel Alonso**	14e. Date(dd/mmm/yyyy): **21/FEB/2017**

User / Installer Responsibilities

It is important to understand that the existence of this document alone does not automatically constitute authority to install the aircraft engine/propeller/article. Where the user/installer performs work in accordance with the national regulations of an airworthiness authority different than the airworthiness authority of the country specified in Block1, it is essential that the user/installer ensures that his/her airworthiness authority accepts aircraft engine(s)/propeller(s)/article(s) from the airworthiness authority of the country specified in Block1. Statements in Blocks 13a and 14a do not constitute installation certification. In all cases, aircraft maintenance records must contain an installation certification issued in accordance with the national regulations by the user/installer before the aircraft may be flown.

1. Approving Civil Aviation Authority/Country: **FAA/United States**	2. **AUTHORIZED RELEASE CERTIFICATE** **FAA Form 8130-3, AIRWORTHINESS APPROVAL TAG**	3. Form Tracking Number: 20170002701147Y15 327719813

4. Organization Name and Address:	Honeywell International Inc 1944 E Sky Harbor Circle PHOENIX AZ 85034	Repair Station ZN3R030M	5. Work Order/Contract/Invoice Number: 7391015 327670634 Page 1 of 1

6.Item:	7. Description:	8. Part Number:	9. Quantity:	10. Serial Number:	11. Status / Work:
001	VALVE OUTLINE, APU BLEED AIR, 3.50 INCH	3291214-2	1	587	INSPECTED

12. Remarks:

THE SERVICE SPECIFIED HAS BEEN ACCOMPLISHED IN ACCORDANCE WITH:
IRM 49-26-85 REV 30, MAR/22/2016

GENERAL VISUAL INSPECTION ACCOMPLISHED.

SEE ATTACHED DOCUMENTS AS APPLICABLE FOR WORK PERFORMED

HONEYWELL CERTIFIES THAT THE WORK SPECIFIED IN BLOCK 11/12 WAS CARRIED OUT IN ACCORDANCE WITH EASA PART 145 AND IN RESPECT TO THAT WORK THE COMPONENT IS CONSIDERED READY FOR RELEASE TO SERVICE UNDER EASA PART 145 APPROVAL NO. EASA 145.4136

13a. Certifies the items identified above were manufactured in conformity to: ☐ Approved design data and are in a condition for safe operation. ☐ Non-approved design data specified in Block 12.		14a. ☒ 14 CFR 43.9 Return to Service ☒ Other regulation specified in Block 12 Certifies that unless otherwise specified in Block 12, the work identified in Block 11 and described in Block 12 was accomplished in accordance with Title 14, Code of Federal Regulations, part 43 and in respect to that work, the items are approved for return to service.	
13b. Authorized Signature:	13c. Approval/Authorization No.:	14b. Authorized Signature:	14c. Approval/Certificate No.: **ZN3R030M**
13d. Name (Typed or Printed):	13e. Date(dd/mmm/yyyy):	14d. Name (Typed or Printed): **Joel Alonso**	14e. Date(dd/mmm/yyyy): **21/FEB/2017**

User / Installer Responsibilities

It is important to understand that the existence of this document alone does not automatically constitute authority to install the aircraft engine/propeller/article. Where the user/installer performs work in accordance with the national regulations of an airworthiness authority different than the airworthiness authority of the country specified in Block1, it is essential that the user/installer ensures that his/her airworthiness authority accepts aircraft engine(s)/propeller(s)/article(s) from the airworthiness authority of the country specified in Block1. Statements in Blocks 13a and 14a do not constitute installation certification. In all cases, aircraft maintenance records must contain an installation certification issued in accordance with the national regulations by the user/installer before the aircraft may be flown.

1. Approving Civil Aviation Authority/Country: **FAA/United States**	2. **AUTHORIZED RELEASE CERTIFICATE** **FAA Form 8130-3, AIRWORTHINESS APPROVAL TAG**	3. Form Tracking Number: 20170002701158Y15 327719500

4. Organization Name and Address:	Honeywell International Inc 1944 E Sky Harbor Circle PHOENIX AZ 85034	Repair Station ZN3R030M	5. Work Order/Contract/Invoice Number: 7391015 327670634 Page 1 of 1

6.Item:	7. Description:	8. Part Number:	9. Quantity:	10. Serial Number:	11. Status / Work:
001	ACTUATOR, INLET GUIDE VANE	3886188-3	1	6021	INSPECTED

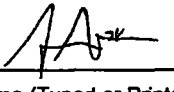
12. Remarks:

THE SERVICE SPECIFIED HAS BEEN ACCOMPLISHED IN ACCORDANCE WITH:
IRM 49-26-85 REV 30, MAR/22/2016

GENERAL VISUAL INSPECTION ACCOMPLISHED.

SEE ATTACHED DOCUMENTS AS APPLICABLE FOR WORK PERFORMED

HONEYWELL CERTIFIES THAT THE WORK SPECIFIED IN BLOCK 11/12 WAS CARRIED OUT IN ACCORDANCE WITH EASA PART 145 AND IN RESPECT TO THAT WORK THE COMPONENT IS CONSIDERED READY FOR RELEASE TO SERVICE UNDER EASA PART 145 APPROVAL NO. EASA 145.4136

13a. Certifies the items identified above were manufactured in conformity to: ☐ Approved design data and are in a condition for safe operation. ☐ Non-approved design data specified in Block 12.		14a. ☒ 14 CFR 43.9 Return to Service ☒ Other regulation specified in Block 12 Certifies that unless otherwise specified in Block 12, the work identified in Block 11 and described in Block 12 was accomplished in accordance with Title 14, Code of Federal Regulations, part 43 and in respect to that work, the items are approved for return to service.	
13b. Authorized Signature:	13c. Approval/Authorization No.:	14b. Authorized Signature: 	14c. Approval/Certificate No.: **ZN3R030M**
13d. Name (Typed or Printed):	13e. Date(dd/mmm/yyyy):	14d. Name (Typed or Printed): **Joel Alonso**	14e. Date(dd/mmm/yyyy): **21/FEB/2017**

User / Installer Responsibilities

It is important to understand that the existence of this document alone does not automatically constitute authority to install the aircraft engine/propeller/article. Where the user/installer performs work in accordance with the national regulations of an airworthiness authority different than the airworthiness authority of the country specified in Block1, it is essential that the user/installer ensures that his/her airworthiness authority accepts aircraft engine(s)/propeller(s)/article(s) from the airworthiness authority of the country specified in Block1. Statements in Blocks 13a and 14a do not constitute installation certification. In all cases, aircraft maintenance records must contain an installation certification issued in accordance with the national regulations by the user/installer before the aircraft may be flown.

1. Approving Civil Aviation Authority/Country: **FAA/United States**	2. **AUTHORIZED RELEASE CERTIFICATE** **FAA Form 8130-3, AIRWORTHINESS APPROVAL TAG**	3. Form Tracking Number: 20170002701165Y15 327719872

4. Organization Name and Address: Honeywell International Inc
1944 E Sky Harbor Circle
PHOENIX AZ 85034

Repair Station
ZN3R030M

5. Work Order/Contract/Invoice Number:
7391015
327670634
Page 1 of 1

6.Item:	7. Description:	8. Part Number:	9. Quantity:	10. Serial Number:	11. Status / Work:
001	VALVE, TEMPERATURE CONTROL- OUTLINE	160550-1	1	2053	INSPECTED

12. Remarks:

THE SERVICE SPECIFIED HAS BEEN ACCOMPLISHED IN ACCORDANCE WITH:
IRM 49-26-85 REV 30, MAR/22/2016

GENERAL VISUAL INSPECTION ACCOMPLISHED.

SEE ATTACHED DOCUMENTS AS APPLICABLE FOR WORK PERFORMED

HONEYWELL CERTIFIES THAT THE WORK SPECIFIED IN BLOCK 11/12 WAS CARRIED OUT IN ACCORDANCE WITH EASA PART 145 AND IN RESPECT TO THAT WORK THE COMPONENT IS CONSIDERED READY FOR RELEASE TO SERVICE UNDER EASA PART 145 APPROVAL NO. EASA 145.4136

13a. Certifies the items identified above were manufactured in conformity to:
- ☐ Approved design data and are in a condition for safe operation.
- ☐ Non-approved design data specified in Block 12.

14a. ☒ 14 CFR 43.9 Return to Service ☒ Other regulation specified in Block 12

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

13b. Authorized Signature:	13c. Approval/Authorization No.:	14b. Authorized Signature:	14c. Approval/Certificate No.:
			ZN3R030M
13d. Name (Typed or Printed):	13e. Date(dd/mmm/yyyy):	14d. Name (Typed or Printed):	14e. Date(dd/mmm/yyyy):
		Joel Alonso	21/FEB/2017

User / Installer Responsibilities

It is important to understand that the existence of this document alone does not automatically constitute authority to install the aircraft engine/propeller/article. Where the user/installer performs work in accordance with the national regulations of an airworthiness authority different than the airworthiness authority of the country specified in Block1, it is essential that the user/installer ensures that his/her airworthiness authority accepts aircraft engine(s)/propeller(s)/article(s) from the airworthiness authority of the country specified in Block1. Statements in Blocks 13a and 14a do not constitute installation certification. In all cases, aircraft maintenance records must contain an installation certification issued in accordance with the national regulations by the user/installer before the aircraft may be flown.

1. Approving Civil Aviation Authority/Country:	2.	3. Form Tracking Number:
FAA/United States	**AUTHORIZED RELEASE CERTIFICATE** **FAA Form 8130–3, AIRWORTHINESS APPROVAL TAG**	327670985-01

4. Organization Name and Address:	5. Work Order/Contract/Invoice Number:
Honeywell International, Inc 1944 E. Sky Harbor Circle Phoenix, Arizona 85034 FAA Certificate # ZN3R030M	7391015

6. Item:	7. Description:	8. Part Number:	9. Quantity:	10. Serial Number:	11. Status/Work:
001	STARTER/GENERATOR	28B545-9	1	52-F0053	Inspected

12. Remarks:

The service specified has been accomplished in accordance with IRM 49-26-85 Rev: 30 Date MAR/22/2016

GENERAL VISUAL INSPECTION ACCOMPLISHED.

SEE ATTACHED DOCUMENTS AS APPLICALBE FOR WORK PERFORMED - HONEYWELL CERTIFIES THAT THE WORK SPECIFIED IN BLOCK 11 AND 12 WAS CARRIED OUT IN ACCORDANCE WITH EASA PART 145 AND, WITH RESPECT TO THAT WORK, THE COMPONENT IS CONSIDERED READY FOR RELEASE TO SERVICE UNDER EASA PART 145 APPROVAL NUMBER: EASA 145.4136.

13a. Certifies the items identified above were manufactured in conformity to:	14a. ☒ 14 CFR 43.9 Return to Service ☒ Other regulation specified in Block 12
~~Approved design data and are in a condition for safe operation.~~ ~~Non-approved design data specified in Block 12.~~	Certifies that unless otherwise specified in Block 12, the work identified in Block 11 and described in Block 12 was accomplished in accordance with Title 14, Code of Federal Regulations, part 43 and in respect to that work, the items are approved for return to service.

13b. Authorized Signature:	13c. Approval/Authorization No.:	14b. Authorized Signature:	14c. Approval/Certificate No.:
			ZN3R030M
13d. Name (Typed or Printed):	**13e. Date (dd/mmm/yyyy):**	**14d. Name (Typed or Printed):**	**14e. Date (dd/mmm/yyyy):**
		JOEL ALONSO	21/Feb/2017

User/Installer Responsibilities

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

Where the user/installer performs work in accordance with the national regulations of an airworthiness authority different than the airworthiness authority of the country specified in Block 1, it is essential that the user/installer ensures that his/her airworthiness authority accepts aircraft engine(s)/propeller(s)/article(s) from the airworthiness authority of the country specified in Block 1.

Statements in Blocks 13a and 14a do not constitute installation certification. In all cases, aircraft maintenance records must contain an installation certification issued in accordance with the national regulations by the user/installer before the aircraft may be flown.

1. Approving Civil Aviation Authority/Country:	2.	3. Form Tracking Number:
FAA/United States	**AUTHORIZED RELEASE CERTIFICATE** **FAA Form 8130-3, AIRWORTHINESS APPROVAL TAG**	20170002697948Y14 5010723814-10

4. Organization Name and Address:		5. Work Order/Contract/Invoice Number:
HONEYWELL INTERNATIONAL INC 1944 E SKY HARBOR CIRCLE PHOENIX AZ 85034	Production Approval PT1222NM	7391015 Page 1 of 1

6.Item	7. Description:	8. Part Number:	9. Quantity:	10. Serial Number:	11. Status / Work:
001	TUBE ASSY	3884983-3	1	N/A	NEW

12. Remarks:
AIRWORTHINESS APPROVAL

THIS TUBE ASSY IS A SUBCOMPONENT OF A TSO AUTHORIZATION.
SERIALIZATION NOT REFERENCED IN BLOCK 10 IS NOT REQUIRED OR TRACEABLE BY HONEYWELL INTERNATIONAL INC. REFERENCE FAA ORDER 8130.21

BATCH NUMBER:0004551118

13a. Certifies the items identified above were manufactured in conformity to:
- ☒ Approved design data and are in a condition for safe operation.
- ☐ Non-approved design data specified in Block 12.

14a. ☐ 14 CFR 43.9 Return to Service ☐ Other regulation specified in Block 12

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

13b. Authorized Signature:	13c. Approval/Authorization No.:	14b. Authorized Signature:	14c. Approval/Certificate No.:
Margo Marion	ODA-602216-NM		
13d. Name (Typed or Printed):	**13e. Date (dd/mmm/yyyy):**	**14d. Name (Typed or Printed):**	**14e. Date(dd/mmm/yyyy):**
Margo Marion	21/FEB/2017		

User / Installer Responsibilities

It is important to understand that the existence of this document alone does not automatically constitute authority to install the aircraft engine/propeller/article. Where the user/installer performs work in accordance with the national regulations of an airworthiness authority different than the airworthiness authority of the country specified in Block1, it is essential that the user/installer ensures that his/her

Order Consolidation List
02/21/2017 9:14:39 AM

5010723814

Order Id: 0005143490 **Kit Number:** 2
Consolidation Point Id: CON_PT_PTR1
Final

Delivery/SVO #: 5010723814 **Delivery Date:** 03/09/2017 **Carrier:**
Entry Date/Time: 02/21/2017 **Priority:** 1 **FAA Inspect:**
Ship To: **Entered By:** e078672
LLC_Flag: **COFC_Flag:** **DD250_Flag:**

APMAIN / APASSY / APU-Assembly / GTCP131-9B / P-6767

Cart ID	Count
PLASTIC BAG	1

Honeywell certifies that the product(s) described hereon confirm to the applicable requirements and were procured, manufactured, or processed in accordance with Honeywell Quality Assurance system approved by the United States Government where applicable.

Alex Roque

Authorized Signature - Quality Assurance, Honeywell

Ll	Sku_Id	Description	Order Qty	Lot Id	Alloc Qty	Actual Qty	Variance Qty	Aisle Id	Line Item Status	Batch Number	COO	ROO
1	C_2685336_A	FILTER FUEL	1	None	1	1		08	Complete		US	
2	C_3880938-1_A	ELEMENT FLTR OIL	2	None	2	2		03	Complete	0004416244	US	

2 pick(s)

Honeywell

Material Pick List

Pick date: 20. FEB. 2017
Due date: 09. MAR. 2017

AI 18

2-20-2017

Phoenix - Sky Harbor
Honeywell International Inc
1944 E Sky Harbor Circle
PHOENIX AZ 85034
USA

Work Center		Cell:	APS

Production No.	5010723814
Part Number	3800702-1
Material Description:	ENGINE OUTLINE, GAS TURBINE
Requested Quantity:	1 EA

Transfer Order No.	0005141273
Bar Code:	
WBS Element :	RO-0007391989-01

PSA	MATERIAL NO.	DESCRIPTION	UM	REQ QTY	BATCH NUMBER	OPEN QTY	FROM SLOC	FROM STOR TYPE	FROM BIN LOC
0004456482	1549240-1 B No: 0004456482	COVER	EA	1	0004456482		100A	V01	V7009A7

Special Instructions:

Material Pick List

Pick date: 21. FEB. 2017
Due date: 07. MAR. 2017

Honeywell

Phoenix - Sky Harbor
Honeywell International Inc
1944 E Sky Harbor Circle
PHOENIX AZ 85034
USA

JC

Work Center		Cell:	APM

Production No.	5010723814	Transfer Order No.	0005143489
		Bar Code:	
Part Number	3800702-1		
Material Description:	ENGINE OUTLINE, GAS TURBINE	WBS Element :	RO-0007391989-01
Requested Quantity:	1 EA		

PSA	MATERIAL NO.	DESCRIPTION	UM	REQ QTY	BATCH NUMBER	OPEN QTY	FROM SLOC	FROM STOR TYPE	FROM BIN LOC
0004551118	3884983-3 B No: 0004551118	TUBE ASSY	EA	1	0004551118		100A	V01	V4009A12

Special Instructions:

ANALYTICAL CHECK SHEET FORM

Honeywell

Repair Facility :Phoenix - Sky Harbor Honeywell International Inc 1944 E Sky Harbor Circle PHOENIX AZ 85034

Customer PO : 7391015
Notification No: 000327670634
Outline No : 3800702-1
Mod To Outline. :3800702-1

Customer : ENGRNTL01 MRO PHOENIX- ENGINES RENTAL BANK
Service Order No : 5010723814 **Sales Order No :** 7391989
Serial No: P-6767
Mod to S/N : P-6767 **Model No. :** 131-9B

	Material	Serial No.	Disp	Qty	Description	Service Order #
IN	3800702-1	P-6767	M	0	ENGINE OUTLINE, GAS TURBINE	5010723814
OUT	3800702-1	P-6767	M			

REWORK CODE : LFS
CONDITION CODE : **ACCT IND :**

ANALYST REMARKS :

	Material	Serial No.	Disp	Qty	Description	Service Order #
IN	..3291238-2	2955	U	1	VALVE, CONTROL, SURGE	
OUT	3291238-2	2955	U			

REWORK CODE :
CONDITION CODE : **ACCT IND :**

ANALYST REMARKS :

	Material	Serial No.	Disp	Qty	Description	Service Order #
IN	...1549240-1		N	1	COVER	
OUT	1549240-1		N			

REWORK CODE :
CONDITION CODE : 570 Missing **ACCT IND :**

ANALYST REMARKS :

	Material	Serial No.	Disp	Qty	Description	Service Order #
IN	..3876298-3	1316222105146	U	1	SENSOR OIL LVL	
OUT	3876298-3	1316222105146	U			

REWORK CODE :
CONDITION CODE : **ACCT IND :**

ANALYST REMARKS :

	Material	Serial No.	Disp	Qty	Description	Service Order #
IN	..441921-5	CUC11798	O	1	CONTROL FUEL	
OUT	441921-5	CUC11798	O			

REWORK CODE :
CONDITION CODE : **ACCT IND :**

ANALYST REMARKS :

	Material	Serial No.	Disp	Qty	Description	Service Order #
IN	...2685336		N	1	FILTER, FUEL	
OUT	2685336		N			

REWORK CODE :
CONDITION CODE : 6360 100% upon Removal **ACCT IND :**

ANALYST REMARKS :

ANALYTICAL CHECK SHEET FORM

Honeywell

Repair Facility :Phoenix - Sky Harbor Honeywell International Inc 1944 E Sky Harbor Circle PHOENIX AZ 85034

Customer PO : 7391015
Notification No: 000327670634
Outline No : 3800702-1
Mod To Outline. :3800702-1

Customer : ENGRNTL01 MRO PHOENIX- ENGINES RENTAL BANK
Service Order No : 5010723814 **Sales Order No :** 7391989
Serial No: P-6767
Mod to S/N : P-6767 **Model No. :** 131-9B

	Material	Serial No.	Disp	Qty	Description	Service Order #
IN	..4131020-3	3912	O	1	LUBE MODULE	
OUT	4131020-3	3912	O			

REWORK CODE :
CONDITION CODE : **ACCT IND :**

ANALYST REMARKS :

	Material	Serial No.	Disp	Qty	Description	Service Order #
IN	...3880938-1		N	2	ELEMENT, OIL FILTER	
OUT	3880938-1		N			

REWORK CODE :
CONDITION CODE : 6360 100% upon Removal **ACCT IND :**

ANALYST REMARKS :

	Material	Serial No.	Disp	Qty	Description	Service Order #
IN	..3876287-1	GE3040	U	1	DATA MEMORY MODULE	
OUT	3876287-1	GE3040	U			

REWORK CODE :
CONDITION CODE : **ACCT IND :**

ANALYST REMARKS :

	Material	Serial No.	Disp	Qty	Description	Service Order #
IN	..3885004-2		U	1	DUCT, BLEED AIR	
OUT	3885004-2		U			

REWORK CODE :
CONDITION CODE : **ACCT IND :**

ANALYST REMARKS :

	Material	Serial No.	Disp	Qty	Description	Service Order #
IN	..3291214-2	587	U	1	VALVE OUTLINE, APU BLEED AIR, 3.50 INCH	
OUT	3291214-2	587	U			

REWORK CODE :
CONDITION CODE : **ACCT IND :**

ANALYST REMARKS :

	Material	Serial No.	Disp	Qty	Description	Service Order #
IN	..3876223-1		U	1	TRANSDUCER, MOTIONAL PICKUP	
OUT	3876223-1		U			

REWORK CODE :
CONDITION CODE : **ACCT IND :**

ANALYST REMARKS :

ANALYTICAL CHECK SHEET FORM

Honeywell

Repair Facility :Phoenix - Sky Harbor Honeywell International Inc 1944 E Sky Harbor Circle PHOENIX AZ 85034

Customer PO : 7391015
Notification No: 000327670634
Outline No : 3800702-1
Mod To Outline. :3800702-1

Customer : ENGRNTL01 MRO PHOENIX- ENGINES RENTAL BANK
Service Order No : 5010723814 **Sales Order No :** 7391989
Serial No: P-6767
Mod to S/N : P-6767 **Model No. :** 131-9B

	Material	Serial No.	Disp	Qty	Description	Service Order #
IN	..3888058-7	131018	U	1	EXCITER, IGNITION	
OUT	3888058-7	131018	U			

REWORK CODE :
CONDITION CODE : **ACCT IND :**

ANALYST REMARKS :

	Material	Serial No.	Disp	Qty	Description	Service Order #
IN	..3886188-3	6021	U	1	ACTUATOR, INLET GUIDE VANE	
OUT	3886188-3	6021	U			

REWORK CODE :
CONDITION CODE : **ACCT IND :**

ANALYST REMARKS :

	Material	Serial No.	Disp	Qty	Description	Service Order #
IN	..160564-2	5016	U	1	COOLER OIL	
OUT	160564-2	5016	U			

REWORK CODE :
CONDITION CODE : **ACCT IND :**

ANALYST REMARKS :

	Material	Serial No.	Disp	Qty	Description	Service Order #
IN	..160550-1	2053	U	1	VALVE, TEMPERATURE CONTROL-OUTLINE	
OUT	160550-1	2053	U			

REWORK CODE :
CONDITION CODE : **ACCT IND :**

ANALYST REMARKS :

	Material	Serial No.	Disp	Qty	Description	Service Order #
IN	..3810948-1		U	1	INLET DUCT ASSEMBLY, COMPOSITE, UPPER	
OUT	3810948-1		U			

REWORK CODE :
CONDITION CODE : **ACCT IND :**

ANALYST REMARKS :
Missing material on flange of inlet duct will not effect sealing surface for aircraft ducting.
Acceptable for continued service. Per OHE.

	Material	Serial No.	Disp	Qty	Description	Service Order #
IN	.3616850-3		O	1	PLUMBING AND ELECTRICAL ASSEMBLY, 1319-B	
OUT	3616850-3		O			

REWORK CODE :
CONDITION CODE : **ACCT IND :**

ANALYST REMARKS :

ANALYTICAL CHECK SHEET FORM

Honeywell

Repair Facility :Phoenix - Sky Harbor Honeywell International Inc 1944 E Sky Harbor Circle PHOENIX AZ 85034

Customer PO : 7391015
Notification No: 000327670634
Outline No : 3800702-1
Mod To Outline. :3800702-1

Customer : ENGRNTL01 MRO PHOENIX- ENGINES RENTAL BANK
Service Order No : 5010723814 **Sales Order No :** 7391989
Serial No: P-6767
Mod to S/N : P-6767 **Model No. :** 131-9B

	Material	Serial No.	Disp	Qty	Description	Service Order #
IN	..3883857-2		U	1	TUBE ASSY, FUEL SUPPLY	
OUT	3883857-2		U			

REWORK CODE :
CONDITION CODE : **ACCT IND :**

ANALYST REMARKS :

	Material	Serial No.	Disp	Qty	Description	Service Order #
IN	..3883897-1		U	1	TUBE	
OUT	3883897-1		U			

REWORK CODE :
CONDITION CODE : **ACCT IND :**

ANALYST REMARKS :

	Material	Serial No.	Disp	Qty	Description	Service Order #
IN	.3801103-5		O	1	POWER SECTION ASSY	
OUT	3801103-5		O			

REWORK CODE :
CONDITION CODE : **ACCT IND :**

ANALYST REMARKS :

THE UNIT WAS DISASSEMBLED AND INSPECTED TO THE APPROPRIATE MANUAL AND THE ITEMS NOT LISTED IN THE CHECK SHEETS HAVE BEEN VISUALLY INSPECTED PER THE APPROPRIATE MANUAL AND MEET ALL CRITERIA FOR RE-ASSEMBLY.

AI
18

2-20-2017

1. Approving Civil Aviation Authority/Country: **FAA/United States**	2. **AUTHORIZED RELEASE CERTIFICATE** **FAA Form 8130-3, AIRWORTHINESS APPROVAL TAG**	3. Form Tracking Number: 20150000793258Y15 321258716

4. Organization Name and Address:	Repair Station	5. Work Order/Contract/Invoice Number:
Honeywell International Inc 1944 E Sky Harbor Circle PHOENIX AZ 85034	ZN3R030M	21486350 321258714 Page 1 of 1

6.Item:	7. Description:	8. Part Number:	9. Quantity:	10. Serial Number:	11. Status / Work:
001	ENGINE OUTLINE, GAS TURBINE	3800702-1	1	P-6767	INSPECTED

12. Remarks:

THE SERVICE SPECIFIED HAS BEEN ACCOMPLISHED IN ACCORDANCE WITH:
EM 49-26-95 Rev 8, NOV/24/2014

APU INSPECTED AND TESTED
LONG TERM PRESERVATION ACCOMPLISHED

TSN: 12286:22 CSN: 14206

SEE ATTACHED DOCUMENTS AS APPLICABLE FOR WORK PERFORMED

HONEYWELL CERTIFIES THAT THE WORK SPECIFIED IN BLOCK 11/12 WAS CARRIED OUT IN ACCORDANCE WITH EASA PART 145 AND IN RESPECT TO THAT WORK THE[PRODUCT/ARTICLE] IS CONSIDERED READY FOR RELEASE TO SERVICE UNDER EASA PART 145 APPROVAL NO. EASA 145.4136

13a. Certifies the items identified above were manufactured in conformity to: ☐ Approved design data and are in a condition for safe operation. ☐ Non-approved design data specified in Block 12.		14a. ☒14 CFR 43.9 Return to Service ☒Other regulation specified in Block 12 Certifies that unless otherwise specified in Block 12, the work identified in Block 11 and described in Block 12 was accomplished in accordance with Title 14, Code of Federal Regulations, part 43 and in respect to that work, the items are approved for return to service.	
13b. Authorized Signature:	13c. Approval/Authorization No.:	14b. Authorized Signature: Gabriel Martinez III (145)	14c. Approval/Certificate No.: **ZN3R030M**
13d. Name (Typed or Printed):	13e. Date(dd/mmm/yyyy):	14d. Name (Typed or Printed): **Gabriel Martinez III**	14e. Date(dd/mmm/yyyy): **24/JUN/2015**

User / Installer Responsibilities

It is important to understand that the existence of this document alone does not automatically constitute authority to install the aircraft engine/propeller/article. Where the user/installer performs work in accordance with the national regulations of an airworthiness authority different than the airworthiness authority of the country specified in Block1, it is essential that the user/installer ensures that his/her airworthiness authority accepts aircraft engine(s)/propeller(s)/article(s) from the airworthiness authority of the country specified in Block1. Statements in Blocks 13a and 14a do not constitute installation certification. In all cases, aircraft maintenance records must contain an installation certification issued in accordance with the national regulations by the user/installer before the aircraft may be flown.

DATE	ENGINE HOURS	ENGINE HOURS	REMARKS, INSPECTIONS, REPAIRS, AND ADJUSTMENTS	SIGNATURE
6/22/15	**TSN** 12286:22	**CSN** 14206	**APU P/N** 3800702-1 **S/N** P-6767 **Model 131-9B**	
	TSO N/A	**CSO** N/A	**DESCRIPTION OF WORK PERFORMED:**	
			ENGINE INSPECTED AND TESTED IAW MANUFACTURER'S MANUAL 49-26-95 REV 8 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 **321258714**	
			HONEYWELL AEROSPACE CERTIFIED REPAIR STATION ZN3R030M	
			INSPECTOR:	GABRIEL MARTINEZ III 143

Honeywell

NDC / Life Limited Parts

Date	TSN	CSN	APU P/N 3800702-1 S/N P-6767	CUSTOMER
6/22/15	12286:22	14206	Model 131-9B	ENGINES RENTAL BANK

Noun	P/N	S/N	Status	Noun	P/N	S/N	Status
SURGE VALVE	3291238-2	2955	4	STARTER / GEN	28B545-9	52-F0053	4
FUEL CONTROL	441921-5	CUC11798	4	LUBE MODULE	4131020-3	3912	4
DATA MODULE	3876287-1	GE3040	4	LOAD VALVE	3291214-2	2509	4
IGN UNIT	3888058-7	131018	4	IGV ACTUATOR	3886188-3	6021	4
OIL COOLER	160564-2	5016	4	TEMP VALVE	160550-1	2053	4

REPAIR CODES 1-BENCH TEST 2-REPAIR 3-OVERHAUL 4- USED AS IS 5-NEW E- EXCHANGED

Noun	P/N	S/N	Time	Cycles
TIE SHAFT	NOT	EXPOSED	--	--
L/C IMPELLER	NOT	EXPOSED	N/A	N/A
E/C IMPELLER	NOT	EXPOSED	--	--
1ST T-WHEEL	NOT	EXPOSED	--	--
2ND T-WHEEL	NOT	EXPOSED	--	--

REPAIR ORDER: **321258714**

HONEYWELL AEROSPACE CERTIFIED REPAIRED STATION ZN3R030M **INSPECTOR:** GABRIEL MARTINEZ III 143

ENGINE MODEL: 131-9B
ENGINE SERIAL NUMBER: P-6767
CUSTOMER: MRO PHOENIX- ENGINES RENTAL BA
REPAIR ORDER: 2015-321258714-001

SERVICE RECORD
SERVICE BULLETIN COMPLIANCE

SERVICE BULLETIN	REV	DESCRIPTION	WHERE ACCOMP	WHEN ACCOMP
49-7997	4	STANDARD STORAGE AND PRESERVATION GUIDELINES	PHX	6/22/2015

HONEYWELL INTERNATIONAL
REPAIR STATION # ZN3R030M

INSPECTOR SIGNATURE: GABRIEL MARTINEZ III (143)

DATE: 6/24/2015

ENGINE MODEL:
ENGINE SERIAL NUMBER: P-6767
CUSTOMER: MRO PHOENIX- ENGINES RENTAL BA
REPAIR ORDER: 2015-321258714-001

SERVICE RECORD

AIR WORTHINESS DIRECTIVES STATUS

AD NUMBER	REV	DESCRIPTION	WHERE ACCOMP	WHEN ACCOMP

NO AIRWORTHINESS DIRECTIVES APPLICABLE TO THIS ENGINE MODEL.

HONEYWELL INTERNATIONAL
REPAIR STATION # ZN3R030M

INSPECTOR SIGNATURE: GABRIEL MARTINEZ III (143)

DATE: 6/24/2015

HONEYWELL AEROSPACE SERVICES REPAIR AND OVERHAUL
REPAIR STATION #ZN3R030M

REF W.I. 21.200
FORM APU A_131
REV 11 DATED 100103

LAB TRAVELER

REPAIR ORDER: 5008648986 MODEL: 131-9B SERIAL NO.: P-6767 CUSTOMER: BANK/ENGRNTL01
DATE: 6/19/2012 OUTLINE NO.: 3800702-1 RUN TYPE / BUILD: 1

ENGINEERING LAB INSTRUCTIONS: ADDRESS ALL ITEMS ON PAGE TWO OF THE LAB TRAVELER. Test per EM 49-26-95 Rev S | 34-TI-3800702 Rev V
DMM Reset

OH ENGINEER/TS: Shane Heffer | Gabe Villarreal (602)363-4981 DATE: 6/20/2015

MANUAL NO. USED : NA REV: ___ T.I. NO. AND REV: 3800702-1 ACC: X REJ: ___

DISCREPANCY REPORT: ___ NO ___ YES TDR/IDR #: NA HOURS THIS RUN: 1:56 TOTAL HOURS: 1:56 TOTAL STARTS: 4

UNIT PRESERVED: X YES ___ NO TEMP COMP NA

THE DEFAULT OIL FOR THE TEST IS BP 2380 UNLESS ONE OF THE FOLLOWING IS CHECKED:

CUSTOMER COMPLIANT VERIFIED: ___ YES ___ NO BP 2197 ☐ MOBIL JET II ☐ MOBIL JET 254 ☐

LAB RUN COMMENTS (REF DATA SHEET FOR DETAILS):

LAB TECH COMPLIANCE: ___

LAB TECH SIGN: [signature] FT 90 DATE: 6-24-15 LAB ACCEPT SIGN: [signature] QC 114 DATE: 6-24-15

1. WAS THE TURBINE SECTION REPAIRED OR REPLACED: YES ___ NO ___
2. WAS THE LOAD COMPRESSOR REPAIRED OR REPLACED: YES ___ NO ___
3. WAS THE ENGINE COMPRESSOR REPAIRED OR REPLACED: YES ___ NO ___
4. VERIFY APU SERIAL NUMBER IS CORRECT ON THE TOP OF THE DMM DATASHEET N

PARTS REMOVED IN LAB			PARTS INSTALLED IN LAB		
PN	SN	MECHANIC	PN	SN	MECHANIC

ACCEPTANCE TEST DATA SHEET
131-9[B]
OVERHAUL

USED WITH
TI-3800702
REV. V

UNIT OUTLINE: 3800702-1 MODEL: 131-9[B] UNIT S/N P- 6767

TEST CELL NO.: D115 RUN NO.: ONE DATE 06/23/15

REPAIR ORDER NO.: 5008648986

ECU P/N 2118966-222 S/N 117-B0090 SLAVE YES

ECU OPERATIONAL SW P/N 491B-TUS-A05-00

SPU P/N 1151984-1 S/N 047C-0125 SLAVE YES

SCU P/N 1152426-245 S/N 017C-0176 SLAVE YES

PERFORMANCE SUMMARY					
		2-PACK ECS - 700 HIGH +60KW		MES +65KW	
	DESCRIPTION	REQUIRED	ACTUAL	REQUIRED	ACTUAL
PBCOR	BLEED PRESSURE, PSIA	51.2 (MIN)	51.30	54.5 (MIN)	54.65
WBCOR	BLEED AIRFLOW, LB/MIN	155.0 (MIN)	155.6	N/A	140.2
TBCOR	BLEED TEMPERATURE,F	445.0 (MAX)	418.	445.0 (MAX)	429.
EGTCOR	EXHAUST GAS TEMPERATURE,F	1090.0(MAX)	1012.	1080.0(MAX)	1019.
WFCOR	FUEL CONSUMPTION, LB/HR	N/A	267.9	287.0 (REF)	265.3

PERFORMANCE DATA ADJUSTED TO S.L., 100F, INSTALLED CONDITIONS. EGTCOR AND WFCOR ARE ALSO CORRECTED TO MINIMUM BLEED PRESSURE. WFCOR (REF) IS A REFERENCE ONLY VALUE AND NOT A REQUIREMENT.

INITIAL IGV POSITION 4.1.2(B) 70 DEGREES, INITIAL PBCOR 52.4 PSIA

FINAL IGV POSITION 4.1.2(C) 69 DEGREES, FINAL PBCOR 51.4 PSIA

ECS OFFSET=(FINAL IGV-INITIAL IGV)= -1 DEGREES

OTHER ACCEPTANCE DATA						
ITEM	PARAGRAPH	PARAMETER	UNITS	DATA POINT	VALUE	REQUIRED
FLOW SENSOR CHECK	4.1.4(G)	WBCDNA	LB/MIN	4.	49.2	FIGURE 7
FLOW SENSOR CHECK	4.1.4(J)	WBCDNA	LB/MIN	5.	50.1	FIGURE 7
FLOW SENSOR ACCURACY	4.1.4(K)	WC	- -	- -	0.63	+/-5

SCV STABILITY (4.1.5) SCV IS STABLE YES

MINIMUM SURGE MARGIN (4.1.6) UNIT PASS MINIMUM SURGE MARGIN (4.1.6) YES

AC POWER START TIME 39 SEC (4.1.7)

DC POWER START TIME 40 SEC (4.1.7)

LOAD CYCLE STABILITY 4.2(C) 96 KW (0007) STABLE YES

LOAD CYCLE STABILITY 4.2(E) MES (0008) STABLE YES

LOAD CYCLE STABILITY 4.2(G) MES +96KW (0009) STABLE YES EGTCOR 1078. (MAX 1135F)

LOAD CYCLE STABILITY 4.2(H) RTL STABLE YES

APU FAULTS OBSERVED 5.1(B) NONE

APU DRY WEIGHT: N/A LB

TOTAL NUMBER OF STARTS(DURING ATP): 4

TOTAL OPERATING TIME(DURING ATP): 1:56 HR/MIN

UNIT STATUS: ACCEPTED

WE CERTIFY THE ABOVE DATA ARE TRUE AND CORRECT, AND IN ADDITION, THE UNIT HAS SUCCESSFULLY MET ALL OTHER TEST REQUIREMENTS SPECIFIED IN THE LATEST REVISION OF THE APPLICABLE TEST SPECIFICATION INDICATED ABOVE

	SIGNATURE	DATE
TECHNICIAN	FT 90	6-24-15
SUPERVISOR	E-VALENZUELA FT 176	6-24-15
QUALITY ASSURANCE	QO 114	6-24-15

ACCEPTANCE TEST DATA SHEET
OVERHAUL 131-9[B]
TEST CELL D115

APU S/N P- 6767

PARAMETER DESCRIPTION			ATP PARAGRAPH-->	4.1.2E	4.1.3C	4.1.1E
				2PCK-700 ECS HIGH	MES	RTL
DIGITAL DATA SCAN			HR:MIN	02:50	03:03	02:43
DIGITAL DATA POINT NUMBER				2.	3.	1.
PBAR	BAROMETRIC PRESSURE		PSIA	14.03	14.03	14.03
PCELL	CELL PRESSURE		PSIA	14.02	14.02	14.03
T1	T1-APU INLET TEMPERATURE (AVG)		DEG F	74.2	75.1	72.5
TENIVA	UNIT INLET TEMPERATURE (T2)		DEG F	74.3	74.3	71.7
POIL	OIL PRESSURE -- LUBE PUMP DISCHARGE		PSIG	67.1	67.1	67.5
TOIL	OIL TEMPERATURE -- LUBE PUMP DISCHARGE		DEG F	178.	179.	174.
PSGBX	GEARBOX PRESSURE -- SUMP		IN H2O	9.13	7.58	11.62
TFUEL	FUEL INLET TEMPERATURE		DEG F	86.	86.	85.
PFUEL	FUEL INLET PRESSURE		PSIG	31.4	31.3	32.3
VIBGBA	UNIT VIBRATION -- GEARBOX		IN/SEC	0.23	0.23	0.20
VIBTHA	UNIT VIBRATION -- TURBINE		IN/SEC	0.15	0.15	0.16
VIBP1E	ONE-PER-REV TURBINE POST		IN/SEC	1.6	1.6	1.5
XNL	SHAFT SPEED		RPM	48802.	48800.	48800.
PIGV	INLET GUIDE VANE POSITION		DEGREE	68.9	90.0	21.9
PCDFD	COMPRESSOR DISCHARGE STATIC PRESSURE		PSIA	98.2	99.2	91.0
TCDFD	COMPRESSOR DISCHARGE TEMPERATURE		DEG F	577.	582.	559.5
TTDEA	TURBINE DISCHARGE TEMPERATURE	#1	DEG F	870.	921.	625.
TTDEB	(UNIT EGT)	#2	DEG F	896.	954.	665.
EGT	LAB EGT (AVG)		DEG F	883.	936.	644.
PS9	EXHAUST STATIC PRESSURE		PSIA	14.01	14.01	14.02
PBORFA	BLEED AIR ORIFICE PRESSURE		PSIA	43.4	54.4	[redacted]
TBORFA	BLEED AIR ORIFICE TEMPERATURE (AVG)		DEG F	335.	381.	[redacted]
PDBORA	BLEED AIR ORIFICE DELTA P		PSID	1.38	1.25	[redacted]
WB	BLEED AIRFLOW		LB/MIN	141.0	146.4	[redacted]
WBCDNA	CORRECTED DISCHARGE AIRFLOW		LB/MIN	57.6	49.4	[redacted]
PB	BLEED PRESSURE (AVG)		PSIA	45.47	56.20	[redacted]
TB	BLEED TEMPERATURE (AVG)		DEG F	370.	405.	[redacted]
WF	FUEL FLOW (AVG)		LB/HR	241.2	259.5	155.9
PWGEN	GENERATOR LOAD - POWER FACTOR = 1.0		KW	58.3	62.5	0.3

FT 90

CALCULATIONS:

GENSL	GENERATOR LOAD AT SEA LEVEL -- PWGEN/(PCELL/14.696)	KW	61.1	65.5	[redacted]
	APU DELTAP/DELTA -- (PCELL-PS9)/(PCELL/14.696)	PSID	0.01	0.01	[redacted]
	BLEED PRESSURE AT SEA LEVEL -- PB/(PCELL/14.696)	PSIA	47.66	58.91	[redacted]
DELPB	BLEED PRESSURE LAPSE RATE CORRECTION	PSIA	5.24	-2.66	[redacted]
	INSTALLATION EFFECT ON BLEED PRESSURE	PSIA	-1.60	-1.60	[redacted]
PBCOR	BLEED PRESSURE CORRECTED TO SEA LEVEL, 100F, INSTALLED	PSIA	51.30	54.65	[redacted]
	BLEED AIRFLOW AT SEA LEVEL -- WB/(PCELL/14.696)	LB/MIN	147.8	153.5	[redacted]
DELWB	BLEED FLOW LAPSE RATE CORRECTION	LB/MIN	11.8	-9.3	[redacted]
	INSTALLATION EFFECT ON WB	LB/MIN	-4.0	-4.0	[redacted]
WBCOR	BLEED AIRFLOW CORRECTED TO SEA LEVEL, 100F, INSTALLED	LB/MIN	155.6	140.2	[redacted]
DELTB	BLEED TEMPERATURE LAPSE RATE CORRECTION	DEG F	48.	25.	[redacted]
TBCOR	BLEED TEMPERATURE CORRECTED TO SEA LEVEL, 100F, INSTALLED	DEG F	418.	429.	[redacted]
DELEGT	EGT LAPSE RATE CORRECTION	DEG F	100.	54.	[redacted]
	APU DELTA P CORRECTION ON EGT-(33*(PCELL-PS9)/(PCELL/14.696))	DEG F	0.	0.	[redacted]
	INSTALLATION EFFECT ON EGT	DEG F	30.	30.	[redacted]
	EXCESS BLEED PRESSURE CORRECTION ON EGT-- (-10*(PBCOR-PBREQ))	DEG F	1.	1.	[redacted]
EGTCOR	EGT CORRECTED TO SEA LEVEL, 100F, INSTALLED, AT PBREQ	DEG F	1012.	1019.	[redacted]
	SEA LEVEL FUEL FLOW -- WF/(PCELL/14.696)*(FLHV/18550)	LB/HR	252.4	271.6	[redacted]
DELWF	FUEL FLOW LAPSE RATE CORRECTION	LB/HR	15.2	-6.4	[redacted]
	APU DELTA P CORRECTION ON WF --(8*(PCELL-PS9)/(PCELL/14.696))	LB/HR	0.1	0.1	[redacted]
	INSTALLATION EFFECT ON WF	LB/HR	0.6	0.6	[redacted]
	EXCESS BLEED PRESSURE CORRECTION ON WF -- (-4*(PBCOR-PBREQ))	LB/HR	0.4	0.6	[redacted]
WFCOR	FUEL FLOW CORRECTED TO SEA LEVEL, 100F, INSTALLED, AT PBREQ	LB/HR	267.9	265.3	[redacted]

[redacted] - DATA NOT NEEDED OR APPLICABLE QA APPROVAL

QA 114

DATE 6-23-15
TEST CREW G. Lounds
CELL 813
PROD. RELEASE OR R/O # 5008648986

GAS TURBINE TEST LOG

PAGE NO. 1
ASSY. NO. 3800702-1
S/N P- 6767
Build # 01

START TIME	STOP TIME	RUN MIN.	STARTS	TIME	REMARKS
				P/T	Unit installed in T/C. ck list items c/w.
					Supply B-nut torque ck c/w. LOQ check c/w.
					DMM set = Ø. Sleeve. Filters installed.
					Serviced with BP-2380 oil. Rotary, VXT
					and OFFCAL c/w. Rp = 10,900. Roil = 26.4/pstg
					Refilled oil to full. No leaks noted.
2149			1	A/C	A/S = 47 Secs. T-oil = 176 (F) Air & Fluid
	2110	:21			Leak c/w. Run-in c/w. DTT SPD.
					Mag Plug ✓ = ok. Oil level = ok. P3.8 & 3.9 c/w.
					Delta's of MBS ck = ok. EGT Corr = ok.
					FT 90
		TOTAL			

AP5144

DATE 6/24/15
TEST CREW Matuszewski
CELL 815
PROD. RELEASE
OR R/O # 5008648986

GAS TURBINE TEST LOG

PAGE NO. 2
ASSY. NO. 3800702-1
S/N P-6767
Build # ONE

START TIME	STOP TIME	RUN MIN.	STARTS	TIME	REMARKS
		:21	1	P/T	----------Time and starts from page 1----------
					Looked over unit = ok. Mag plug = clean. Oil Level= good.
					No noises, faults, or anomalies. Oil level and mag plug = good. Tailpipe = clean.
0230			2		A/C start = 37 sec. *P4.1 RTL DP#1 = C/W. P 4.1.2 ECS. performance.
					initial IGV. POS. = 70deg., PB. = 52.4 psia., final IGV. POS. =69deg., PB. = 51.4
					psia ., ECS OFFSET (-1) deg. Dp #2. Pg. 4.1.3 MES. performance. dp. #3 rec,
					Pg. 4.1.4 Flow Sensor ck. dp's.# 4 & #5 rec. Pg. 4.1.4 (m) no surge Pg. 4.1.5
					Stability. ck. =SCV stable, not cycling. Pg. 4.1.6 Surge Margin Dp # 6 rec. No surge.
	0315	:45			Leak check = No leaks seen. S/D No noises, faults, or anomalies. Oil level and
		1:06			mag plug = good.
0331	0421	:40	3		D/C A/S= 40sec. P4.2 Load cycles = C/W DP(s) 7-8-9 captured,no leaks seen. S/D
		1:46			copy out data. Stripped unit for leak check changed filters and washed unit down.
0440	0450	:10	4		A/S= C/W. No leaks seen. Preserved with 1010 S/D
		1:56			
					60 Gal used FT 90
		TOTAL			

1	Item Count	126	126 NUMBER ENTRIES IN DMM
2	SW Version	0	0 ECU / DMM COMPATIBILITY SOFTWARE VERSION (SV)
3	APUser.pre	P	P APU SERIAL NUMBER PREFIX
4	APUser.num1	00	00 APU SERIAL NUMBER (FIRST 2 DIGITS)
5	APUser.num2	00	00 APU SERIAL NUMBER (NEXT 2 DIGITS)
6	APUser.num3	67	67 APU SERIAL NUMBER (NEXT 2 DIGITS)
7	APUser.num4	67	67 APU SERIAL NUMBER (LAST 2 DIGITS)
8	APUser.suf		APU SERIAL NUMBER (SUFFIX 2 DIGITS)
9	APUhours	12288	12288 HOURS
10	APUminutes	20	20 MINUTES
11	APUcycles	14210	14210 CYCLES
12	ECS_OFFSET	-100	-1 ECS OFFSET DEGREES (SV)
13	FUELOFF100	0	0 FUEL FLOW OFFSET AT 100 POUNDS PPH (SV)
14	FUELOFF200	0	0 FUEL FLOW OFFSET AT 200 PPH (SV)
15	ABSTARTS	0	0 NUMBER OF UNSUCCESSFUL STARTS (SV)
16	APU_OPTIONS	0	0 APU OPTION FLAGS
17	FLTSTRT	0	0 NUMBER OF INFLIGHT STARTS (SV)
18	ABFLTSTRT	0	0 NUMBER OF UNSUCCESSFUL INFLIGHT STARTS (SV)
19	TURB_CYCLES	0	0 CYCLES SINCE TURBINE REPAIR (TB)
20	LC_CYCLES	0	0 CYCLES SINCE LOAD COMP REPAIR (LC)
21	EC_CYCLES	0	0 CYCLES SINCE ENGINE COMP REPAIR (EC)
22	CLOG_FILTER	0	0 NUMBER OF CLOGGED OIL FILTER SHUTDOWNS (SV)
23		0	0 SPARE
24		0	0 SPARE
25	INSTALLHR	0	0 TIME SINCE AIRPLANE INSTALLATION HOURS (SV)
26	INSTALLMIN	0	0 TIME SINCE AIRPLANE INSTALLATION MINUTES (SV)
27	ECSHOURS	0	0 OPERATING TIME IN ECS HOURS (SV)
28	ECSMINUTES	0	0 OPERATING TIME IN ECS MINUTES (SV)
29	FLTHOURS	0	0 OPERATING TIME IN FLIGHT HOURS (SV)
30	FLTMINUTES	0	0 OPERATING TIME IN FLIGHT MINUTES (SV)
31	HOTTIME	0	0 OPERATING HOURS T2 GREATER 100 DEGF (SV)
32	COLDTIME	0	0 OPERATING HOURS T2 LESS 0 DEGF (SV)
33	NMES	0	0 NUMBER OF MAIN ENGINE STARTS (SV)
34	HIGHSTRT	0	0 NUMBER OF START ATTEMPTS ABOVE 25000 FT (SV)
35	BRRSTRT	0	0 NUMBER OF STARTS OILTEMP LESS 0 DEGF (SV)
36	BRRRRSTRT	0	0 NUMBER OF STARTS OILTEMP LESS -40 DEGF (SV)
37	LOWOILPR	0	0 NUMBER OF LOW OIL PRESSURE SHUTDOWNS (SV)
38	NUM3LOP	0	0 NUMBER OF 3 CONSECUTIVE LOP SHUTDOWNS (SV)
39	CONSECLOP	0	0 NUMBER OF CONSECUTIVE LOP SHUTDOWNS (SV)
40	HOT	0	0 NUMBER OF HIGH OIL TEMPERATURE SHUTDOWNS (SV)
41	OVRTMPGOV	0	0 NUMBER OF ONSPEED OVERTEMP SHUTDOWNS (SV)
42	OVRTMPSTRT	0	0 NUMBER OF STARTING OVERTEMP SHUTDOWNS (SV)
43	REVFLOW	0	0 NUMBER OF REVERSE FLOW SHUTDOWNS (SV)
44	NOACCEL	0	0 NUMBER OF NO ACCELERATION SHUTDOWNS (SV)
45	OVERSPEED	0	0 NUMBER OF OVERSPEED SHUTDOWNS (SV)
46	UNDERSPEED	0	0 NUMBER OF UNDERSPEED SHUTDOWNS (SV)
47	INFLTSD	0	0 NUMBER OF INFLIGHT SHUTDOWNS (SV)
48	AKWECS(1)	0	0 AVERAGE GEN LOAD ECS KW * (SV)
49	AKWECS(2)	0	0 AVERAGE GEN LOAD ECS KW (SV)
50	AKWMES(1)	0	0 AVERAGE GEN LOAD MES KW * (SV)
51	AKWMES(2)	0	0 AVERAGE GEN LOAD MES KW (SV)
52	AKWFLT(1)	0	0 AVERAGE GEN LOAD INFLIGHT KW * (SV)
53	AKWFLT(2)	0	0 AVERAGE GEN LOAD INFLIGHT KW (SV)
54	AT4ECS(1)	0	0 AVERAGE T4 ECS DEG F* (SV)
55	AT4ECS(2)	0	0 AVERAGE T4 ECS DEG F (SV)
56	AT4MES(1)	0	0 AVERAGE T4 MES DEG F* (SV)
57	AT4MES(2)	0	0 AVERAGE T4 MES DEG F (SV)
58	AT4FLT(1)	0	0 AVERAGE T4 INFLIGHT DEG F* (SV)
59	AT4FLT(2)	0	0 AVERAGE T4 INFLIGHT DEG F (SV)
60	T1800	0	0 HOURS T4 > 1800 DEG F (TB)
61	T1850	0	0 HOURS T4 > 1850 DEG F (TB)
62	T1900	0	0 HOURS T4 > 1900 DEG F (TB)
63	T1950	0	0 HOURS T4 > 1950 DEG F (TB)
64	T2000	0	0 HOURS T4 > 2000 DEG F (TB)
65	RECT4R	0	0 HIGHEST T4 ONSPEED DEGF (TB)
66	RECT5S	0	0 HIGHEST T5 DURING START DEGF (TB)
67	ABRTCLDN	0	0 NUMBER OF ABORTED COOLDOWNS (SV)
68	CT5ATP	0	900 AVERAGE CORR T5 DURING MES DEGF (TB)
69	MDNCT5ATP	0	900 MAIDEN CORR T5 DURING MES DEGF (TB)
70	CT5ATPXX500	0	900 CORR T5 MES AT XX500 HOURS DEGF
71	CT5ATPX1000	0	900 CORR T5 MES AT X1000 HOURS DEGF
72	CT5ATPX1500	0	900 CORR T5 MES AT X1500 HOURS DEGF
73	CT5ATPX2000	0	900 CORR T5 MES AT X2000 HOURS DEGF
74	CT5ATPX2500	0	900 CORR T5 MES AT X2500 HOURS DEGF
75	CT5ATPX3000	0	900 CORR T5 MES AT X3000 HOURS DEGF
76	CT5ATPX3500	0	900 CORR T5 MES AT X3500 HOURS DEGF
77	CT5ATPX4000	0	900 CORR T5 MES AT X4000 HOURS DEGF
78	CT5ATPX4500	0	900 CORR T5 MES AT X4500 HOURS DEGF
79	CT5ATPX5000	0	900 CORR T5 MES AT X5000 HOURS DEGF

80	CT5ATPX6000	0	900	CORR T5 MES AT X6000 HOURS DEGF
81	CT5ATPX7000	0	900	CORR T5 MES AT X7000 HOURS DEGF
82	CT5ATPX8000	0	900	CORR T5 MES AT X8000 HOURS DEGF
83	CT5ATPX9000	0	900	CORR T5 MES AT X9000 HOURS DEGF
84	CT5ATPX0000	0	900	CORR T5 MES AT X10000 HOURS DEGF
85	CPTATP	0	0	AVERAGE CORR PT DURING MES PSIA (LC)
86	MDNCPTATP	0	0	MAIDEN CORR PT DURING MES PSIA (LC)
87	CPTATPXX500	0	0	CORR PT DURING MES AT XX500 HOURS PSIA
88	CPTATPX1000	0	0	CORR PT DURING MES AT X1000 HOURS PSIA
89	CPTATPX1500	0	0	CORR PT DURING MES AT X1500 HOURS PSIA
90	CPTATPX2000	0	0	CORR PT DURING MES AT X2000 HOURS PSIA
91	CPTATPX2500	0	0	CORR PT DURING MES AT X2500 HOURS PSIA
92	CPTATPX3000	0	0	CORR PT DURING MES AT X3000 HOURS PSIA
93	CPTATPX3500	0	0	CORR PT DURING MES AT X3500 HOURS PSIA
94	CPTATPX4000	0	0	CORR PT DURING MES AT X4000 HOURS PSIA
95	CPTATPX4500	0	0	CORR PT DURING MES AT X4500 HOURS PSIA
96	CPTATPX5000	0	0	CORR PT DURING MES AT X5000 HOURS PSIA
97	CPTATPX6000	0	0	CORR PT DURING MES AT X6000 HOURS PSIA
98	CPTATPX7000	0	0	CORR PT DURING MES AT X7000 HOURS PSIA
99	CPTATPX8000	0	0	CORR PT DURING MES AT X8000 HOURS PSIA
100	CPTATPX9000	0	0	CORR PT DURING MES AT X9000 HOURS PSIA
101	CPTATPX0000	0	0	CORR PT DURING MES AT X10000 HOURS PSIA
102	CWFATP	0	0	AVERAGE CORR FUEL FLOW DURING MES PPH (SV)
103	MDNCWFATP	0	0	MAIDEN CORR FUEL FLOW DURING MES PPH (SV)
104	CWFATPXX500	0	0	ORR FUEL FLOW MES AT XX500 HOURS PPH
105	CWFATPX1000	0	0	CORR FUEL FLOW MES AT X1000 HOURS PPH
106	CWFATPX1500	0	0	CORR FUEL FLOW MES AT X1500 HOURS PPH
107	CWFATPX2000	0	0	CORR FUEL FLOW MES AT X2000 HOURS PPH
108	CWFATPX2500	0	0	CORR FUEL FLOW MES AT X2500 HOURS PPH
109	CWFATPX3000	0	0	CORR FUEL FLOW MES AT X3000 HOURS PPH
110	CWFATPX3500	0	0	CORR FUEL FLOW MES AT X3500 HOURS PPH
111	CWFATPX4000	0	0	CORR FUEL FLOW MES AT X4000 HOURS PPH
112	CWFATPX4500	0	0	CORR FUEL FLOW MES AT X4500 HOURS PPH
113	CWFATPX5000	0	0	CORR FUEL FLOW MES AT X5000 HOURS PPH
114	CWFATPX6000	0	0	CORR FUEL FLOW MES AT X6000 HOURS PPH
115	CWFATPX7000	0	0	CORR FUEL FLOW MES AT X7000 HOURS PPH
116	CWFATPX8000	0	0	CORR FUEL FLOW MES AT X8000 HOURS PPH
117	CWFATPX9000	0	0	CORR FUEL FLOW MES AT X9000 HOURS PPH
118	CWFATPX0000	0	0	CORR FUEL FLOW MES AT X10000 HOURS PPH
119	IGVATP	8975	89.750	IGV POSITION DURING MES DEGREES
120	NLOADSHED	0	0	NUMBER OF LOADSHED OCCURANCES (SV)
121	LOADSHED8P3	0	0	NUMBER OF LOADSHEDS P2 LESS 8.3 PSIA (SV)
122	LOADSHED5P2	0	0	NUMBER OF LOADSHEDS P2 LESS 5.2 PSIA (SV)
123	SPDROOPS	0	0	NUMBER OF SPEED DROOPS BELOW 85% SPEED (SV)
124	OVRHAUL_HR	0	0	HOURS SINCE LAST SHOP VISIT (SV)
125	OVRHAUL_MIN	0	0	MINUTES SINCE LAST SHOP VISIT (SV)
126	APU_HOURS_H	0	0	APU HOURS HIGH (ADD TO APUHOURS ENTRY 9)

COMMERCIAL

Honeywell

INCOMING TRAVELER

MRO PHOENIX- ENGINES RENTAL BANK

Phoenix - Sky Harbor
Honeywell International Inc
1944 E Sky Harbor Circle
PHOENIX AZ 85034

NOTIFICATION: 321258716

SALES ORDER: 6146286

SERVICE ORDER: 5008648986

ADMIN: JANET ABRAMS

QUOTE NO: _____ **WBS:** RO-0006146286-01

CUST.NO: ENGRNTL01 **CUST PN:** **Alternate S/N:** **PO DATE:**

DUE DATE: 19 JUL 2015 **RECEIVED DATE:** 19 JUN 2015 **PART NO:** 3800702-1

Part Description: ENGINE OUTLINE, GAS TURBINE

PO#: 21486350 **UID/UST/USN#:** 6454728B545-9 **FREIGHT FEES:**

S/N: P-6767

WORK CENTER: APU-Main Work Center

QUANTITY : 1 **IMPORT REF. NO:** **USER STATUS :** MI

TERMS: Net 2 Days (Interco) **EXCHANGE PRICE:** 0.00

CONTRACT #: **DESCRIPTION:** **PROGRAM CODE:** BNK

FIXED LABOR HOURS: 0.0 **QUOTE:**NO **WTY:**N **WTY TYP:** **WTY.END DATE:**

CNTNR TYP & NO: No Special Number **CARRIER:**

DAMAGE: **PKG DEF:** **SEALS:** **ESD PROTECTED:** **WAYBILL#:** MACH1: S00746443

AIRCRAFT TYPE: **AIRCRAFT TAIL NO:**

DAMAGE REMARKS:

REASON FOR RETURN:(SEE PURCHASE ORDER FOR COMPLETE INSTRUCTIONS)

MATERIAL NUMBER ALERT

D&S UFR Available-000316978158
D&S UFR AVAILABLE - Non USGOV customers only - This Material is covered under a D&S Universal Flat Rate (UFR).Â#Update PO "review identifying as Flat Rate.Â# If Workscope changes, task back to CSR w/ applicable notes and revised findings report for " revised quotation.

XXXXXXXXXXXXXXXXXXXX Repair History XXXXXXXXXXXXXXXXXXXXX

Previous Notification #	Ship Date	Warranty Decision	Incoming Material	Confirmation of Failure
318511086	26 MAR 2015		3800702-1	YES

PO NOTES

* 06/19/2015 13:20:10 Janet Abrams (E449304) Phone 6023652567 REASON FOR RETURN: POST LEASE INSPECTION LONG TERM PRESERVATION. PREV HISTORY 318460314 07/29/2014 .RA JANET ABRAMS X2567 OF MISSING PARTS AND/OR CUSTOMER DAMAGE.IF FOD FOUND, STOP WORK AND ALERT RA. DO NOT REPLACE MISSING LRUS W/OUT RA APPROVAL. SCRAP IN HOUSE. LOGBOOK RCVD TSN: 12287 CSN: 14206

PRINTED BY: Janet Abrams **DATE:** 19 JUN 2015 13:21:16

ARP900 YAFL_FRM30088

Southwest®

SA-M 361
REV: 03/13/97
DCA 4775

APU COMPONENT SERVICE RECORD

New: ☐ From: 0490084-22S,18APR15

Fwd Hrs: 12126:33 Fwd Cyc: 13769

Order: 0 0490084

Installation					Removal									
Date	APU S/N	A/C	APU Time	APU Cyc	Date	APU Time	APU Cyc	Hrs Inst	Cyc Inst	TSN	CSN	Reason Remd	Hrs Rem:	Cyc Rem:
19APR15	P-6767	727	12127	13769	03JUN15	12287	14206	160	437	12287	14206	LOANED APU		15794

Serial Number: P-6767 Part Number: 3800702-1 Hour Control: 30000 Cycle Control: 30000

Name: APU

Wizard Generated APU Disk History Card Information

Southwest

SA-M 361
REV: 03/13/97
DCA 4775

APU COMPONENT SERVICE RECORD

New: ☐ From: 0490084-22S,18APR15

Fwd Hrs: 12126:33 Fwd Cyc: 13769

Order: 1 0490089

Installation					Removal									
Date	APU S/N	A/C	APU Time	APU Cyc	Date	APU Time	APU Cyc	Hrs Inst	Cyc Inst	TSN	CSN	Reason Remd	Hrs Rem:	Cyc Rem:
19APR15	P-6767	727	12127	13769	03JUN15	12287	14206	160	437	12287	14206	LOANED APU		15794

Serial Number: 040350106719 Part Number: 3822391-6 Hour Control: 30000 Cycle Control: 30000

Name: Compressor Rotor

Wizard Generated APU Disk History Card Information

Southwest

SA-M 361
REV: 03/13/97
DCA 4775

APU COMPONENT SERVICE RECORD

New: ☐ From: 0490084-22S,18APR15

Fwd Hrs: 0:00 Fwd Cyc: 0

Order: 2 0490090

Installation					Removal									
Date	APU S/N	A/C	APU Time	APU Cyc	Date	APU Time	APU Cyc	Hrs Inst	Cyc Inst	TSN	CSN	Reason Remd	Hrs Rem:	Cyc Rem:
19APR15	P-6767	727	12127	13769	03JUN15	12287	14206	160	437	160	437	LOANED APU		29563

Serial Number: 14-156101-06511 Part Number: 3840310-3 Hour Control: 30000 Cycle Control: 30000

Name: 1st Stage T-Wheel

Wizard Generated APU Disk History Card Information

Southwest

SA-M 361
REV: 03/13/97
DCA 4775

APU COMPONENT SERVICE RECORD

New: ☐ From: 0490084-22S,18APR15

Fwd Hrs: 7206:23 Fwd Cyc: 10753

Order: 3 0490091

Installation					Removal									
Date	APU S/N	A/C	APU Time	APU Cyc	Date	APU Time	APU Cyc	Hrs Inst	Cyc Inst	TSN	CSN	Reason Remd	Hrs Rem:	Cyc Rem:
19APR15	P-6767	727	12127	13769	03JUN15	12287	14206	160	437	12287	14206	LOANED APU		15794

Serial Number: 05134510853 Part Number: 3840165-4 Hour Control: 30000 Cycle Control: 30000

Name: 2nd Stage T-Wheel

Wizard Generated APU Disk History Card Information

Southwest

SA-M 361
REV: 03/13/97
DCA 4775

APU COMPONENT SERVICE RECORD

New: ☐ From: 0490084-22S,18APR15

Fwd Hrs: 12126:33 Fwd Cyc: 13769

Order: 4 0490092

Installation					Removal									
Date	APU S/N	A/C	APU Time	APU Cyc	Date	APU Time	APU Cyc	Hrs Inst	Cyc Inst	TSN	CSN	Reason Remd	Hrs Rem:	Cyc Rem:
19APR15	P-6767	727	12127	13769	03JUN15	12287	14206	160	437	12287	14206	LOANED APU		15794

Serial Number: 04P20182 Part Number: 3822504-3 Hour Control: 30000 Cycle Control: 30000

Name: Turbine Shaft

Wizard Generated APU Disk History Card Information

SA-M 832 APU Workscope and Disk Sheet

Rev 15-01 05/28/2015

Southwest®

Date: 6/4/2015

APU S/N: P-6767 Repair Order: APU Model: 131-9B

APU Total Time: 12287 APU Total Cycles: 14206 ACN: 727

Maintenance Provider:

Warranty: ◯ Yes ◯ No

Removal Date: 6/3/2015 Removal Station: PHX

Reason for removal:
LOANED APU

Recommended work to be performed:

When this APU is not a qualified shop visit, per the relevant Maintenance Service Agreement (MSA), the Maintenance Provider must contact Southwest Airlines Powerplant Engineering prior to work being accomplished. When the component or APU is sufficiently disassembled, comply with the Service Bulletins (SBs) listed below in addition to those listed in the MSA, WPG, Engineering Build Standard (EBS), or Southwest Airlines Report.

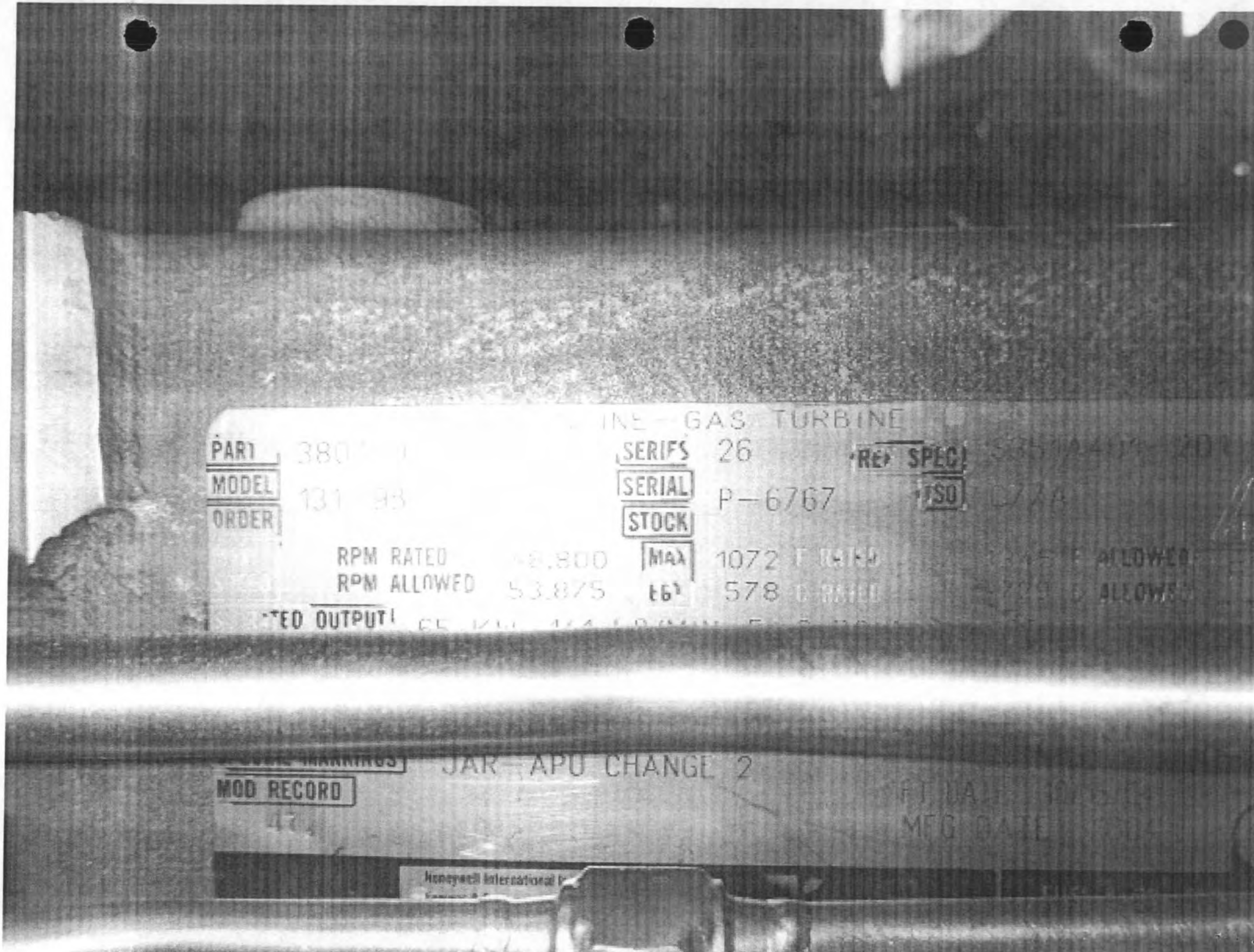
GTCP85-129 CKA/CKB/H Specifications			
Repairs to GTCP85-129 CKA/CKB/H are in accordance with Honeywell WPG 31-16647-03D and APU *CMM* 49-21-73. Repairs, SBs, line replaceable unit (LRU) information, and requirement codes are in accordance with Southwest Airlines EBS 49-XXXXXX Rev XX.			
GTCP85-129 CKA/CKB/H	**Total Time**	**TSO**	**TSR**
Nucleus			
Gearbox			
TSHSI			

Southwest®

Date: 6/4/2015

GTCP131-9B Specifications						
Repairs to GTCP131-9B are in accordance with Honeywell WPG 31-16647-13 and APU *CMM* 49-26-95. Repairs, Service Bulletins, LRU information, and requirement codes are in accordance with EBS E-49EBS-01934 Rev XX.						
GTCP131-9B	**Part Number**	**Serial Number**	**Hours Used**	**Cycle Limit**	**Cycles Used**	**Cycles Remain**
Compressor Rotor						
Unit SI/N 0490089	3822391-6	040350106719	12287	30000	14206	15794
Turbine Shaft						
Unit SI/N 0490092	3822504-3	04P20182	12287	30000	14206	15794
1st Stage T-Wheel						
Unit SI/N 0490090	3840160-5	14-156101-06511	160	30000	437	29563
2nd Stage T-Wheel						
Unit SI/N 0490091	3840165-4	05134510853	12287	30000	14206	15794

Engineering Notes:



GAS TURBINE
PART
SERIES 26
SPEC
MODEL
SERIAL P-6767
TSO
ORDER
STOCK
RPM RATED
RPM ALLOWED 53,875
MAX 1072
578
JAR - APU CHANGE 2
MOD RECORD
MFG DATE

6/19/2015 Data Conversion For ENGINE S/N P6767
WINDMM.EXE Version 2.11.03 131-9B Overhaul Version 03.10

1	Item Count	126	126	NUMBER ENTRIES IN DMM
2	SW Version	07	07	ECU / DMM COMPATIBILITY SOFTWARE VERSION (SV)
3	APUser.pre	P	P	APU SERIAL NUMBER PREFIX
4	APUser.num1	00	00	APU SERIAL NUMBER (FIRST 2 DIGITS)
5	APUser.num2	00	00	APU SERIAL NUMBER (NEXT 2 DIGITS)
6	APUser.num3	67	67	APU SERIAL NUMBER (NEXT 2 DIGITS)
7	APUser.num4	67	67	APU SERIAL NUMBER (LAST 2 DIGITS)
8	APUser.suf			APU SERIAL NUMBER (SUFFIX 2 DIGITS)
9	APUhours	12286	12286	HOURS
10	APUminutes	22	22	MINUTES
11	APUcycles	14206	14206	CYCLES
12	ECS_OFFSET	-650	-6.500	ECS OFFSET DEGREES (SV)
13	FUELOFF100	1133	11.330	FUEL FLOW OFFSET AT 100 POUNDS PPH (SV)
14	FUELOFF200	518	5.180	FUEL FLOW OFFSET AT 200 PPH (SV)
15	ABSTARTS	1	1	NUMBER OF UNSUCCESSFUL STARTS (SV)
16	APU_OPTIONS	0	0	APU OPTION FLAGS
17	FLTSTRT	2	2	NUMBER OF INFLIGHT STARTS (SV)
18	ABFLTSTRT	0	0	NUMBER OF UNSUCCESSFUL INFLIGHT STARTS (SV)
19	TURB_CYCLES	433	433	CYCLES SINCE TURBINE REPAIR (TB)
20	LC_CYCLES	433	433	CYCLES SINCE LOAD COMP REPAIR (LC)
21	EC_CYCLES	433	433	CYCLES SINCE ENGINE COMP REPAIR (EC)
22	CLOG_FILTER	0	0	NUMBER OF CLOGGED OIL FILTER SHUTDOWNS (SV)
23		0	0	SPARE
24		0	0	SPARE
25	INSTALLHR	157	157	TIME SINCE AIRPLANE INSTALLATION HOURS (SV)
26	INSTALLMIN	340	34	TIME SINCE AIRPLANE INSTALLATION MINUTES (SV)
27	ECSHOURS	98	98	OPERATING TIME IN ECS HOURS (SV)
28	ECSMINUTES	429	42.900	OPERATING TIME IN ECS MINUTES (SV)
29	FLTHOURS	0	0	OPERATING TIME IN FLIGHT HOURS (SV)
30	FLTMINUTES	599	59.900	OPERATING TIME IN FLIGHT MINUTES (SV)

ANALYTICAL CHECK SHEET FORM

Honeywell

Repair Facility :Phoenix - Sky Harbor Honeywell International Inc 1944 E Sky Harbor Circle PHOENIX AZ 85034

Customer PO : 21486350
Notification No: 000321258714
Outline No : 3800702-1
Mod To Outline. :3800702-1

Customer : ENGRNTL01 MRO PHOENIX- ENGINES RENTAL BANK
Service Order No : 5008648986 **Sales Order No :** 6146286
Serial No: P-6767
Mod to S/N : P-6767 **Model No. :** 131-9B

	Material	Serial No.	Disp	Qty	Description	Service Order #
IN	3800702-1	P-6767	M	0	ENGINE OUTLINE, GAS TURBINE	5008648986
OUT	3800702-1	P-6767	M			

REWORK CODE : LFS
CONDITION CODE : **ACCT IND :**

ANALYST REMARKS :

	Material	Serial No.	Disp	Qty	Description	Service Order #
IN	..3291238-2	2955	U	1	VALVE, CONTROL, SURGE	
OUT	3291238-2	2955	U			

REWORK CODE :
CONDITION CODE : 6110 See comments **ACCT IND :**

ANALYST REMARKS :
See ZG notes
Visually accepted for continued use. Test on APU. Not removed from APU.LFS

	Material	Serial No.	Disp	Qty	Description	Service Order #
IN	..28B545-9	52-F0053	R	1	STARTER/GENERATOR, AC OUTLINE	5008651378
OUT	28B545-9	52-F0053	R			

REWORK CODE : 900
CONDITION CODE : 6110 See comments **ACCT IND :**

ANALYST REMARKS :
Missing terminal cover.
Missing terminal cover. Visually accepted for continued use. Test on APU. Rework tag for missing cover only.

	Material	Serial No.	Disp	Qty	Description	Service Order #
IN	..6430589-1		U	1	SEAL PLATE	
OUT	6430589-1		U			

REWORK CODE :
CONDITION CODE : **ACCT IND :**

ANALYST REMARKS :

	Material	Serial No.	Disp	Qty	Description	Service Order #
IN	..441921-5	CUC11798	O	1	CONTROL FUEL	
OUT	441921-5	CUC11798	O			

REWORK CODE :
CONDITION CODE : 6110 See comments **ACCT IND :**

ANALYST REMARKS :
See ZG notes
Visually accepted for continued use. Test on APU. Not removed (LFS)

ANALYTICAL CHECK SHEET FORM

Honeywell

Repair Facility :Phoenix - Sky Harbor Honeywell International Inc 1944 E Sky Harbor Circle PHOENIX AZ 85034

Customer PO : 21486350
Notification No: 000321258714
Outline No : 3800702-1
Mod To Outline. :3800702-1

Customer : ENGRNTL01 MRO PHOENIX- ENGINES RENTAL BANK
Service Order No : 5008648986 **Sales Order No :** 6146286
Serial No: P-6767
Mod to S/N : P-6767 **Model No. :** 131-9B

	Material	Serial No.	Disp	Qty	Description	Service Order #
IN	...2685336		N	1	FILTER, FUEL	
OUT	2685336		N			

REWORK CODE :
CONDITION CODE : **ACCT IND :**

ANALYST REMARKS :

	Material	Serial No.	Disp	Qty	Description	Service Order #
IN	..4131020-3	3912	R	1	LUBE MODULE	5008651379
OUT	4131020-3	3912	U			

REWORK CODE : 901
CONDITION CODE : 6110 See comments **ACCT IND :**

ANALYST REMARKS :
See ZG notes
Visually accepted for continued use. Test on APU. Not removed (LFS) Rework tag for filter replacement only.

	Material	Serial No.	Disp	Qty	Description	Service Order #
IN	..3876287-1	GE3040	U	1	DATA MEMORY MODULE	
OUT	3876287-1	GE3040	U			

REWORK CODE :
CONDITION CODE : 6110 See comments **ACCT IND :**

ANALYST REMARKS :
See ZG notes
Visually accepted for continued use. Test on APU.

	Material	Serial No.	Disp	Qty	Description	Service Order #
IN	..3291214-2	2509	U	1	VALVE OUTLINE, APU BLEED AIR, 3.50 INCH	
OUT	3291214-2	2509	U			

REWORK CODE :
CONDITION CODE : 6110 See comments **ACCT IND :**

ANALYST REMARKS :
See ZG notes
Visually accepted for continued use. Test on APU. Not removed (LFS)

	Material	Serial No.	Disp	Qty	Description	Service Order #
IN	..3876223-1	1450	U	1	TRANSDUCER, MOTIONAL PICKUP	
OUT	3876223-1	1450	U			

REWORK CODE :
CONDITION CODE : 6110 See comments **ACCT IND :**

ANALYST REMARKS :
See ZG notes
Visually accepted for continued use. Test on APU.

ANALYTICAL CHECK SHEET FORM

Honeywell

Repair Facility :Phoenix - Sky Harbor Honeywell International Inc 1944 E Sky Harbor Circle PHOENIX AZ 85034

Customer PO : 21486350
Notification No: 000321258714
Outline No : 3800702-1
Mod To Outline. :3800702-1

Customer : ENGRNTL01 MRO PHOENIX- ENGINES RENTAL BANK
Service Order No : 5008648986 **Sales Order No :** 6146286
Serial No: P-6767
Mod to S/N : P-6767 **Model No. :** 131-9B

	Material	Serial No.	Disp	Qty	Description	Service Order #
IN	..3888058-7	131018	U	1	EXCITER, IGNITION	
OUT	3888058-7	131018	U			

REWORK CODE :
CONDITION CODE : 6110 See comments **ACCT IND :**

ANALYST REMARKS :
See ZG notes
Visually accepted for continued use. Test on APU. Not removed (LFS)

	Material	Serial No.	Disp	Qty	Description	Service Order #
IN	..3886188-3	6021	U	1	ACTUATOR, INLET GUIDE VANE	
OUT	3886188-3	6021	U			

REWORK CODE :
CONDITION CODE : 6110 See comments **ACCT IND :**

ANALYST REMARKS :
See ZG notes
Visually accepted for continued use. Test on APU. Not removed (LFS)

	Material	Serial No.	Disp	Qty	Description	Service Order #
IN	..160564-2	5016	U	1	COOLER OIL	
OUT	160564-2	5016	U			

REWORK CODE :
CONDITION CODE : 6110 See comments **ACCT IND :**

ANALYST REMARKS :
See ZG notes
Visually accepted for continued use. Test on APU. Not removed (LFS)

	Material	Serial No.	Disp	Qty	Description	Service Order #
IN	..160550-1	2053	U	1	VALVE, TEMPERATURE CONTROL-OUTLINE	
OUT	160550-1	2053	U			

REWORK CODE :
CONDITION CODE : 6110 See comments **ACCT IND :**

ANALYST REMARKS :
See ZG notes
Visually accepted for continued use. Test on APU. Not removed (LFS)

	Material	Serial No.	Disp	Qty	Description	Service Order #
IN	..3830416-1		U	9	NOZZLE FUEL INJ	
OUT	3830416-1		U			

REWORK CODE :
CONDITION CODE : 6110 See comments **ACCT IND :**

ANALYST REMARKS :
Not removed from APU. LFS
Not removed from APU. LFS

ANALYTICAL CHECK SHEET FORM

Honeywell

Repair Facility :Phoenix - Sky Harbor Honeywell International Inc 1944 E Sky Harbor Circle PHOENIX AZ 85034

Customer PO : 21486350
Notification No: 000321258714
Outline No : 3800702-1
Mod To Outline. :3800702-1

Customer : ENGRNTL01 MRO PHOENIX- ENGINES RENTAL BANK
Service Order No : 5008648986 **Sales Order No :** 6146286
Serial No: P-6767
Mod to S/N : P-6767 **Model No. :** 131-9B

	Material	Serial No.	Disp	Qty	Description	Service Order #
IN	..3830416-1		U	1	NOZZLE FUEL INJ	
OUT	3830416-1		U			

REWORK CODE :
CONDITION CODE : **ACCT IND :**

ANALYST REMARKS :

	Material	Serial No.	Disp	Qty	Description	Service Order #
IN	..3830418-1		U	9	SHROUD, AIR/FUEL NOZZLE	
OUT	3830418-1		U			

REWORK CODE :
CONDITION CODE : 6110 See comments **ACCT IND :**

ANALYST REMARKS :
Not removed from APU. LFS
Not removed from APU. LFS

	Material	Serial No.	Disp	Qty	Description	Service Order #
IN	..3830418-1		U	1	SHROUD, AIR/FUEL NOZZLE	
OUT	3830418-1		U			

REWORK CODE :
CONDITION CODE : **ACCT IND :**

ANALYST REMARKS :

	Material	Serial No.	Disp	Qty	Description	Service Order #
IN	..3826994-2		U	1	COVER, IGV	
OUT	3826994-2		U			

REWORK CODE :
CONDITION CODE : 6110 See comments **ACCT IND :**

ANALYST REMARKS :
Not removed from APU. LFS
Not removed from APU. LFS

	Material	Serial No.	Disp	Qty	Description	Service Order #
IN	..3826994-2		U	1	COVER, IGV	
OUT	3826994-2		U			

REWORK CODE :
CONDITION CODE : **ACCT IND :**

ANALYST REMARKS :

The unit was disassembled and inspected to the appropriate manual and the items not listed in the Check Sheets have been visually inspected per the appropriate manual and meet all criteria for re-assembly.

AI
26

6/21/15

Honeywell

Inspection Rework Tag

Part Number: 4131020-3

Part Name: LUBE MODULE

Alternate S/N :

Serial Number: 3912

Superior Order Number: 005008648986

Qty: 1.000

Notification Number: 000321265359

TSN: (Time Since New)

CSN: (Cycles Since New)

TSO: (Time Since Overhaul)

CSO: (Cycles Since Overhaul)

Manual Reference#: 49-90-57 **Revision#:** 3 **Date:** 11/26/2007

Inspect	Stamp	Operation	Oper/Reqrd	Acc Stamp
OVERHAUL		Visual		AI 26
CZI		FPI		
MPI		MAG		
Fan Support		BAL		
Gearbox		DIM		
Plenum Inspect		Curvic		
.		X Power		
REPAIR		Hand Finish		
Prop Strike		F.T.		
Lightning Strike		E.C.		
HSI		.		
Continue Time		.		
General Check		.		
Inspected	AI 26			

REMARKS

Replaced filters only. AI 26 6/21/15	
Printed By: **M.Unruh**	Date Printed: **06/21/2015**

Honeywell

Inspection Rework Tag

Part Number: 28B545-9

Part Name: STARTER/GENERATOR, AC OUTLINE

Alternate S/N :

Serial Number: 52-F0053

Superior Order Number: 005008651378

Qty: 1.000

Notification Number: 000321265355

TSN: (Time Since New)

CSN: (Cycles Since New)

TSO: 0.00 (Time Since Overhaul)

CSO: 0.00 (Cycles Since Overhaul)

Manual Reference#: 24-21-14

Revision#: 5

Date: 10/30/2012

Inspect	Stamp	Operation	Oper/Reqrd	Acc Stamp
OVERHAUL		Visual		AI 26
CZI		FPI		
MPI		MAG		
Fan Support		BAL		
Gearbox		DIM		
Plenum Inspect		Curvic		
.		X Power		
REPAIR	AI 26	Hand Finish		
Prop Strike		F.T.		
Lightning Strike		E.C.		
HSI		.		
Continue Time		.		
General Check		.		

REMARKS

Replaced terminal cover only. AI 26 6/21/15	
Printed By: **M.Unruh**	Date Printed: **06/21/2015**

1. Approving National Aviation Authority/Country:	2.	3. Form Tracking Number:
FAA/United States	**AUTHORIZED RELEASE CERTIFICATE** **FAA Form 8130-3, AIRWORTHINESS APPROVAL TAG**	789229-001

4. Organization Name and Address:	5. Work Order/Contract/Invoice Number:
Honeywell International Inc. **1944 East Sky Harbor Circle** **Phoenix, AZ 85034** **FAA Repair Station #ZN3R030M**	RENTALRETURN

6. Item:	7. Description:	8. Part Number:	9. Eligibility: *	10. Quantity:	11. Serial/Batch Number:	12. Status/Work:
1	131-9B	3800702-1	N/A	1	P-6767	Repaired

13. Remarks: **TSN:** 3,144.41 **CSN:** 3,481.00

Return to service. Items provided by the customer have been serviced in accordance with:

EM #: 49-26-95 Rev: 3 Dated: 28/Feb/2006

IRM #: 49-26-85 Rev: 12 Dated: 12/May/2007

Certifies that the work specified in Block 12 and 13 was carried out in accordance with EASA Part 145 and with respect to that work the component is considered ready for release to service under EASA Part 145. Approval number145.4136

Service Bulletins/AD Accomplished: Sec Service Bulletin/AD List

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

- ☐ Approved design data and are in a condition for safe operation.
- ☐ Non-approved design data specified in Block 13.

19. ☒ **14 CFR 43.9 Return to Service** ☒ **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.:
		Leigh Dechaine	ZN3R030M
17. Name (Typed or Printed):	**18. Date (m/d/y):**	**22. Name (Typed or Printed):**	**23. Date (m/d/y):**
		Leigh Dechaine	Jun/29/2007

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 Block1.

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

C52320TR HONEYWELL INTERNATIONAL

RUN DATE: 06/25/07 TIME: 15 :37:47

RECEIVED DATE	RELEASE DATE	SCHEDULE DATE
06/22/07	06/22/07	07/22/07

CUST: ASD00
NAME: HONEYWELL AIRLINE
TYPE: AIRLINE
CONTRACT #: DPAS RATING:

PRIORITY	M/I	WTY	SPECIAL HANDLING
	Y		REPAIRED

QTY	PART RECEIVED / REQUIRED	SERIAL NUMBER
00001	3800702-1	P-6767
	3800702-1	P-6767

NSN: 3800702-1

MODEL RECEIVED	MODEL REQUIRED
131-9B	131-9B

BILL TYPE	NEW HOURS	NEW CYCLES	OVH HOURS	OVH CYCLES	ENG RPT	LOG BOOK
NC	3144.41	3481	0.00	0	A	Y

SCRAP DISPOSITION: SCRAP DISPOSE

REASON FOR RETURN: RENTAL APU RETURNED

ROUTINGS: _____
VENDOR CODE: _____ _____

REPAIR ORDER #: 789229
ITEM #: 001
INVOICE #:
PURCHASE ORDER #: RENTALRETURN
WARRANTY CLAIM #:
WARRANTY CODE: BEX
QUOTE PRICE: 0.00

PRELIMINARY INSTR: REPAIRED

RECEIVING: LOGBOOK RECEIVED 6/25 NEED DMM READING TO UPDATE APU TSN/CSN. JRH
ADMIN SPECIAL INSTR: REQUIRES TEST

INSTALLED DEC. 31, 2006 TSN 2210.19 CSN 2548.0

REMOVED MAY 28, 2007. DMM TSN/CSN USED.

TEARDOWN/ANALYTICAL: PROVIDE DMM READING TO R/A

TO ENABLE UPDATE OF TSN/CSN IN SYSTEM.

ADVISE R/A OF MISSING PARTS,CUSTOMER DAMAGE,

FOD.

PREV RO 657039 / 2006

R/O ENGINEERING: _____

PRICING SIGN-OFF: _____ DATE: _____
ADMINISTRATOR: JRH X4382 DATE: _____
INSPECTOR: Hugh Jechaun 132 DATE: JUN 2 8 2007

DATE	ACCUMU-LATED ENGINE HOURS	ACCUMU-LATED ENGINE HOURS	REMARKS, INSPECTIONS, REPAIRS, AND ADJUSTMENTS	SIGNATURE
	TSN	**CSN**	**APU P/N** 3800702-1 **S/N** P-6767	
6/28/07	3144.0	3481	**Model 131-9B**	
	TSO	**CSO**	**DESCRIPTION OF WORK PERFORMED:**	
	N/A	N/A	RENTAL RETURN. TESTED AT LAB. NO DEFECTS NOTED.	
			INSPECTED AND TESTED IAW MANUFACTURER'S	
			MANUAL 49-26-95 REV 03 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 **789229**	
			HONEYWELL AEROSPACE	
			CERTIFIED REPAIR STATION	
			ZN3R030M	
			INSPECTOR:	Leigh Dechaine 132
				LEIGH DECHAINE

Honeywell

NDC / Life Limited Parts

Date	**TSN**	**CSN**	**APU P/N** 3800702-1 **S/N** P-6767	**CUSTOMER**
6/28/07	3144.0	3481	**Model 131-9B**	**HONEYWELL AEROSPACE**

Noun	**P/N**	**S/N**	**Status**	**Noun**	**P/N**	**S/N**	**Status**
STARTER / GEN	28B545-7	94 B0008	4	SURGE VALVE	3291238-2	2955	4
LUBE MODULE	4131020-3	3912	4	FUEL CONTROL	441921-5	CUC12957	4
IGV ACTUATOR	3886188-2	3326	4	TEMP VALVE	160550-1	2053	4
OIL COOLER	160564-2	1770	4	DATA MODULE	3876287-1	GE3040	4
IGN UNIT	3888058-5	040218050856		LOAD VALVE	3291214-2	2034	4

REPAIR CODES 1-FT 2-REPAIR 3-OVERHAUL 4- INSP / USED 5-NEW E- EXCHANGED

Noun	**P/N**	**S/N**	**Time**	**Cycles**
TIE SHAFT	3822504-	NTD	N/A	N/A
L/C IMPELLER	3822400-	NTD	N/A	N/A
E/C IMPELLER	3822391-	NTD	N/A	N/A
1ST T-WHEEL	3840160-	NTD	N/A	N/A
2ND T-WHEEL	3840165-	NTD	N/A	N/A

REPAIR ORDER: **789229**
HONEYWELL AEROSPACE
CERTIFIED REPAIRED STATION
ZN3R030M

INSPECTOR: Leigh Dechaine 132
LEIGH DECHAINE

AVG13CC-2 (10/98)

RESALE	TAXABLE	ADM.	BY	
X	NO	JRH	36384	

SPECIAL INSTRUCTIONS	
	EQ=E,WTY=BEX,LOC=1,CUST=L,CAT=APU,MI=Y

SHIP DATE	CREDIT	DATE	
09/09/06	99999	08/30/06	

Honeywell

Honeywell International Inc.
1944 EAST SKY HARBOR CIRCLE
PHOENIX, AZ 85034-3440
PART SALES ORDER SHIPPER PHONE NUMBER (602 365-1000

INVOICE DATE	INVOICE NUMBER
09/09/06	

PAGE 1 END (SHIPPER NUMBER) HX7328-001
PLEASE SHOW THIS NUMBER ON YOUR CHECK

REMIT TO HONEYWELL - P.O. BOX 730541, DALLAS, TX 75373-0541 000

SOLD TO
HONEYWELL AIRLINE
1944 E. SKY HARBOR CIRCLE
PHOENIX, AZ.

SHIP TO
HONEYWELL AIRLINE
2815 W EL SEGUNDO BLVD
ATTN CHRIS AGUILAR
HONEYWELL RENTAL BANK
HAWTHORNE,CA,90250

TERMS NET 30 DAYS

CUSTOMER NO. ASDOO

F.O.B. (OUR PLANT)	SHIP VIA	BILL OF LADING NUMBER	CUSTOMER ORDER NUMBER	ORDER DATE	SHIPPING DATE
	EG1/SMP	54146782	CM-RENTAL.RETURN	08/30/06	09/09/06

ITEM	QUANTITY ORDERED	QUANTITY B/O	QUANTITY SHIPPED	PART NUMBER / DESCRIPTION	UNIT PRICE	TOTAL PRICE
001	1		1	3800702-1 131-9B RO #: 457039-001	54146782	
				REPAIR CUSTOMER-UNIT S/N P-6767		
					SUB-TOTAL	

Honeywell certifies that the product(s) described hereon conform to the applicable contractual requirements and were procured or manufactured in accordance with Honeywell Quality Assurance system approved by the United States Government where applicable.

By: RICHARD ROSS PETERSON III
Authorized Signature - Quality Assurance, Honeywell

CUSTOMER'S ORDER IS ACCEPTED IN ACCORDANCE WITH THE PROVISIONS SET FORTH HEREIN AND ON THE REVERSE SIDE

PRICES ARE SUBJECT TO CHANGE WITHOUT NOTICE

PAY THIS AMOUNT

Please pay from this notice. We do not send monthly statements.
Claims for loss or damage in transit must be made by you against the carrier.
All claims against us must be made within five days of receipt of merchandise. We cannot accept returned merchandise without our permission.
All engines, engine accessories and aircraft parts and accessories are guaranteed only to the extent of our vendor's warranty.
In no event shall Honeywell be responsible for collateral or consequential damages.
All prices are F.O.B. Honeywell facility, or other facility at the option of Honeywell and unless otherwise stated do not include cartage, insurance charges, taxes, imposts, or any similar charges.
We hereby certify that these goods were produced in compliance with all applicable requirements of Section 6, 7 and 12 of the Fair Labor Standards Act as amended, and of regulations and orders of the United States Department of Labor issued under Section 14 thereof. The amount of any present or future customs, duty, tax, or other levy applied by any federal, state or other governmental authority levied upon or by reason of the delivery, sale or transfer of the articles and/or supplies covered by this invoice which Honeywell now or hereafter shall be required to pay either on its own behalf of the customer, shall be paid by the customer in the same manner and with the same effect as if originally added thereto.

CM-RENTAL.RETURN 08/30/06 09/09/06 CM-RENTAL.RETURN 08/30/06 09/09/06

1. Approving National Aviation Authority/Country:	2.	3. Form Tracking Number:
FAA/United States	**AUTHORIZED RELEASE CERTIFICATE** **FAA Form 8130-3, AIRWORTHINESS APPROVAL TAG**	657039-001

4. Organization Name and Address:	5. Work Order/Contract/Invoice Number:
Honeywell International Inc. 1944 East Sky Harbor Circle Phoenix, AZ 85034	RENTALRETURN

6. Item:	7. Description:	8. Part Number:	9. Eligibility: *	10. Quantity:	11. Serial/Batch Number:	12. Status/Work:
1	131-9B	3800702-1	N/A	1	P-6767	Inspected

13. Remarks: **TSN:** 2,210.19 **CSN:** 2,548.00

Part has been worked and inspected in accordance with EM #: 49-26-95 Rev: 3 IRM #: 49-26-85 Rev: 10

INSPECTED & TESTED APU PER HONEYWELL RENTAL/LOANER APU CONDITION SHEET

Honeywell certifies that the work specified in block 12 and 13 was performed in accordance with EASA Implementation Rule part 145 approval, and with respect to that work, the aircraft component is considered ready for release to service under EASA approval number 145.4136

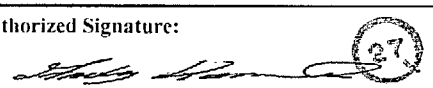
14. Certifies the items identified above were manufactured in conformity to:

- ☐ Approved design data and are in a condition for safe operation.
- ☐ Non-approved design data specified in Block 13.

15. Authorized Signature:	16. Approval/Authorization No.:
17. Name (Typed or Printed):	**18. Date (m/d/y):**

19. ☒ **14 CFR 43.9 Return to Service** ☒ **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.

20. Authorized Signature:	21. Approval/Certificate No.:
	ZN3R030M
22. Name (Typed or Printed):	**23. Date (m/d/y):**
Andy Kaminski	Sep/09/2006

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 Block1.

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

ACCEPTANCE TEST DATA SHEET
131-9[B]
LIGHT/MEDIUM REPAIR

USED WITH TI-3800702
REV. P

UNIT OUTLINE: 3800702-1 MODEL: 131-9[B] UNIT S/N P- 6767

TEST CELL NO.: D103 RUN NO.: ONE DATE 09/08/06

REPAIR ORDER NO.: 1199-657039

ECU P/N 2118966-222 S/N 117-B0090 SLAVE YES — NO ____

ECU OPERATIONAL SW P/N 491C-TUS-A02-00

SPU P/N 1151984-3 S/N 047-0125 SLAVE YES ✓ NO ____

SCU P/N 1152426-245 S/N 018C-0224 SLAVE YES ✓ NO ____

PERFORMANCE SUMMARY					
		2-PACK ECS - 700 HIGH +60KW		MES +65KW	
DESCRIPTION		REQUIRED	ACTUAL	REQUIRED	ACTUAL
PBCOR	BLEED PRESSURE, PSIA	51.2 (MIN)	51.83	53.7 (MIN)	55.21
WBCOR	BLEED AIRFLOW, LB/MIN	155.0 (MIN)	157.7	N/A	144.6
TBCOR	BLEED TEMPERATURE,F	445.0 (MAX)	418.	445.0 (MAX)	429.
EGTCOR	EXHAUST GAS TEMPERATURE,F	1115.0(MAX)	1021.	1105.0(MAX)	1023.
WFCOR	FUEL CONSUMPTION, LB/HR	N/A	267.1	287.0 (REF)	263.2

PERFORMANCE DATA ADJUSTED TO S.L., 100F, INSTALLED CONDITIONS. EGTCOR AND WFCOR ARE ALSO CORRECTED TO MINIMUM BLEED PRESSURE. WFCOR (REF) IS A REFERENCE ONLY VALUE AND NOT A REQUIREMENT.

INITIAL IGV POSITION 4.1.2(B) 73 DEGREES, INITIAL PBCOR 52.9 PSIA

FINAL IGV POSITION 4.1.2(C) 70 DEGREES, FINAL PBCOR 51.7 PSIA

ECS OFFSET=(FINAL IGV-INITIAL IGV)= -3 DEGREES

OTHER ACCEPTANCE DATA						
ITEM	PARAGRAPH	PARAMETER	UNITS	DATA POINT	VALUE	REQUIRED
FLOW SENSOR CHECK	4.1.4(G)	WBCDNA	LB/MIN	4.	49.1	FIGURE 7
FLOW SENSOR CHECK	4.1.4(J)	WBCDNA	LB/MIN	5.	50.0	FIGURE 7
FLOW SENSOR ACCURACY	4.1.4(K)	WC	- -	- -	.2%	+/-5

SCV STABILITY (4.1.5) SCV IS STABLE YES ✓ NO ____

MINIMUM SURGE MARGIN (4.1.6) UNIT PASS MINIMUM SURGE MARGIN (4.1.6) YES ✓ NO ____

AC POWER START TIME 41 SEC (4.1.7)

DC POWER START TIME 40 SEC (4.1.7)

LOAD CYCLE STABILITY 4.2(C) 96 KW (0007) STABLE YES ✓ NO ____

LOAD CYCLE STABILITY 4.2(E) MES (0008) STABLE YES ✓ NO ____

LOAD CYCLE STABILITY 4.2(G) MES +96KW (0009) STABLE YES ✓ NO ____

LOAD CYCLE STABILITY 4.2(H) RTL STABLE YES ✓ NO ____

APU FAULTS OBSERVED 5.1(B) NONE ✓ OTHER ____

APU DRY WEIGHT: ____ LB

TOTAL NUMBER OF STARTS(DURING ATP): 4

TOTAL OPERATING TIME(DURING ATP): 1:56 HR/MIN

UNIT STATUS: ACCEPT [X] REJECT [ ]

WE CERTIFY THE ABOVE DATA ARE TRUE AND CORRECT, AND IN ADDITION, THE UNIT HAS SUCCESSFULLY MET ALL OTHER TEST REQUIREMENTS SPECIFIED IN THE LATEST REVISION OF THE APPLICABLE TEST SPECIFICATION INDICATED ABOVE

	SIGNATURE	DATE
TECHNICIAN	RC FT 048	9-9-06
SUPERVISOR	S NICHOLLS FT 176	9-9-06
QUALITY ASSURANCE	QC 114	9-9-06

ACCEPTANCE TEST DATA SHEET
LIGHT/MEDIUM REPAIR 131-9[B]
TEST CELL D103

APU S/N P- 6767

PARAMETER DESCRIPTION			ATP PARAGRAPH-->	4.1.2E	4.1.3C	4.1.1E
				2PCK-700 ECS HIGH	MES	RTL
DIGITAL DATA SCAN			HR:MIN	06:46	06:57	06:35
DIGITAL DATA POINT NUMBER				2.	3.	1.
PBAR	BAROMETRIC PRESSURE		PSIA	14.10	14.10	14.10
PCELL	CELL PRESSURE		PSIA	14.09	14.09	14.10
T1	T1-APU INLET TEMPERATURE (AVG)		DEG F	76.3	76.9	74.6
TENIVA	UNIT INLET TEMPERATURE (T2)		DEG F	74.6	76.6	74.8
POIL	OIL PRESSURE -- LUBE PUMP DISCHARGE		PSIG	66.1	65.9	66.5
TOIL	OIL TEMPERATURE -- LUBE PUMP DISCHARGE		DEG F	175.5	175.5	172.7
PSGBX	GEARBOX PRESSURE -- SUMP		IN H2O	-3.15	-3.38	-2.62
TFUEL	FUEL INLET TEMPERATURE		DEG F	79.	79.	79.
PFUEL	FUEL INLET PRESSURE		PSIG	28.	28.	29.
VIBGBA	UNIT VIBRATION -- GEARBOX		IN/SEC	.17	.17	.22
VIBTHA	UNIT VIBRATION -- TURBINE		IN/SEC	.13	.11	.12
VIBP1E	ONE-PER-REV TURBINE POST		IN/SEC	.9	.9	.7
XNL	SHAFT SPEED		RPM	48801.	48792.	48801.
PIGV	INLET GUIDE VANE POSITION		DEGREE	70.2	89.8	22.3
PCDFD	COMPRESSOR DISCHARGE STATIC PRESSURE		PSIA	100.1	101.0	93.7
TCDFD	COMPRESSOR DISCHARGE TEMPERATURE		DEG F	598.	602.	577.3
TTDEA	TURBINE DISCHARGE TEMPERATURE	#1	DEG F	928.	977.	689.
TTDEB	(UNIT EGT)	#2	DEG F	906.	957.	655.
EGT	LAB EGT (AVG)		DEG F	909.	956.	669.
PS9	EXHAUST STATIC PRESSURE		PSIA	14.06	14.06	14.06
PBORFA	BLEED AIR ORIFICE PRESSURE		PSIA	45.7	55.3	
TBORFA	BLEED AIR ORIFICE TEMPERATURE (AVG)		DEG F	343.	383.	
PDBORA	BLEED AIR ORIFICE DELTA P		PSID	1.44	1.31	
WB	BLEED AIRFLOW		LB/MIN	147.3	150.8	
WBCDNA	CORRECTED DISCHARGE AIRFLOW		LB/MIN	57.8	50.4	
PB	BLEED PRESSURE (AVG)		PSIA	47.48	56.85	
TB	BLEED TEMPERATURE (AVG)		DEG F	375.	406.	
WF	FUEL FLOW (AVG)		LB/HR	246.9	263.4	164.5
PWGEN	GENERATOR LOAD - POWER FACTOR = 1.0		KW	58.2	63.2	.0

CALCULATIONS:

GENSL	GENERATOR LOAD AT SEA LEVEL -- PWGEN/(PCELL/14.696)	KW	60.7	65.9	
	APU DELTAP/DELTA -- (PCELL-PS9)/(PCELL/14.696)	PSID	.03	.03	
	BLEED PRESSURE AT SEA LEVEL -- PB/(PCELL/14.696)	PSIA	49.52	59.27	
DELPB	BLEED PRESSURE LAPSE RATE CORRECTION	PSIA	3.91	-2.46	
	INSTALLATION EFFECT ON BLEED PRESSURE	PSIA	-1.60	-1.60	
PBCOR	BLEED PRESSURE CORRECTED TO SEA LEVEL, 100F, INSTALLED	PSIA	51.83	55.21	
	BLEED AIRFLOW AT SEA LEVEL -- WB/(PCELL/14.696)	LB/MIN	153.6	157.2	
DELWB	BLEED FLOW LAPSE RATE CORRECTION	LB/MIN	8.1	-8.6	
	INSTALLATION EFFECT ON WB	LB/MIN	-4.0	-4.0	
WBCOR	BLEED AIRFLOW CORRECTED TO SEA LEVEL, 100F, INSTALLED	LB/MIN	157.7	144.6	
DELTB	BLEED TEMPERATURE LAPSE RATE CORRECTION	DEG F	43.	23.	
TBCOR	BLEED TEMPERATURE CORRECTED TO SEA LEVEL, 100F, INSTALLED	DEG F	418.	429.	
DELEGT	EGT LAPSE RATE CORRECTION	DEG F	87.	51.	
	APU DELTA P CORRECTION ON EGT-(33*(PCELL-PS9)/(PCELL/14.696))	DEG F	1.	1.	
	INSTALLATION EFFECT ON EGT	DEG F	30.	30.	
	EXCESS BLEED PRESSURE CORRECTION ON EGT-- (-10*(PBCOR-PBREQ))	DEG F	6.	15.	
EGTCOR	EGT CORRECTED TO SEA LEVEL, 100F, INSTALLED, AT PBREQ	DEG F	1021.	1023.	
	SEA LEVEL FUEL FLOW -- WF/(PCELL/14.696)*(FLHV/18550)	LB/HR	257.1	274.3	
DELWF	FUEL FLOW LAPSE RATE CORRECTION	LB/HR	11.7	-5.8	
	APU DELTA P CORRECTION ON WF --(8*(PCELL-PS9)/(PCELL/14.696))	LB/HR	.2	.3	
	INSTALLATION EFFECT ON WF	LB/HR	.6	.6	
	EXCESS BLEED PRESSURE CORRECTION ON WF -- (-4*(PBCOR-PBREQ))	LB/HR	2.5	6.1	
WFCOR	FUEL FLOW CORRECTED TO SEA LEVEL, 100F, INSTALLED, AT PBREQ	LB/HR	267.1	263.2	

▒▒▒ - DATA NOT NEEDED OR APPLICABLE QA APPROVAL

C52320TR HONEYWELL INTERNATIONAL

RUN DATE: 09/09/06 TIME: 11 :30:00

RECEIVED DATE	RELEASE DATE	SCHEDULE DATE
08/30/06	08/30/06	09/29/06

REPAIR ORDER #: 657039
ITEM #: 001
INVOICE #:
PURCHASE ORDER #: RENTALRETURN
WARRANTY CLAIM #:
WARRANTY CODE: BEX
QUOTE PRICE: 0.00

CUST: ASD00
NAME: HONEYWELL AIRLINE
TYPE: AIRLINE
CONTRACT #: DPAS RATING:

PRIORITY	M/I	WTY	SPECIAL HANDLING
_____	Y		REPAIRED

PRELIMINARY INSTR: REPAIRED

RECEIVING: LOGBOOK RECEIVED 9/5 JRH

QTY	PART RECEIVED / REQUIRED	SERIAL NUMBER
00001	3800702-1	P-6767
	3800702-1	P-6767

ADMIN SPECIAL INSTR: INSPECT THOROUGHLY.

NSN: 3800702-1

MODEL RECEIVED	MODEL REQUIRED
131-9B	131-9B

TEARDOWN/ANALYTICAL: ADVISE R/A OF MISSING PARTS /

CUSTOMER DAMAGE / F.O.D.C

BILL TYPE	NEW HOURS	NEW CYCLES	OVH HOURS	OVH CYCLES	ENG RPT	LOG BOOK
NC	2210.19	2548	0.00	0	A	Y

SCRAP DISPOSITION: SCRAP DISPOSE

PREV RO 651354 JULY 2006

R/O ENGINEERING: _____

REASON FOR RETURN: RETURN OF RENTAL APU

THAT WAS NOT INSTALLED BY CUSTOMER

ROUTINGS: 402 404
VENDOR CODE: _____

PRICING SIGN OFF: _____ DATE: _____
ADMINISTRATOR: JRH #4382 DATE: _____
INSPECTOR: [signature] DATE: 9-9-06

Michele Christopher
Rental Bank Administrator
1944 E. Sky Harbor Circle
Phoenix, AZ 85034

602-365-4849 Office
602-365-3343 Fax

Honeywell

ORDER BY FAX FROM ***MICHELE CHRISTOPHER**** DATE: DECEMBER 22, 2006

TO: BAX Global Logistics LAX 2815 W. El Segundo Blvd, Hawthorne, CA 90250
ATTN: Shipping PHONE 323-908-4800 FAX 323-908-4874

1. PULL AND SHIP THE FOLLOWING UNITS: MODEL	*S/N*
GTCP131-9B APU	**P-6767**

2. SHIP FROM:

BAX LAX
Honeywell Rental Bank

3. BILLING DETAILS

BAX GLOBAL
HONEYWELL ACCT# 013 500 992

4. COST OF SHIPMENT

$_____

AWB NO/TRACKING NO_____

5. SHIP TO:

Company Name	Customers PO #
ALASKA AIRLINES	**7249**

Attn:
CATHY BENOIT

Delivery Address
ATTN: HANGAR BUILDING STORES
SEATTLE-TACOMA INTERNATIONAL AIRPORT

City	State	Country	Zip/Postal Code
SEATTLE	**WA**	**USA**	**98158**

Phone	Fax
206-392-9756	

6. SHIPMENT DETAILS

United States/Canada
__ Same Day/NFO
_X_ BAX EMR1-GTD First Arrival
__ BAX EMR2-GTD Overnight by 5pm
__ BAX Standard Next Day Service
__ BAX ER2D-GTD Two Day Delivery
__ BAX Standard Two Day Service
__ BAXSAVER-GTD Three Day Delivery
__ BAX Economy Service

International

____ Express ____ Standard

Declared Customs Value USDollar $_____
__X__ Repaired unit Schedule B: 9801.10.0000 0
___ New Unit Schedule B 8411.91.7010 9
EIN # 22-2640650 MS

Special Instructions
E-MAIL AWB# TO michele.k.christopher@honeywell.com ....THANK YOU!

(form MEPL)

Alaska Airlines

PRINTED ON 07/06/19 08:11

PL #: 303[redacted]

Packing List

SHIPPER ADDRESS

Short Name SEAJJ Name ALASKA AIRLINES - SEA STORES
Address ALASKA SERVICE ROAD
SEA-TAC INTERNATIONAL AIRPORT
City/State SEATTLE WA
Zip/Country 98158 USA
PH (206) 392-9663 FAX (206) 392-9668

CONSIGNEE ADDRESS

Short Name HONE1 Name HONEYWELL INTERNATIONAL, INC
Address 1944 EAST SKY HARBOR CIRCLE
City/State PHEONIX AZ
Zip/Country 85034 USA
PH FAX
Contact Name

Priority ROUTINE
Carrier CONWAY
Account#
OFFLINE AWB/BOL# 508567920
Pieces 0001
Weight 000500

Shipment Reason OTHER
for ASA A/C#
Shipped By 67894 RONALD MANZANO
Authorized By LORI LUNDBERG

Handling Instructions

CONSIGNMENT UNIT FROM HONEYWELL
ATTN: R & O

LINE ITEMS Nbr Type Xref	QTY	UOM	ASA P/N	ASA S/N	MFG P/N	MFG S/N	Description
01 TT 21007	00001	EA	7-4920-9-7000	6767	3800702-1	P-6767 CONSIN	APU, 737NG, GTCP131-9 B UN3166

Repair Order Listing For :			
Model No.		Part No.	**3800702-1**
Serial No.	***6767**	Customer Code	
Customer Name			

Click on the Repair Order Id to get the details.

Repair Order ID	Outline No.	Model No.	Serial No.	Customer Name	Receive Date
2007-789229-001	3800702-1	131-9B	P-6767	HONEYWELL AIRLINE	22/JUN/2007
2006-657039-001	3800702-1	131-9B	P-6767	HONEYWELL AIRLINE	30/AUG/2006
2006-641354-001	3800702-1	131-9B	P-6767	HONEYWELL AIRLINE	31/JUL/2006

Close

Ala[redacted] Airlines

ASA P-45

SHIPPING INSTRUCTIONS / AUTHORIZATION

SHIP TO	ATTN: R & O	PRIORITY	DATE 6/18/2007
	SHIPPING INSTRUCTIONS **Honeywell Aerospace** **1944 E Sky Harbor Blvd** **Phoenix, AZ 85034**		

TEM NO	QTY	ASA P/N OR O/N	NOMENCLATURE
1	1	7-4920-9-7000	APU - GTCP131-09 - Consignment Unit from Honeywell
2			S/N 6767
3			
4			
5			
			Attn Stores: Please make ISC Transaction
			& advise Liz Sanderson of Waybill#

	Liz Sanderson (206)392-9649	SHIPPED BY
AUTHORIZED BY	Liz Sanderson (206)392-9649	SHIPPING DOCUMENT NO.

DRIVER SIGNATURE

HONEYWELL AEROSPACE SERVICES REPAIR AND OVERHAUL
REPAIR STATION #ZN3R030M

REF W.I. 21.200
FORM APU A9B
REV 6 DATED 100703

PASSDOWN LOG SHEET

REPAIR ORDER:789229 ENGINE MODEL: 131-9B SN: P-6767 CUSTOMER: ASD00
DATE: 6/22/2007

DATE	SHIFT	EMPLOYEE	REMARKS
6.25.07	DAYS	15024	Induction C/W, waiting Engr dispo,
〃	〃	〃	possible LFS.
6.25.07	(D)	04433	Disposition Done LFS

HONEYWELL AEROSPACE SERVICES REPAIR AND OVERHAUL
REPAIR STATION #ZN3R030M

REF W.I. 21.200
FORM APU A9B
REV 6 DATED 100703

LABORATORY TRAVELER

REPAIR ORDER: 789229 ENGINE MODEL: 131-9B SN: P-6767 CUSTOMER: ASD00
DATE: 6/22/2007 PRE-MAINTENANCE LAB RUN: one

CUSTOMER REASON FOR RETURN: — LOANER NO C/C.

ENGINEERING LAB INSTRUCTIONS: COMPLETE LAB FININGS RUN. TEST AS LIGHT ECS Reset DMM

OH ENGINEER/TS BCol DATE: 6/25/07

MANUAL NO. USED 49-26-95 REV _____ T.I. NO. AND REV 3805702R ACC ✓ REJ _____

DISCREPANCY REPORT ✓ NO _____ YES TDR/IDR# _____ HOURS THIS RUN 1.54 TOTAL HOURS 1.54 TOTAL STARTS 4

UNIT PRESERVED ✓ YES _____ NO TEMP COMP N/A

CUSTOMER COMPLAINT VERIFIED _____ YES _____ NO

LAB RUN COMMENTS: (REF DATA SHEET FOR DETAILS) Mag Plug = Clean, Accepted Per T.I.

LAB TECH SIGN. Mike Costa FT 77 DATE: 6/27/07 LAB ACCEPT. SIGN QC 52 DATE: 6/27/07

AE #1 _____ AE #2 _____ AE #3 _____

LOOSE ITEMS SENT WITH ENGINE:

PN:	SN:	PN:	SN:	PN:	SN:

PARTS REMOVED IN LAB			PARTS INSTALLED IN LAB		
PN	SN	REASON	PN	SN	MECHANIC

ACCEPTANCE TEST DATA SHEET
LIGHT/MEDIUM REPAIR 131-9[B]
TEST CELL D115

FT 77

APU S/N P- 6767

PARAMETER DESCRIPTION			ATP PARAGRAPH-->	4.1.2E 2PCK-700 ECS HIGH	4.1.3C MES	4.1.1E RTL
DIGITAL DATA SCAN			HR:MIN	20:22	20:35	20:10
DIGITAL DATA POINT NUMBER				2.	3.	1.
PBAR	BAROMETRIC PRESSURE		PSIA	14.05	14.05	14.05
PCELL	CELL PRESSURE		PSIA	14.07	14.07	14.07
T1	T1-APU INLET TEMPERATURE (AVG)		DEG F	77.5	77.1	76.2
TENIVA	UNIT INLET TEMPERATURE (T2)		DEG F	77.2	77.2	77.2
POIL	OIL PRESSURE -- LUBE PUMP DISCHARGE		PSIG	66.2	66.1	66.6
TOIL	OIL TEMPERATURE -- LUBE PUMP DISCHARGE		DEG F	177.4	177.9	173.9
PSGBX	GEARBOX PRESSURE -- SUMP		IN H2O	-3.61	-4.31	-2.17
TFUEL	FUEL INLET TEMPERATURE		DEG F	97.	96.	97.
PFUEL	FUEL INLET PRESSURE		PSIG	28.	28.	29.
VIBGBA	UNIT VIBRATION -- GEARBOX		IN/SEC	.17	.17	.24
VIBTHA	UNIT VIBRATION -- TURBINE		IN/SEC	.13	.12	.14
VIBP1E	ONE-PER-REV TURBINE POST		IN/SEC	1.4	1.3	1.4
XNL	SHAFT SPEED		RPM	48803.	48796.	48800.
PIGV	INLET GUIDE VANE POSITION		DEGREE	70.8	90.0	22.2
PCDFD	COMPRESSOR DISCHARGE STATIC PRESSURE		PSIA	100.8	102.0	94.6
TCDFD	COMPRESSOR DISCHARGE TEMPERATURE		DEG F	606.	610.	584.3
TTDEA	TURBINE DISCHARGE TEMPERATURE	#1	DEG F	898.	950.	658.
TTDEB	(UNIT EGT)	#2	DEG F	946.	989.	689.
EGT	LAB EGT (AVG)		DEG F	917.	960.	670.
PS9	EXHAUST STATIC PRESSURE		PSIA	14.01	14.01	14.01
PBORFA	BLEED AIR ORIFICE PRESSURE		PSIA	45.5	54.8	
TBORFA	BLEED AIR ORIFICE TEMPERATURE (AVG)		DEG F	356.	385.	
PDBORA	BLEED AIR ORIFICE DELTA P		PSID	1.30	1.12	
WB	BLEED AIRFLOW		LB/MIN	149.5	150.2	
WBCDNA	CORRECTED DISCHARGE AIRFLOW		LB/MIN	58.3	50.1	
PB	BLEED PRESSURE (AVG)		PSIA	47.89	56.91	
TB	BLEED TEMPERATURE (AVG)		DEG F	377.	407.	
WF	FUEL FLOW (AVG)		LB/HR	248.4	264.0	166.9
PWGEN	GENERATOR LOAD - POWER FACTOR = 1.0		KW	57.8	62.6	.2
CALCULATIONS:						
GENSL	GENERATOR LOAD AT SEA LEVEL -- PWGEN/(PCELL/14.696)		KW	60.3	65.4	
	APU DELTAP/DELTA -- (PCELL-PS9)/(PCELL/14.696)		PSID	.06	.06	
	BLEED PRESSURE AT SEA LEVEL -- PB/(PCELL/14.696)		PSIA	50.03	59.45	
DELPB	BLEED PRESSURE LAPSE RATE CORRECTION		PSIA	3.30	-2.44	
	INSTALLATION EFFECT ON BLEED PRESSURE		PSIA	-1.60	-1.60	
PBCOR	BLEED PRESSURE CORRECTED TO SEA LEVEL, 100F, INSTALLED		PSIA	51.73	55.41	
	BLEED AIRFLOW AT SEA LEVEL -- WB/(PCELL/14.696)		LB/MIN	156.2	156.9	
DELWB	BLEED FLOW LAPSE RATE CORRECTION		LB/MIN	6.5	-8.5	
	INSTALLATION EFFECT ON WB		LB/MIN	-4.0	-4.0	
WBCOR	BLEED AIRFLOW CORRECTED TO SEA LEVEL, 100F, INSTALLED		LB/MIN	158.7	144.4	
DELTB	BLEED TEMPERATURE LAPSE RATE CORRECTION		DEG F	40.	23.	
TBCOR	BLEED TEMPERATURE CORRECTED TO SEA LEVEL, 100F, INSTALLED		DEG F	417.	429.	
DELEGT	EGT LAPSE RATE CORRECTION		DEG F	80.	51.	
	APU DELTA P CORRECTION ON EGT-(33*(PCELL-PS9)/(PCELL/14.696))		DEG F	2.	2.	
	INSTALLATION EFFECT ON EGT		DEG F	30.	30.	
	EXCESS BLEED PRESSURE CORRECTION ON EGT-- (-10*(PBCOR-PBREQ))		DEG F	5.	17.	
EGTCOR	EGT CORRECTED TO SEA LEVEL, 100F, INSTALLED, AT PBREQ		DEG F	1023.	1025.	
	SEA LEVEL FUEL FLOW -- WF/(PCELL/14.696)*(FLHV/18550)		LB/HR	259.3	275.6	
DELWF	FUEL FLOW LAPSE RATE CORRECTION		LB/HR	10.1	-5.8	
	APU DELTA P CORRECTION ON WF --(8*(PCELL-PS9)/(PCELL/14.696))		LB/HR	.5	.5	
	INSTALLATION EFFECT ON WF		LB/HR	.6	.6	
	EXCESS BLEED PRESSURE CORRECTION ON WF -- (-4*(PBCOR-PBREQ))		LB/HR	2.1	6.8	
WFCOR	FUEL FLOW CORRECTED TO SEA LEVEL, 100F, INSTALLED, AT PBREQ		LB/HR	268.4	264.1	

▒▒ - DATA NOT NEEDED OR APPLICABLE QA APPROVAL QC-52

ACCEPTANCE TEST DATA SHEET
131-9[B]
LIGHT/MEDIUM REPAIR

USED WITH
TI-3800702
REV. R

UNIT OUTLINE: 3800702-1 MODEL: 131-9[B] UNIT S/N P- 6767

TEST CELL NO.: D115 RUN NO.: ONE DATE 06/27/07

REPAIR ORDER NO.: 789229

ECU P/N 2118966-221 S/N 117-B0098 SLAVE YES ✓ NO

ECU OPERATIONAL SW P/N 49/C-TUS-A02-00

SPU P/N 1151984-26IM1 S/N 127C-0205 SLAVE YES ✓ NO

SCU P/N 1152426-245 S/N 047C-0125 SLAVE YES ✓ NO

PERFORMANCE SUMMARY					
		2-PACK ECS - 700 HIGH +60KW		MES +65KW	
DESCRIPTION		REQUIRED	ACTUAL	REQUIRED	ACTUAL
PBCOR	BLEED PRESSURE, PSIA	51.2 (MIN)	51.73	53.7 (MIN)	55.41
WBCOR	BLEED AIRFLOW, LB/MIN	155.0 (MIN)	158.7	N/A	144.4
TBCOR	BLEED TEMPERATURE,F	445.0 (MAX)	417.	445.0 (MAX)	429.
EGTCOR	EXHAUST GAS TEMPERATURE,F	1115.0(MAX)	1023.	1105.0(MAX)	1025.
WFCOR	FUEL CONSUMPTION, LB/HR	N/A	268.4	287.0 (REF)	264.1

PERFORMANCE DATA ADJUSTED TO S.L. 100F, INSTALLED CONDITIONS. EGTCOR AND WFCOR ARE ALSO CORRECTED TO MINIMUM BLEED PRESSURE. WFCOR (REF) IS A REFERENCE ONLY VALUE AND NOT A REQUIREMENT.

INITIAL IGV POSITION 4.1.2(B) 77 DEGREES, INITIAL PBCOR 53.8 PSIA

FINAL IGV POSITION 4.1.2(C) 71 DEGREES, FINAL PBCOR 51.7 PSIA

ECS OFFSET=(FINAL IGV-INITIAL IGV)= -6 DEGREES

OTHER ACCEPTANCE DATA						
ITEM	PARAGRAPH	PARAMETER	UNITS	DATA POINT	VALUE	REQUIRED
FLOW SENSOR CHECK	4.1.4(G)	WBCDNA	LB/MIN	4.	49.4	FIGURE 7
FLOW SENSOR CHECK	4.1.4(J)	WBCDNA	LB/MIN	5.	50.5	FIGURE 7
FLOW SENSOR ACCURACY	4.1.4(K)	WC .83	- -	- -	-.8%	+/-5

SCV STABILITY (4.1.5) SCV IS STABLE YES ✓ NO

MINIMUM SURGE MARGIN (4.1.6) UNIT PASS MINIMUM SURGE MARGIN (4.1.6) YES ✓ NO

AC POWER START TIME 37 SEC (4.1.7)

DC POWER START TIME 40 SEC (4.1.7)

LOAD CYCLE STABILITY 4.2(C) 96 KW (0007) STABLE YES ✓ NO

LOAD CYCLE STABILITY 4.2(E) MES (0008) STABLE YES ✓ NO

LOAD CYCLE STABILITY 4.2(G) MES +96KW (0009) STABLE YES ✓ NO

LOAD CYCLE STABILITY 4.2(H) RTL STABLE YES ✓ NO

APU FAULTS OBSERVED 5.1(B) NONE ✓ OTHER

APU DRY WEIGHT: N/R LB

TOTAL NUMBER OF STARTS(DURING ATP): 4

TOTAL OPERATING TIME(DURING ATP): 1:54 HR/MIN

UNIT STATUS: ACCEPT ✓ REJECT

WE CERTIFY THE ABOVE DATA ARE TRUE AND CORRECT, AND IN ADDITION, THE UNIT HAS SUCCESSFULLY MET ALL OTHER TEST REQUIREMENTS SPECIFIED IN THE LATEST REVISION OF THE APPLICABLE TEST SPECIFICATION INDICATED ABOVE

	SIGNATURE	DATE
TECHNICIAN	M. Costa FT 77	6/27/07
SUPERVISOR	FT 52	6-27-7
QUALITY ASSURANCE	QC-52	6/27/07

DATE 06/27/07
TEST CREW M.Costa
CELL 815
PROD. RELEASE
OR R/O # 789229

GAS TURBINE TEST LOG

PAGE NO 1
ASSY. NO. 3800702-1
S/N P-6767
Build # ONE

START TIME	STOP TIME	RUN MIN.	STARTS	TIME	REMARKS
				P/T	Installation & Setup Per T.I. DMM Reset = C/W, LOQ Check = C/W Serviced
					Unit w/ Oil to Full. LOQ Fault Cleared. R/O = 10,640 rpm & 22 psig Poil.
					Re-serviced to Full.
1847			1		A/C L/O to A/S= 40 sec. Leak Check = C/W No Leaks Noted, Run-in = C/W
	1903	:16			Toil = 178.2 deg. F., Generator Fequency = 398.2 Hz, S/D
					Mag Plug = Clean, Re-serviced oil to Full. Leak Check = C/W No Leaks Noted.
2000			2		A/C L/O to A/S = 37sec. DP#1 @ 20:11. DP#2 @ 20:23 Initial IGV = 77 deg.
					PBcorr = 53.8 psia. Final IGV = 71 deg. PBcorr = 51.7 psia. ECS Offset = -6 deg.
					DP#3 @ 20:35. DP#4 @ 20:37. DP#5 @ 20:39. WC =.83lb/sec
					WBCDNA = 50.5 ppm Flow Sensor Accuracy = -0.8 % Stability
					Check = C/W No Cycling. DP#6 @ 20:43. Data = Good, DP#7 @ 20:55, DP#8
					@ 21:07, DP#9 @ 21:22, S/D, Unit Stripped For Leak Check,
	2127	1:27 1:43			Filters R&R, Unit Washed Down.
2151	2153	:02 1:45	3		D/C L/O to A/S = 45sec, S/D
2156			4		D/C L/O to A/S = 40sec. Leak Check = C/W No Leaks Noted, Unit Preserved w/
	2205	:09 1:54			1010 oil. S/D, Removed Tailpipe, Leak Check = C/W No Leaks Noted.
					Final DMM Set = C/W, Final BITE Check = C/W No Faults
					Final Mag Plug = Clean, Unit Accepted Per T.I. Mike Costa FT 77 6/27/07
		TOTAL			

6/27/2007 Overhaul ATP for ENGINE S/N P6767
WINDMM.EXE Version 2.07.01 131-9B Production Version 02.10

FT
77

1	Item Count	123	123	NUMBER ENTRIES IN DMM
2	SW Version	0	0	ECU / DMM COMPATIBILITY SOFTWARE VERSION
3	APUser.pre	P	P	APU SERIAL NUMBER PREFIX
4	APUser.num1	00	00	APU SERIAL NUMBER (FIRST 2 DIGITS)
5	APUser.num2	00	00	APU SERIAL NUMBER (NEXT 2 DIGITS)
6	APUser.num3	67	67	APU SERIAL NUMBER (NEXT 2 DIGITS)
7	APUser.num4	67	67	APU SERIAL NUMBER (LAST 2 DIGITS)
8	APUser.suf			APU SERIAL NUMBER (SUFFIX 2 DIGITS)
9	APUhours	3146	3146	HOURS
10	APUminutes	39	39	MINUTES
11	APUcycles	3485	3485	CYCLES
12	ECS_OFFSET	-600	-6	ECS OFFSET DEGREES
13	FUELOFF100	947	9.470	FUEL FLOW OFFSET AT 100 POUNDS PPH
14	FUELOFF200	999	9.990	FUEL FLOW OFFSET AT 200 PPH
15	ABSTARTS	11	11	NUMBER OF UNSUCCESSFUL STARTS
16	APU_OPTIONS	0	0	APU OPTION FLAGS
17	FLTSTRT	44	44	NUMBER OF INFLIGHT STARTS
18	ABFLTSTRT	0	0	NUMBER OF UNSUCCESSFUL INFLIGHT STARTS
19	TURB_CYCLES	3485	3485	CYCLES SINCE TURBINE REPAIR
20	LC_CYCLES	3485	3485	CYCLES SINCE LOAD COMP REPAIR
21	EC_CYCLES	3485	3485	CYCLES SINCE ENGINE COMP REPAIR
22	CLOG_FILTER	0	0	NUMBER OF CLOGGED OIL FILTER SHUTDOWNS
23		0	0	SPARE
24		0	0	SPARE
25	INSTALLHR	1	1	TIME SINCE AIRPLANE INSTALLATION HOURS
26	INSTALLMIN	575	57.500	TIME SINCE AIRPLANE INSTALLATION MINUTES
27	ECSHOURS	2029	2029	OPERATING TIME IN ECS HOURS
28	ECSMINUTES	85	8.500	OPERATING TIME IN ECS MINUTES
29	FLTHOURS	33	33	OPERATING TIME IN FLIGHT HOURS
30	FLTMINUTES	239	23.900	OPERATING TIME IN FLIGHT MINUTES
31	HOTTIME	623	62.300	OPERATING HOURS T2 GREATER 100 DEGF
32	COLDTIME	108	10.800	OPERATING HOURS T2 LESS 0 DEGF
33	NMES	5017	5017	NUMBER OF MAIN ENGINE STARTS
34	HIGHSTRT	2	2	NUMBER OF START ATTEMPTS ABOVE 25000 FT
35	BRRSTRT	2	2	NUMBER OF STARTS OILTEMP LESS 0 DEGF
36	BRRRRSTRT	0	0	NUMBER OF STARTS OILTEMP LESS -40 DEGF
37	LOWOILPR	0	0	NUMBER OF LOW OIL PRESSURE SHUTDOWNS
38	NUM3LOP	0	0	NUMBER OF 3 CONSECUTIVE LOP SHUTDOWNS
39	CONSECLOP	0	0	NUMBER OF CONSECUTIVE LOP SHUTDOWNS
40	HOT	0	0	NUMBER OF HIGH OIL TEMPERATURE SHUTDOWNS
41	OVRTMPGOV	0	0	NUMBER OF ONSPEED OVERTEMP SHUTDOWNS
42	OVRTMPSTRT	0	0	NUMBER OF STARTING OVERTEMP SHUTDOWNS
43	REVFLOW	0	0	NUMBER OF REVERSE FLOW SHUTDOWNS
44	NOACCEL	0	0	NUMBER OF NO ACCELERATION SHUTDOWNS
45	OVERSPEED	0	0	NUMBER OF OVERSPEED SHUTDOWNS
46	UNDERSPEED	1	1	NUMBER OF UNDERSPEED SHUTDOWNS
47	INFLTSD	0	0	NUMBER OF INFLIGHT SHUTDOWNS
48	AKWECS(1)	2	13.107	AVERAGE GEN LOAD ECS KW *
49	AKWECS(2)	20807	2.081	AVERAGE GEN LOAD ECS KW
50	AKWMES(1)	2	13.107	AVERAGE GEN LOAD MES KW *
51	AKWMES(2)	62616	6.262	AVERAGE GEN LOAD MES KW
52	AKWFLT(1)	0	0	AVERAGE GEN LOAD INFLIGHT KW *
53	AKWFLT(2)	52236	5.224	AVERAGE GEN LOAD INFLIGHT KW
54	AT4ECS(1)	230	1507.328	AVERAGE T4 ECS DEG F*
55	AT4ECS(2)	59199	5.920	AVERAGE T4 ECS DEG F
56	AT4MES(1)	233	1526.989	AVERAGE T4 MES DEG F*
57	AT4MES(2)	43982	4.398	AVERAGE T4 MES DEG F
58	AT4FLT(1)	231	1513.882	AVERAGE T4 INFLIGHT DEG F*
59	AT4FLT(2)	49904	4.990	AVERAGE T4 INFLIGHT DEG F
60	T1800	0	0	HOURS T4 > 1800 DEG F
61	T1850	0	0	HOURS T4 > 1850 DEG F
62	T1900	0	0	HOURS T4 > 1900 DEG F
63	T1950	0	0	HOURS T4 > 1950 DEG F
64	T2000	0	0	HOURS T4 > 2000 DEG F
65	RECT4R	17307	1730.700	HIGHEST T4 ONSPEED DEGF
66	RECT5S	15021	1502.100	HIGHEST T5 DURING START DEGF
67	ABRTCLDN	70	70	NUMBER OF ABORTED COOLDOWNS
68	CT5ATP	14313	1043.130	AVERAGE CORR T5 DURING MES DEGF
69	MDNCT5ATP	7862	978.620	MAIDEN CORR T5 DURING MES DEGF
70	CT5ATP500	9618	996.180	CORR T5 MES AT 500 HOURS DEGF
71	CT5ATP1000	15273	1052.730	CORR T5 MES AT 1000 HOURS DEGF
72	CT5ATP1500	16461	1064.610	CORR T5 MES AT 1500 HOURS DEGF
73	CT5ATP2000	9746	997.460	CORR T5 MES AT 2000 HOURS DEGF
74	CT5ATP2500	11362	1013.620	CORR T5 MES AT 2500 HOURS DEGF
75	CT5ATP3000	11306	1013.060	CORR T5 MES AT 3000 HOURS DEGF
76	CT5ATP3500	0	900	CORR T5 MES AT 3500 HOURS DEGF
77	CT5ATP4000	0	900	CORR T5 MES AT 4000 HOURS DEGF
78	CT5ATP4500	0	900	CORR T5 MES AT 4500 HOURS DEGF
79	CT5ATP5000	0	900	CORR T5 MES AT 5000 HOURS DEGF

80	CT5ATP6000	0	900 CORR T5 MES AT 6000 HOURS DEGF
81	CT5ATP7000	0	900 CORR T5 MES AT 7000 HOURS DEGF
82	CT5ATP8000	0	900 CORR T5 MES AT 8000 HOURS DEGF
83	CT5ATP9000	0	900 CORR T5 MES AT 9000 HOURS DEGF
84	CT5ATP10000	0	900 CORR T5 MES AT 10000 HOURS DEGF
85	CPTATP	55637	55.637 AVERAGE CORR PT DURING MES PSIA
86	MDNCPTATP	47197	47.197 MAIDEN CORR PT DURING MES PSIA
87	CPTATP500	56329	56.329 CORR PT DURING MES AT 500 HOURS PSIA
88	CPTATP1000	57083	57.083 CORR PT DURING MES AT 1000 HOURS PSIA
89	CPTATP1500	57212	57.212 CORR PT DURING MES AT 1500 HOURS PSIA
90	CPTATP2000	56239	56.239 CORR PT DURING MES AT 2000 HOURS PSIA
91	CPTATP2500	55278	55.278 CORR PT DURING MES AT 2500 HOURS PSIA
92	CPTATP3000	55766	55.766 CORR PT DURING MES AT 3000 HOURS PSIA
93	CPTATP3500	0	0 CORR PT DURING MES AT 3500 HOURS PSIA
94	CPTATP4000	0	0 CORR PT DURING MES AT 4000 HOURS PSIA
95	CPTATP4500	0	0 CORR PT DURING MES AT 4500 HOURS PSIA
96	CPTATP5000	0	0 CORR PT DURING MES AT 5000 HOURS PSIA
97	CPTATP6000	0	0 CORR PT DURING MES AT 6000 HOURS PSIA
98	CPTATP7000	0	0 CORR PT DURING MES AT 7000 HOURS PSIA
99	CPTATP8000	0	0 CORR PT DURING MES AT 8000 HOURS PSIA
100	CPTATP9000	0	0 CORR PT DURING MES AT 9000 HOURS PSIA
101	CPTATP10000	0	0 CORR PT DURING MES AT 10000 HOURS PSIA
102	CWFATP	28579	285.790 AVERAGE CORR FUEL FLOW DURING MES PPH
103	MDNCWFATP	23147	231.470 MAIDEN CORR FUEL FLOW DURING MES PPH
104	CWFATP500	27594	275.940 ORR FUEL FLOW MES AT 500 HOURS PPH
105	CWFATP1000	29441	294.410 CORR FUEL FLOW MES AT 1000 HOURS PPH
106	CWFATP1500	29517	295.170 CORR FUEL FLOW MES AT 1500 HOURS PPH
107	CWFATP2000	27592	275.920 CORR FUEL FLOW MES AT 2000 HOURS PPH
108	CWFATP2500	27764	277.640 CORR FUEL FLOW MES AT 2500 HOURS PPH
109	CWFATP3000	27980	279.800 CORR FUEL FLOW MES AT 3000 HOURS PPH
110	CWFATP3500	0	0 CORR FUEL FLOW MES AT 3500 HOURS PPH
111	CWFATP4000	0	0 CORR FUEL FLOW MES AT 4000 HOURS PPH
112	CWFATP4500	0	0 CORR FUEL FLOW MES AT 4500 HOURS PPH
113	CWFATP5000	0	0 CORR FUEL FLOW MES AT 5000 HOURS PPH
114	CWFATP6000	0	0 CORR FUEL FLOW MES AT 6000 HOURS PPH
115	CWFATP7000	0	0 CORR FUEL FLOW MES AT 7000 HOURS PPH
116	CWFATP8000	0	0 CORR FUEL FLOW MES AT 8000 HOURS PPH
117	CWFATP9000	0	0 CORR FUEL FLOW MES AT 9000 HOURS PPH
118	CWFATP10000	0	0 CORR FUEL FLOW MES AT 10000 HOURS PPH
119	IGVATP	9026	90.260 IGV POSITION DURING MES DEGREES
120	NLOADSHED	4	4 NUMBER OF LOADSHED OCCURANCES
121	LOADSHED8P3	0	0 NUMBER OF LOADSHEDS P2 LESS 8.3 PSIA
122	LOADSHED5P2	0	0 NUMBER OF LOADSHEDS P2 LESS 5.2 PSIA
123	SPDROOPS	3	3 NUMBER OF SPEED DROOPS BELOW 85% SPEED

FT
77

Honeywell certifies that the product(s) described hereon conform to the applicable requirements and were procured, manufactured, or processed in accordance with Honeywell Quality Assurance system approved by the United States Government where applicable.

By: Trever Lange
Authorized Signature - Quality Assurance, Honeywell

120402

REPORT NO: C503AA-AG-1
RUN DATE: 06/28/07
RUN TIME: 20:12:49
SORT SEQ: 1. ORDER NO. 2. ITEM NO.
ORDER TYPE: EXPENSE

HONEYWELL AEROSPACE AFTER MARKET
INVENTORY CONTROL SYSTEM
PICK LIST
SKY HARBOR DISTRIBUTION
EARLIEST REQ DATE:

AS OF 06/28/07
PAGE NO. 1

INVOICE / RO: 120402
ASRS ORDER: CHISS32592

KIT NUMBERS: 000 000
0 0 0 0
0 0 0 0
0 0 0 0
0 0 0 0
0 0 0 0
000 000

CUSTOMER ID: BJ

SHIP TO: UNKNOWN LOCATION CALL IS DEPT

---------- C U S T O M E R N O T E S ----------

****

ITEM	PART NUMBER	SUB ASM	C/C	PICK QTY	DESCRIPTION	X---------- SERIAL NUMBERS ----------X
0001	1549240-1		A	1	COVER	

END OF PICK LIST

Honeywell

Outside Shipper No. 8000665128

Ship Date:

Phoenix - Sky Harbor
Honeywell International Inc
1944 E Sky Harbor Circle
PHOENIX AZ 85034
USA

From		Ship To	
1169995	Phoenix - Sky Harbor Honeywell International Inc 1944 E Sky Harbor Circle PHOENIX AZ 85034 USA	ENGRNTL01	MRO PHOENIX- ENGINES RENTAL BANK Honeywell International Inc. 1944 E. Sky Harbor Circle PHOENIX AZ 85034 USA

Freight Forwarder	

Order Information		Shipping Information	
Purchase Order No.	3160894	BIII of Lading	
Service Order No.		Ship Method	Refer Freight Forwarder block
Contract No.		Ship Condition	Standard
Currency		Container Type	
Payment Terms		No of Containers	0
Incoterms	EXW SELLER'S FACILITY	Dimensions	
DPAS Rating		Gross Weight	0 KG

PO Item No	SO Item No	Material No.	Description	Qty	UoM	Serial No.	Unit Price	Extended Price
001030	001030	3800702-1 Sch B: 8803300030	GTCP131-9B	1	EA	P-6767	0.00	0.00
							Total	0.00

THESE COMMODITIES LICENSED BY U.S. FOR ULTIMATE DESTINATION. DIVERSION CONTRARY TO U.S. LAW IS PROHIBITED.

Instructions:

Purchasing Representative:	Date:	Government Source Inspection (If Required)	Date:
Quality Assurance Representative	Date:	Customer Sourse Inspection (If Required)	Date:

This is to certify that the material and /or articles noted hereon were procured or manufactured under assurance system acceptable to the government and that applicable certificates and records are on file and available for review by authorized customer representatives.	PQA of listed items has been made by me or under my supervision and they conform to contract except as noted herein or on supporting documents.
HONEYWELL INSPECTOR	SIGNATURE : DATE :

WE HEREBY CERTIFY THAT THE GOODS COVERED BY THIS INVOICE WERE PRODUCED IN COMPLIANCE WITH ALL APPLICABLE REQUIRMENTS OF THE FAIR LABOR STANDARDS ACT, AS AMENDED, INCLUDING SECTIONS 6, 7 AND 2 THEREOF, AND OF THE REGULATIONS AND ORDERS OF THE UNITED STATES DEPARTMENT OF LABOR ISSUED UNDER SECTION 14 THEREOF.

1. Approving National Aviation Authority/Country:	2.	3. Form Tracking Number:
FAA/United States	**AUTHORIZED RELEASE CERTIFICATE** **FAA Form 8130-3, AIRWORTHINESS APPROVAL TAG**	890001724937Y15 308262305

4. Organization Name and Address:		5. Work Order/Contract/Invoice Number:
Honeywell International Inc 1944 E Sky Harbor Circle PHOENIX AZ 85034	Repair Station ZN3R030M	901208623 308262304 Page 1 of 1

6. Item:	7. Description:	8. Part Number:	9. Eligibility:*	10. Quantity:	11. Serial / Batch Number:	12. Status / Work:
001	GTCP131-9B	3800702-1	N/A	1	P-6767	INSPECTED

13. Remarks :

THIS FORM 8130-3 REPLACES FORM 8130-3 WITH FORM TRACKING NUMBER 890001692378Y15/308262305 DATED 14 FEB 2011

THE SERVICE SPECIFIED HAS BEEN ACCOMPLISHED IN ACCORDANCE WITH:

EM 49-26-95 Rev 5 , DEC/14/2009

INSPECTED AND TESTED FOR RETURN TO HONEYWELL E.R.B.

LONG TERM PRESERVATION ACCOMPLISHED.

Additional Information

TSN 6013:34

TEXT CONTINUED ON RIGHT SIDE

CONTINUED:

CSN 7112

SEE ATTACHED DOCUMENTS AS APPLICABLE FOR WORK PERFORMED

HONEYWELL CERTIFIES THAT THE WORK SPECIFIED IN BLOCKS 12/13 WAS CARRIED OUT IN ACCORDANCE WITH EASA PART 145 AND, WITH RESPECT TO THAT WORK, THE COMPONENT IS CONSIDERED READY FOR RELEASE TO SERVICE UNDER EASA PART 145 APPROVAL NUMBER: EASA 145.4136

14. Certifies the items identified above were manufactured in conformity to:		19. ☒ 14 CFR 43.9 Return to Service ☒ Other regulation specified in Block 13	
☐ Approved design data and are in a condition for safe operation. ☐ Non-approved design data specified in Block 13.		Certifies that unless otherwise specified in Block 13, the work identified in Block 12 and described in Block13 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.: **ZN3R030M**
17. Name (Typed or Printed):	18. Date (m d y):	22. Name (Typed or Printed): **Sam Towne**	23. Date (m d y): **MAR 01 2011**

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 national regulations of an airworthiness authority different than the airworthiness authority of the country specified in Block1, 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 Block1. Statements in Block 14 and 19 do not constitute installation certification. In all cases, aircraft maintanance records must contain an installation certification issued in accordance with the national regulations by the user/installer before the aircraft may be flown.

1. Approving National Aviation Authority/Country:	2.	3. Form Tracking Number:
FAA/United States	**AUTHORIZED RELEASE CERTIFICATE** **FAA Form 8130-3, AIRWORTHINESS APPROVAL TAG**	890001692378Y15 308262305

4. Organization Name and Address:		5. Work Order/Contract/Invoice Number:
Honeywell International Inc 1944 E Sky Harbor Circle PHOENIX AZ 85034	Repair Station ZN3R030M	901208623 308262304 Page 1 of 1

6. Item:	7. Description:	8. Part Number:	9. Eligibility:*	10. Quantity:	11. Serial / Batch Number:	12. Status / Work:
001	GTCP131-9B	3800702-1	N/A	1	P-6767	INSPECTED

13. Remarks :

THE SERVICE SPECIFIED HAS BEEN ACCOMPLISHED IN ACCORDANCE WITH:

EM 49-26-95 Rev 5, DEC/14/2009

INSPECTED AND TESTED FOR RETURN TO HONEYWELL E.R.B.

LONG TERM PRESERVATION ACCOMPLISHED.

Additional Information

TSN 3013:34

CSN 7112

SEE ATTACHED DOCUMENTS AS APPLICABLE FOR WORK PERFORMED

HONEYWELL CERTIFIES THAT THE WORK SPECIFIED IN BLOCKS 12/13 WAS CARRIED OUT IN ACCORDANCE WITH EASA PART 145 AND, WITH RESPECT TO THAT WORK, THE COMPONENT IS CONSIDERED READY FOR RELEASE TO SERVICE UNDER EASA PART 145 APPROVAL NUMBER: EASA 145.4136

14. Certifies the items identified above were manufactured in conformity to:		19. ☒ 14 CFR 43.9 Return to Service ☒ Other regulation specified in Block 13	
☐ Approved design data and are in a condition for safe operation. ☐ Non-approved design data specified in Block 13.		Certifies that unless otherwise specified in Block 13, the work identified in Block 12 and described in Block13 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.: **ZN3R030M**
17. Name (Typed or Printed):	18. Date (m d y):	22. Name (Typed or Printed): **Sam Towne**	23. Date (m d y): **FEB 14 2011**

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 national regulations of an airworthiness authority different than the airworthiness authority of the country specified in Block1, 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 Block1. Statements in Block 14 and 19 do not constitute installation certification. In all cases, aircraft maintanance records must contain an installation certification issued in accordance with the national regulations by the user/installer before the aircraft may be flown.

THIS ENGINE REQUIRES LONG TERM PRESERVATION.

PLACE 8130/DOCUMENTS ON OUTSIDE OF PRESERVATION BAG.

DATE	ACCUMU-LATED ENGINE HOURS	ACCUMU-LATED ENGINE HOURS	REMARKS, INSPECTIONS, REPAIRS, AND ADJUSTMENTS	SIGNATURE
	TSN	**CSN**	**APU P/N** 3800702-1 **S/N** P-6767	
2/11/11	6013:34	7112	**Model 131-9B**	
	TSO	**CSO**	**DESCRIPTION OF WORK PERFORMED:**	
	N/A	N/A	ENGINE DISASSEMBLED TO THE EXTENT NECESSARY TO PERFORM	
			REPAIR, INSPECTED, REPAIRED AND TESTED IAW MANUFACTURER'S MANUAL 49-26-95 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: NONE REPLACED THIS VISIT.	
			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 **308262304**	
			HONEYWELL AEROSPACE CERTIFIED REPAIR STATION ZN3R030M	
			INSPECTOR:	*SAM TOWNE*

Honeywell

NDC / Life Limited Parts

Date	**TSN**	**CSN**	**APU P/N** 3800702-1 **S/N** P-6767	**CUSTOMER**
2/11/11	6013:34	7112	**Model 131-9B**	**HONEYWELL E.R.B.**

Noun	**P/N**	**S/N**	**Status**	**Noun**	**P/N**	**S/N**	**Status**
STARTER / GEN	28B545-7	58-B1317	4	SURGE VALVE	3291238-2	2955	4
LUBE MODULE	4131020-3	3912	4	FUEL CONTROL	441921-5	CUC12957	4
IGV ACTUATOR	3886188-2	3326	4	TEMP VALVE	160550-1	2053	4
OIL COOLER	160564-2	47-127	4	DATA MODULE	3876287-1	GE 3040	4
IGN UNIT	3888058-5	040218050856	4	LOAD VALVE	3291214-2	2536	4

REPAIR CODES 1-BENCH TEST 2-REPAIR 3-OVERHAUL 4- USED AS IS 5-NEW E- EXCHANGED

Noun	**P/N**	**S/N**	**Time**	**Cycles**
TIE SHAFT	----------	NOT EXPOSED	---	---
L/C IMPELLER	----------	NOT EXPOSED	N/A	N/A
E/C IMPELLER	----------	NOT EXPOSED	---	---
1ST T-WHEEL	----------	NOT EXPOSED	---	---
2ND T-WHEEL	----------	NOT EXPOSED	---	---

REPAIR ORDER: **308262304**
HONEYWELL AEROSPACE
CERTIFIED REPAIRED STATION
ZN3R030M

INSPECTOR: *SAM TOWNE*

ENGINE MODEL: GTCP131-9B
ENGINE SERIAL NUMBER: P-6767
CUSTOMER: MRO PHOENIX- ENGINES RENTAL BA
REPAIR ORDER: 2011-308262304-001

SERVICE RECORD
SERVICE BULLETIN COMPLIANCE

SERVICE BULLETIN	REV	DESCRIPTION	WHERE ACCOMP	WHEN ACCOMP
49-7997	2	SB 49-7997 AIRBORNE AUXILIARY POWER - GAS TURBINE ENGINE - STANDARD STORAGE AND PRESERVATION GUIDELINES	PHX	2/11/2011

HONEYWELL INTERNATIONAL
REPAIR STATION # ZN3R030M

INSPECTOR SIGNATURE: _____
Sam Towne

DATE: 2/14/2011

COMMERCIAL **Honeywell**

INCOMING TRAVELER

MRO PHOENIX- ENGINES RENTAL BANK

Phoenix - Sky Harbor
Honeywell International Inc
1944 E Sky Harbor Circle
PHOENIX AZ 85034

NOTIFICATION: 308262305

SALES ORDER: 3160894

SERVICE ORDER: 5004095620 **ADMIN : JUDY HARCQ**

QUOTE NO.: _____ **WBS:** RO-0003160894-01

CUST. NO.: ENGRNTL01 **CUST PN:** **Alternate S/N:** **MANF. DATE:**

DUE DATE: 11 MAR 2011 **RECEIVED DATE:** 09 FEB 2011 **PART NO.:** 3800702-1

LRU NAME: GTCP131-9B

PO#: 901208623 **UID/UST/USN#:** **FREIGHT FEES:**

S/N: P-6767

WORKCENTER: APU-Main Work Center
QUANTITY :1 **IMPORT REF. NO.:** **USER STATUS :MI**
TERMS: Net 2 Days (Interco) **CREDIT LIMIT:**5,000,000.00 **EXCHANGE PRICE:** 0.00

CONTRACT #: **DESCRIPTION:** **PROGRAM CODE :**BNK

FIXED LABOR HOURS: 0.0 **QUOTE:**NO **WTY :**N **WTY TYP:** **WTY. END DATE:**

CNTNR TYP & NO: No Special Number **CARRIER:**

GE: **PKG DEF:** **SEALS:** **ESD PROTECTED:** **WAYBILL#:**

AIRCRAFT TYPE : **AIRCRAFT TAIL NO.:**

DAMAGE REMARKS:

REASON FOR RETURN: (SEE PURCHASE ORDER FOR COMPLETE INSTRUCTIONS)

MATERIAL & SERIAL ALERT

Prior to creating or initiating Repair/Service Orders for this equipment at a Honeywell R&O facility or when changing equipment record material or serial number during repair, contact ERB Order Management at: COGEMAIL@Honeywell.com

PO NOTES

RENTAL APU RETURNED NO SQUAWKS NOTED. ONE LOGBOOK RECEIVED; TSN 6013 CSN 7112. INSPECT AND ADVISE JUDY HARCQ OF ANY MISSING PARTS, GMBH OFFLOAD. RECERTIFY / LONG TERM PRESERVE

PRINTED BY: Judith Harcq **DATE:** 09 FEB 2011 13:20:00

2/9/2011 Data Conversion For ENGINE S/N P6767
WINDMM.EXE Version 2.07.01 131-9B Overhaul Version 02.10

1	Item Count	126	126	NUMBER ENTRIES IN DMM
2	SW Version	07	07	ECU / DMM COMPATIBILITY SOFTWARE VERSION
3	APUser.pre	P	P	APU SERIAL NUMBER PREFIX
4	APUser.num1	00	00	APU SERIAL NUMBER (FIRST 2 DIGITS)
5	APUser.num2	00	00	APU SERIAL NUMBER (NEXT 2 DIGITS)
6	APUser.num3	67	67	APU SERIAL NUMBER (NEXT 2 DIGITS)
7	APUser.num4	67	67	APU SERIAL NUMBER (LAST 2 DIGITS)
8	APUser.suf			APU SERIAL NUMBER (SUFFIX 2 DIGITS)
9	APUhours	6013	6013	HOURS
10	APUminutes	34	34	MINUTES
11	APUcycles	7112	7112	CYCLES
12	ECS_OFFSET	-350	-3.500	ECS OFFSET DEGREES
13	FUELOFF100	982	9.820	FUEL FLOW OFFSET AT 100 POUNDS PPH
14	FUELOFF200	880	8.800	FUEL FLOW OFFSET AT 200 PPH
15	ABSTARTS	1	1	NUMBER OF UNSUCCESSFUL STARTS
16	APU_OPTIONS	5	5	APU OPTION FLAGS
	BIT 0: TRUE	Low Oil Quantity Light Disable		
	BIT 2: TRUE	Undefined		
17	FLTSTRT	3	3	NUMBER OF INFLIGHT STARTS
18	ABFLTSTRT	0	0	NUMBER OF UNSUCCESSFUL INFLIGHT STARTS
19	TURB_CYCLES	1659	1659	CYCLES SINCE TURBINE REPAIR
20	LC_CYCLES	1659	1659	CYCLES SINCE LOAD COMP REPAIR
21	EC_CYCLES	1659	1659	CYCLES SINCE ENGINE COMP REPAIR
22	CLOG_FILTER	0	0	NUMBER OF CLOGGED OIL FILTER SHUTDOWNS
23		0	0	SPARE
24		0	0	SPARE
25	INSTALLHR	34	34	TIME SINCE AIRPLANE INSTALLATION HOURS
26	INSTALLMIN	420	42	TIME SINCE AIRPLANE INSTALLATION MINUTES
27	ECSHOURS	32	32	OPERATING TIME IN ECS HOURS
28	ECSMINUTES	300	30	OPERATING TIME IN ECS MINUTES
29	FLTHOURS	0	0	OPERATING TIME IN FLIGHT HOURS
30	FLTMINUTES	83	8.300	OPERATING TIME IN FLIGHT MINUTES
31	HOTTIME	4	0.400	OPERATING HOURS T2 GREATER 100 DEGF
32	COLDTIME	0	0	OPERATING HOURS T2 LESS 0 DEGF
33	NMES	12	12	NUMBER OF MAIN ENGINE STARTS

34	HIGHSTRT	0	0	NUMBER OF START ATTEMPTS ABOVE 25000 FT
35	BRRSTRT	0	0	NUMBER OF STARTS OILTEMP LESS 0 DEGF
36	BRRRRSTRT	0	0	NUMBER OF STARTS OILTEMP LESS -40 DEGF
37	LOWOILPR	0	0	NUMBER OF LOW OIL PRESSURE SHUTDOWNS
38	NUM3LOP	0	0	NUMBER OF 3 CONSECUTIVE LOP SHUTDOWNS
39	CONSECLOP	0	0	NUMBER OF CONSECUTIVE LOP SHUTDOWNS
40	HOT	0	0	NUMBER OF HIGH OIL TEMPERATURE SHUTDOWNS
41	OVRTMPGOV	0	0	NUMBER OF ONSPEED OVERTEMP SHUTDOWNS
42	OVRTMPSTRT	0	0	NUMBER OF STARTING OVERTEMP SHUTDOWNS
43	REVFLOW	0	0	NUMBER OF REVERSE FLOW SHUTDOWNS
44	NOACCEL	0	0	NUMBER OF NO ACCELERATION SHUTDOWNS
45	OVERSPEED	0	0	NUMBER OF OVERSPEED SHUTDOWNS
46	UNDERSPEED	0	0	NUMBER OF UNDERSPEED SHUTDOWNS
47	INFLTSD	0	0	NUMBER OF INFLIGHT SHUTDOWNS
48	AKWECS(1)	2	13.107	AVERAGE GEN LOAD ECS KW *
49	AKWECS(2)	17241	1.724	AVERAGE GEN LOAD ECS KW
50	AKWMES(1)	3	19.661	AVERAGE GEN LOAD MES KW *
51	AKWMES(2)	52261	5.226	AVERAGE GEN LOAD MES KW
52	AKWFLT(1)	0	0	AVERAGE GEN LOAD INFLIGHT KW *
53	AKWFLT(2)	10093	1.009	AVERAGE GEN LOAD INFLIGHT KW
54	AT4ECS(1)	236	1546.650	AVERAGE T4 ECS DEG F*
55	AT4ECS(2)	40069	4.007	AVERAGE T4 ECS DEG F
56	AT4MES(1)	246	1612.186	AVERAGE T4 MES DEG F*
57	AT4MES(2)	62211	6.221	AVERAGE T4 MES DEG F
58	AT4FLT(1)	170	1114.112	AVERAGE T4 INFLIGHT DEG F*
59	AT4FLT(2)	28917	2.892	AVERAGE T4 INFLIGHT DEG F
60	T1800	5	0.500	HOURS T4 > 1800 DEG F
61	T1850	0	0	HOURS T4 > 1850 DEG F
62	T1900	0	0	HOURS T4 > 1900 DEG F
63	T1950	0	0	HOURS T4 > 1950 DEG F
64	T2000	0	0	HOURS T4 > 2000 DEG F
65	RECT4R	18628	1862.800	HIGHEST T4 ONSPEED DEGF
66	RECT5S	16520	1652	HIGHEST T5 DURING START DEGF
67	ABRTCLDN	0	0	NUMBER OF ABORTED COOLDOWNS
68	CT5ATP	18687	1086.870	AVERAGE CORR T5 DURING MES DEGF
69	MDNCT5ATP	18568	1085.680	MAIDEN CORR T5 DURING MES DEGF
70	CT5ATPXX500	9618	996.180	CORR T5 MES AT 500 HOURS DEGF
71	CT5ATPX1000	15273	1052.730	CORR T5 MES AT 1000 HOURS DEGF

72	CT5ATPX1500	16461	1064.610	CORR T5 MES AT 1500 HOURS DEGF
73	CT5ATPX2000	9746	997.460	CORR T5 MES AT 2000 HOURS DEGF
74	CT5ATPX2500	11362	1013.620	CORR T5 MES AT 2500 HOURS DEGF
75	CT5ATPX3000	11306	1013.060	CORR T5 MES AT 3000 HOURS DEGF
76	CT5ATPX3500	13772	1037.720	CORR T5 MES AT 3500 HOURS DEGF
77	CT5ATPX4000	14756	1047.560	CORR T5 MES AT 4000 HOURS DEGF
78	CT5ATPX4500	17609	1076.090	CORR T5 MES AT 4500 HOURS DEGF
79	CT5ATPX5000	16088	1060.880	CORR T5 MES AT 5000 HOURS DEGF
80	CT5ATPX6000	18377	1083.770	CORR T5 MES AT 6000 HOURS DEGF
81	CT5ATPX7000	0	900	CORR T5 MES AT 7000 HOURS DEGF
82	CT5ATPX8000	0	900	CORR T5 MES AT 8000 HOURS DEGF
83	CT5ATPX9000	0	900	CORR T5 MES AT 9000 HOURS DEGF
84	CT5ATPX0000	0	900	CORR T5 MES AT 10000 HOURS DEGF
85	CPTATP	55500	55.500	AVERAGE CORR PT DURING MES PSIA
86	MDNCPTATP	55430	55.430	MAIDEN CORR PT DURING MES PSIA
87	CPTATPXX500	56329	56.329	CORR PT DURING MES AT 500 HOURS PSIA
88	CPTATPX1000	57083	57.083	CORR PT DURING MES AT 1000 HOURS PSIA
89	CPTATPX1500	57212	57.212	CORR PT DURING MES AT 1500 HOURS PSIA
90	CPTATPX2000	56239	56.239	CORR PT DURING MES AT 2000 HOURS PSIA
91	CPTATPX2500	55278	55.278	CORR PT DURING MES AT 2500 HOURS PSIA
92	CPTATPX3000	55766	55.766	CORR PT DURING MES AT 3000 HOURS PSIA
93	CPTATPX3500	54670	54.670	CORR PT DURING MES AT 3500 HOURS PSIA
94	CPTATPX4000	55268	55.268	CORR PT DURING MES AT 4000 HOURS PSIA
95	CPTATPX4500	55973	55.973	CORR PT DURING MES AT 4500 HOURS PSIA
96	CPTATPX5000	55924	55.924	CORR PT DURING MES AT 5000 HOURS PSIA
97	CPTATPX6000	55425	55.425	CORR PT DURING MES AT 6000 HOURS PSIA
98	CPTATPX7000	0	0	CORR PT DURING MES AT 7000 HOURS PSIA

99	CPTATPX8000	0	0	CORR PT DURING MES AT 8000 HOURS PSIA
100	CPTATPX9000	0	0	CORR PT DURING MES AT 9000 HOURS PSIA
101	CPTATPX0000	0	0	CORR PT DURING MES AT 10000 HOURS PSIA
102	CWFATP	27904	279.040	AVERAGE CORR FUEL FLOW DURING MES PPH
103	MDNCWFATP	27928	279.280	MAIDEN CORR FUEL FLOW DURING MES PPH
104	CWFATPXX500	27594	275.940	ORR FUEL FLOW MES AT 500 HOURS PPH
105	CWFATPX1000	29441	294.410	CORR FUEL FLOW MES AT 1000 HOURS PPH
106	CWFATPX1500	29517	295.170	CORR FUEL FLOW MES AT 1500 HOURS PPH
107	CWFATPX2000	27592	275.920	CORR FUEL FLOW MES AT 2000 HOURS PPH
108	CWFATPX2500	27764	277.640	CORR FUEL FLOW MES AT 2500 HOURS PPH
109	CWFATPX3000	27980	279.800	CORR FUEL FLOW MES AT 3000 HOURS PPH
110	CWFATPX3500	30092	300.920	CORR FUEL FLOW MES AT 3500 HOURS PPH
111	CWFATPX4000	29964	299.640	CORR FUEL FLOW MES AT 4000 HOURS PPH
112	CWFATPX4500	27565	275.650	CORR FUEL FLOW MES AT 4500 HOURS PPH
113	CWFATPX5000	27348	273.480	CORR FUEL FLOW MES AT 5000 HOURS PPH
114	CWFATPX6000	27873	278.730	CORR FUEL FLOW MES AT 6000 HOURS PPH
115	CWFATPX7000	0	0	CORR FUEL FLOW MES AT 7000 HOURS PPH
116	CWFATPX8000	0	0	CORR FUEL FLOW MES AT 8000 HOURS PPH
117	CWFATPX9000	0	0	CORR FUEL FLOW MES AT 9000 HOURS PPH
118	CWFATPX0000	0	0	CORR FUEL FLOW MES AT 10000 HOURS PPH
119	IGVATP	9002	90.020	IGV POSITION DURING MES DEGREES
120	NLOADSHED	0	0	NUMBER OF LOADSHED OCCURANCES
121	LOADSHED8P3	0	0	NUMBER OF LOADSHEDS P2 LESS 8.3 PSIA
122	LOADSHED5P2	0	0	NUMBER OF LOADSHEDS P2 LESS 5.2 PSIA
123	SPDROOPS	0	0	NUMBER OF SPEED DROOPS BELOW 85% SPEED
124	OVRHAUL_HR	34	0	
125	OVRHAUL_MIN	420	0	
126	APU_HOURS_H	0	0	

PRELIMINARY AND HIDDEN DAMAGE INSPECTION REPORT

Repair Order: 2011-308262304-001 **Customer:** MRO PHOENIX- ENGINES RENTAL BA **Date:** 2/10/2011

Engine Model: GTCP131-9B **Outline No.:** 3800702-1 **Engine Serial:** P-6767

Primary Removal Reason: RENTAL APU RETURNED NO SQUAWKS NOTED.

PARTS RECEIVED

Nomenclature	Base Part Number	Dash No.	Serial Number	Comments
Bleed Duct	3885004-	2	NSN	
Bleed Valve	3291214-	2	2536	
Clamp	234-591-9350	*	N/A	RECEIVED 2 CLAMPS
DMM	3876287-	1	GE3040	
Delta P Switch	3876227-	2	041121415582	
Drain Tube	3883897-	1	NSN	
Fuel Control	441921-	5	CUC12957	
Fuel Tube	3883857-	2B	NSN	
Generator Harness	3888448-	1	0025866AB209	
IGV Actuator	3886188-	2B	3326	
Ignition Unit	3888058-	1	040218050856	
Low Oil Press Switch	3876255-	2	3553	
Lube Module	4131020-	3	9912	
Monopole	3876223-	1	38110	
Oil Cooler	160564-	2	47-127	
Oil Level Sensor	3876298-	3	040147000518	
QEC Generator Gasket	6430589-	*	N/A	
QEC Start/Generator	28B545-	7	58-B1317	
Seal	AS1895/7-350	*	N/A	2 AS RECEIVED
Sensor	3876225-	2	041121401464	
Solenoid Valve	692546-	4	02894	
Surge Valve	3291238-	2	2955	
Temp Control Valve	160550-	1	2053	
Temp Sensor	MS28034-	1	126170	
Total Press Probe	3884971-	1	NSN	
Total Press Sensor	3876226-	1	6441-8-91	

Model	PN	SN	PO	SAP sales order	installed	TSN / CSN	removed	TSN / CSN	operating hours	information	work required	charges USD	5% discount	Invoice amount
131-9A	3800708-1	P-2931	06601088	none	DMM readout required	3.184 / 4.482				returned from LHT	test only	50,855.00	2,542.75	**48,312.25**
131-9A	3800708-1	P-2985	06601086	3122972	40462	8.366 / 8.397	12/28/2010	8.740 / 9.037	374	returned from Royal Jordanian	test only	50,855.00	2,542.75	**48,312.25**
131-9A	3800708-1	R-2392	none	none	40359	6.559 / 6.796	1/3/2011	7.909 / 8.064	1,350	returned from LHT	test only			**invoicing by Spex**
131-9A	3800708-1	P-3456	none	30441844	40339	3.986 / 4.244	8/25/2010	4.422 / 4.761	436	returned from Bahrain	test only			**invoicing by Spex**
131-9B	3800702-1	P-7019	returned consingnment APU	3122892	38812	0 / 0	12/17/2010	7.019 / 16.005	7,019	returned from Ryanair	first SV since new , needs definitelly a major repair			**N/C**
131-9B	3800702-1	P-5722	returned consingnment APU	3123417	36863	0 / 0	9/15/2010	19.547 / 17.330	TSR 8.020	returned from South African Airways	removed serviceable, so please perform incoming test			**N/C**
131-9B	3800702-1	P-6767	none		40484	5.976 / 7.091	1/5/2011	6.013 / 7.112	37	returned from Jet Aviation Services	test only			**invoicing by Spex**

HONEYWELL RENTAL / LOANER APU CONDITION SHEET

TO BE COMPLETED AT TIME OF RENTAL / LOANER APU REMOVAL

RENTAL / LOANER APU MODEL **GTCP131-9B** S/N **P-6767**

AIRCRAFT TYPE **B737**

AIRCRAFT S/N **30789** REGISTRATION NO. **N349BA**

OWNER / OPERATOR **Jet Aviation Flight Services**

RENTAL / LOANER APU REMOVED (AGENCY / LOCATION) **Jet Aviation Singapore**

RENTAL/LOANER APU TIME: Installed at **5976** HOURS DATE **26. Okt 10**

Removed at ~~1430 LF~~ 6013.5 HOURS DATE 05JAN2011

1.0 PRE-REMOVAL CHECK — SIGN OFF

1.1 Assure that APU functions in accordance with the aircraft operational requirements. — JA 100

1.2 Light off to 100% 60 seconds 610 °C EGT peak
Record OAT 32 °C Record Altitude 30 feet
Record Idle Temp ~~100~~ °C
Items above to be recorded under no-load condition.
Record this information and date in the APU log book — JA 100

1.3 Leak check the APU. (fuel-oil-air) Correct any leakage noted beyond specified limits. — JA 100

1.4 Is main engine starting acceptable with this APU at time of removal? — JA ~~100~~

APU Preservation — 100

2.0 AFTER REMOVAL

2.1 Inspect APU inlet and exhaust areas for F.O.D. — JA 100

2.2 Rotate the rotating group by hand to check for freedom of rotation and verify no unusual noise. — JA 100

2.3 **Oil filter check. Remove and replace the APU oil filter element. Perform SOAP check. Inspect chip detector** — NA

2.4 Remove and inspect the oil sump magnetic plug. Clean and reinstall. — JA 100

NOTE: If an unusual amount of metallic particles are found, notify Honeywell for APU disposition.

2.5 Inspect all APU plumbing lines and fittings for security, for security, condition and evidence of fretting. Correct any noted problem. — JA ~~100~~

2.6 Visual inspect APU for any missing parts, such as LRU's, rivets, data plate, harness, lines, etc. — JA 100

2.7 This engine has undergone all of the above tasks successfully and is suitable for reuse as a rental engine. — JA 100

3.0 PREPARE APU FOR SHIPMENT

3.1 Install covers on compressor inlet, exhaust duct, electrical openings, fittings, plumbing lines, L/C valve port and necessary mounting pads. — JA 100

3.2 Place APU in approved storage/shipping container. — JA 100

3.2a Final Preparation for Longterm Storage. — JA ~~100~~

3.3 Comply with all APU Log Book entry requirements. — JA 100


ENGINE—GAS TURBINE
3800702—1
SERIES
26
131—9B
SERIAL
P—676
REF SPEC
TSO
RPM RATED
48,800
RPM ALLOWED
53,875
MAX
EGT
1072 F RATED
578 C RATED
ET DATE 10/15/04
MFG DATE 1004

ANALYTICAL CHECK SHEET FORM

Honeywell

Repair Facility : Phoenix - Sky Harbor Honeywell
International Inc 1944 E Sky Harbor Circle
PHOENIX AZ 85034

Customer PO : 901208623
Notification No: 000308262304
Outline No. : 3800702-1
Mod To Outline. : 3800702-1

Customer : ENGRNTL01 MRO PHOENIX- ENGINES RENTAL BANK Honeywe
Service Order No : 5004095620 **Sales Order No :** 3160894
Serial No: P-6767
Mod to S/N : P-6767 **Model No. :** GTCP131-9B

	Material	Serial No.	Disp	Qty	Description	Service Order #
IN	3800702-1	P-6767	M	0	GTCP131-9B	5004095620
OUT	3800702-1	P-6767	M			

REWORK CODE : 900
CONDITION CODE :
ACCT IND :

ANALYST REMARKS :

	Material	Serial No.	Disp	Qty	Description	Service Order #
IN	.3616850-2		O	1	PLUMBING AND ELEC ASSY	
OUT	3616850-2		O			

REWORK CODE :
CONDITION CODE :
ACCT IND :

ANALYST REMARKS :

	Material	Serial No.	Disp	Qty	Description	Service Order #
IN	..3888448-1		U	1	HARNESS WRG BR GEN	
OUT	3888448-1		U			

REWORK CODE :
CONDITION CODE :
ACCT IND : 56 Continue Time Inspection

ANALYST REMARKS :

	Material	Serial No.	Disp	Qty	Description	Service Order #
IN	..3883857-2		U	1	TUBE, ASSEMBLY FUEL SUPPLY	
OUT	3883857-2		U			

REWORK CODE :
CONDITION CODE :
ACCT IND :

ANALYST REMARKS :

	Material	Serial No.	Disp	Qty	Description	Service Order #
IN	..3883897-1		U	1	TUBE	
OUT	3883897-1		U			

REWORK CODE :
CONDITION CODE :
ACCT IND :

ANALYST REMARKS :

	Material	Serial No.	Disp	Qty	Description	Service Order #
IN	.3801103-4		O	1	POWER SECTION ASSY	
OUT	3801103-4		O			

REWORK CODE :
CONDITION CODE :
ACCT IND :

ANALYST REMARKS :

	Material	Serial No.	Disp	Qty	Description	Service Order #
IN	..3826994-2		U	2	COVER, IGV	
OUT	3826994-2		U			

REWORK CODE :
CONDITION CODE :
ACCT IND :

ANALYST REMARKS :

ANALYTICAL CHECK SHEET FORM

Honeywell

Repair Facility : Phoenix - Sky Harbor Honeywell
International Inc 1944 E Sky Harbor Circle
PHOENIX AZ 85034

Customer PO : 901208623
Notification No: 000308262304
Outline No. : 3800702-1
Mod To Outline. : 3800702-1

Customer : ENGRNTL01 MRO PHOENIX- ENGINES RENTAL BANK Honeywe
Service Order No : 5004095620 **Sales Order No :** 3160894
Serial No: P-6767
Mod to S/N : P-6767 **Model No. :** GTCP131-9B

	Material	Serial No.	Disp	Qty	Description	Service Order #
IN	..28B545-7	58-B1317	U	1	START GENERATOR	
OUT	28B545-7	58-B1317	U			

REWORK CODE :
CONDITION CODE : **ACCT IND :** 56 Continue Time Inspection

ANALYST REMARKS :

	Material	Serial No.	Disp	Qty	Description	Service Order #
IN	..441921-5	CUC12957	O	1	CONTROL FUEL	
OUT	441921-5	CUC12957	O			

REWORK CODE :
CONDITION CODE : **ACCT IND :**

ANALYST REMARKS : * Not removed from APU.

	Material	Serial No.	Disp	Qty	Description	Service Order #
IN	...2685336		N	1	FILTER FUEL	
OUT	2685336		N			

REWORK CODE :
CONDITION CODE : 6360 100% upon Removal **ACCT IND :**

ANALYST REMARKS :

	Material	Serial No.	Disp	Qty	Description	Service Order #
IN	..4131020-3	3912	O	1	LUBE MODULE	
OUT	4131020-3	3912	O			

REWORK CODE :
CONDITION CODE : **ACCT IND :** 56 Continue Time Inspection

ANALYST REMARKS : * Not removed from APU.

	Material	Serial No.	Disp	Qty	Description	Service Order #
IN	...3880938-1		N	2	ELEMENT FLTR OIL	
OUT	3880938-1		N			

REWORK CODE :
CONDITION CODE : 6360 100% upon Removal **ACCT IND :**

ANALYST REMARKS :

	Material	Serial No.	Disp	Qty	Description	Service Order #
IN	..3876287-1	GE3040	U	1	DATA MEMORY MODULE	
OUT	3876287-1	GE3040	U			

REWORK CODE :
CONDITION CODE : **ACCT IND :** 56 Continue Time Inspection

ANALYST REMARKS :

	Material	Serial No.	Disp	Qty	Description	Service Order #
IN	..234-591-9350		U	3	40 V-COUPLING ASSEMBLY	
OUT	234-591-9350		U			

REWORK CODE :
CONDITION CODE : **ACCT IND :**

ANALYST REMARKS :

ANALYTICAL CHECK SHEET FORM

Honeywell

Repair Facility : Phoenix - Sky Harbor Honeywell
International Inc 1944 E Sky Harbor Circle
PHOENIX AZ 85034

Customer PO : 901208623
Notification No: 000308262304
Outline No. : 3800702-1
Mod To Outline. : 3800702-1

Customer : ENGRNTL01 MRO PHOENIX- ENGINES RENTAL BANK Honeywe
Service Order No : 5004095620 **Sales Order No :** 3160894
Serial No: P-6767
Mod to S/N : P-6767 **Model No. :** GTCP131-9B

	Material	Serial No.	Disp	Qty	Description	Service Order #
IN	..3885004-2		U	1	DUCT, AIR - BLEED	
OUT	3885004-2		U			

REWORK CODE :
CONDITION CODE :
ACCT IND :

ANALYST REMARKS :

	Material	Serial No.	Disp	Qty	Description	Service Order #
IN	..234-591-9300		U	2	40 V-COUPLING ASSEMBLY	
OUT	234-591-9300		U			

REWORK CODE :
CONDITION CODE :
ACCT IND :

ANALYST REMARKS :

	Material	Serial No.	Disp	Qty	Description	Service Order #
IN	..3876223-1		U	1	TRANSDUCER MTN PU	
OUT	3876223-1		U			

REWORK CODE :
CONDITION CODE :
ACCT IND : 56 Continue Time Inspection

ANALYST REMARKS :

The unit was disassembled and inspected to the appropriate manual and the items not listed in the Check Sheets have been visually inspected per the appropriate manual and meet all criteria for re-assembly.

FEB 10 2011

HONEYWELL AEROSPACE SERVICES REPAIR AND OVERHAUL
REPAIR STATION #ZN3R030M

REF W.I. 21.200
FORM APU A_131
REV 11 DATED 100103

LAB TRAVELER

REPAIR ORDER: 5004095620 MODEL: 131-9B SERIAL NO.: P-6767 CUSTOMER: BANK ENGRNTL01
DATE: 2/9/2011 OUTLINE NO.: 3800702-1 RUN TYPE / BUILD: 1 LFS

ENGINEERING LAB INSTRUCTIONS: ADDRESS ALL ITEMS ON PAGE TWO OF THE LAB TRAVELER. - TEST LIGHT/MEN/DMM
Review

OH ENGINEER/TS: Patrick Di DATE: feb 9 2011

MANUAL NO. USED: N/A REV: ___ T.I. NO. AND REV: 3800702 T ACC: X REJ: ___

DISCREPANCY REPORT: X NO ___ YES TDR/IDR #: ___ HOURS THIS RUN: 1:41 TOTAL HOURS: 1:41 TOTAL STARTS: 4

UNIT PRESERVED: X YES ___ NO TEMP COMP N/A

CUSTOMER COMPLIANT VERIFIED: ___ YES ___ NO

LAB RUN COMMENTS (REF DATA SHEET FOR DETAILS): ___

LAB TECH SIGN: [signature] FT 90 DATE: 2-12-11 LAB ACCEPT SIGN: [signature] QC-173 DATE: 2/12/11

AE #1 ___ AE #2 ___ AE #3 ___

LOOSE ITEMS SENT WITH ENGINE:

PN:	SN:	PN:	SN:	PN:	SN:

PARTS REMOVED IN LAB

PN	SN	MECHANIC

PARTS INSTALLED IN LAB

PN	SN	MECHANIC

DATE 2-12-2011
TEST CREW Linderman
CELL NO. 815
PROD. RELEASE OR R/O# 5004095620

GAS TURBINE TEST LOG

PAGE NO. 1
ASSY. NO. 3800702-1
S/N P-6767
BUILD NO. CF5

START TIME	STOP TIME	RUN MIN.	STARTS	TIME	REMARKS
					unit installed Filters Changed Lo oil Check C/W, R/D=10K
					RPM & 30 PSIG Poil, Reserviced oil to Full
0935	0950	.15 / .15	1	AC	A/S=39 Sec, Gen ops @398Hz, Run-in C/W, TOil @S/D=17/2
					Oil System Check C/W, MAG Plug Check = OK
1000			2	AC	A/S=36 sec, No Load Rec #1 @10:10, FCS Initial IGV POS=
					56.0 deg, FCS Initial PBC=55.7, FCS Final IGV POS=
					49.0 deg, FCS Final PBC=51.6, FCS OFFSET= -7.0
	1021	:21 / :36			deg, Rec #2 @10:20, N/L, S/D
1055			3	DC	A/S=37 Sec, MES Rec #3 @10:45, Rec #4 @10:46, Rec #5 @10:47
					FSAPC=12%, Cell Valve Closed=No Surge, Stability
					Check=Stable, Rec #6 @10:50=No Surge, Rec #7 @11:00
	1129	:54 / 1:30			Rec #8 @11:10, Rec #9 @11:25, N/L, S/D Copied Data
					—— Swing Shift take over Kyl. Mikaszewski ——
					Stripped unit for Leak Check. Changed Filters
					Washed unit Down.
1214			4	D/L	A/S=37 Sec. Leak Check = No Leaks Seen.
	1225	:11 / 1:41			Washed unit Down. unit Preserved with 1010 S/O
					tailpipe = DRY.
					53 GAL USED. FT 80
					Unit Accepted - [signature]
		TOTAL			

AP5144 (2/96)

2/12/2011 Overhaul ATP for ENGINE S/N P6767
WINDMM.EXE Version 2.11.05 131-9B Production Version 03.10

1	Item Count	123	123 NUMBER ENTRIES IN DMM
2	SW Version	0	0 ECU / DMM COMPATIBILITY SOFTWARE VERSION (SV)
3	APUser.pre	P	P APU SERIAL NUMBER PREFIX
4	APUser.num1	00	00 APU SERIAL NUMBER (FIRST 2 DIGITS)
5	APUser.num2	00	00 APU SERIAL NUMBER (NEXT 2 DIGITS)
6	APUser.num3	67	67 APU SERIAL NUMBER (NEXT 2 DIGITS)
7	APUser.num4	67	67 APU SERIAL NUMBER (LAST 2 DIGITS)
8	APUser.suf		APU SERIAL NUMBER (SUFFIX 2 DIGITS)
9	APUhours	6015	6015 HOURS
10	APUminutes	20	20 MINUTES
11	APUcycles	7116	7116 CYCLES
12	ECS_OFFSET	-700	-7 ECS OFFSET DEGREES (SV)
13	FUELOFF100	0	0 FUEL FLOW OFFSET AT 100 POUNDS PPH (SV)
14	FUELOFF200	0	0 FUEL FLOW OFFSET AT 200 PPH (SV)
15	ABSTARTS	0	0 NUMBER OF UNSUCCESSFUL STARTS (SV)
16	APU_OPTIONS	5	5 APU OPTION FLAGS
	BIT 0: TRUE	Low Oil Quantity Light Disable	
	BIT 2: TRUE	Ice Break / IGV Sweep Logic Disable	
17	FLTSTRT	0	0 NUMBER OF INFLIGHT STARTS (SV)
18	ABFLTSTRT	0	0 NUMBER OF UNSUCCESSFUL INFLIGHT STARTS (SV)
19	TURB_CYCLES	0	0 CYCLES SINCE TURBINE REPAIR (TB)
20	LC_CYCLES	0	0 CYCLES SINCE LOAD COMP REPAIR (LC)
21	EC_CYCLES	0	0 CYCLES SINCE ENGINE COMP REPAIR (EC)
22	CLOG_FILTER	0	0 NUMBER OF CLOGGED OIL FILTER SHUTDOWNS (SV)
23		0	0 SPARE
24		0	0 SPARE
25	INSTALLHR	0	0 TIME SINCE AIRPLANE INSTALLATION HOURS (SV)
26	INSTALLMIN	0	0 TIME SINCE AIRPLANE INSTALLATION MINUTES (SV)
27	ECSHOURS	0	0 OPERATING TIME IN ECS HOURS (SV)
28	ECSMINUTES	0	0 OPERATING TIME IN ECS MINUTES (SV)
29	FLTHOURS	0	0 OPERATING TIME IN FLIGHT HOURS (SV)
30	FLTMINUTES	0	0 OPERATING TIME IN FLIGHT MINUTES (SV)
31	HOTTIME	0	0 OPERATING HOURS T2 GREATER 100 DEGF (SV)
32	COLDTIME	0	0 OPERATING HOURS T2 LESS 0 DEGF (SV)
33	NMES	0	0 NUMBER OF MAIN ENGINE STARTS (SV)
34	HIGHSTRT	0	0 NUMBER OF START ATTEMPTS ABOVE 25000 FT (SV)
35	BRRSTRT	0	0 NUMBER OF STARTS OILTEMP LESS 0 DEGF (SV)
36	BRRRRSTRT	0	0 NUMBER OF STARTS OILTEMP LESS -40 DEGF (SV)
37	LOWOILPR	0	0 NUMBER OF LOW OIL PRESSURE SHUTDOWNS (SV)
38	NUM3LOP	0	0 NUMBER OF 3 CONSECUTIVE LOP SHUTDOWNS (SV)
39	CONSECLOP	0	0 NUMBER OF CONSECUTIVE LOP SHUTDOWNS (SV)
40	HOT	0	0 NUMBER OF HIGH OIL TEMPERATURE SHUTDOWNS (SV)
41	OVRTMPGOV	0	0 NUMBER OF ONSPEED OVERTEMP SHUTDOWNS (SV)
42	OVRTMPSTRT	0	0 NUMBER OF STARTING OVERTEMP SHUTDOWNS (SV)
43	REVFLOW	0	0 NUMBER OF REVERSE FLOW SHUTDOWNS (SV)
44	NOACCEL	0	0 NUMBER OF NO ACCELERATION SHUTDOWNS (SV)
45	OVERSPEED	0	0 NUMBER OF OVERSPEED SHUTDOWNS (SV)
46	UNDERSPEED	0	0 NUMBER OF UNDERSPEED SHUTDOWNS (SV)
47	INFLTSD	0	0 NUMBER OF INFLIGHT SHUTDOWNS (SV)
48	AKWECS(1)	0	0 AVERAGE GEN LOAD ECS KW * (SV)
49	AKWECS(2)	0	0 AVERAGE GEN LOAD ECS KW (SV)
50	AKWMES(1)	0	0 AVERAGE GEN LOAD MES KW * (SV)
51	AKWMES(2)	0	0 AVERAGE GEN LOAD MES KW (SV)
52	AKWFLT(1)	0	0 AVERAGE GEN LOAD INFLIGHT KW * (SV)
53	AKWFLT(2)	0	0 AVERAGE GEN LOAD INFLIGHT KW (SV)
54	AT4ECS(1)	0	0 AVERAGE T4 ECS DEG F* (SV)
55	AT4ECS(2)	0	0 AVERAGE T4 ECS DEG F (SV)
56	AT4MES(1)	0	0 AVERAGE T4 MES DEG F* (SV)
57	AT4MES(2)	0	0 AVERAGE T4 MES DEG F (SV)
58	AT4FLT(1)	0	0 AVERAGE T4 INFLIGHT DEG F* (SV)
59	AT4FLT(2)	0	0 AVERAGE T4 INFLIGHT DEG F (SV)
60	T1800	0	0 HOURS T4 > 1800 DEG F (TB)
61	T1850	0	0 HOURS T4 > 1850 DEG F (TB)
62	T1900	0	0 HOURS T4 > 1900 DEG F (TB)
63	T1950	0	0 HOURS T4 > 1950 DEG F (TB)
64	T2000	0	0 HOURS T4 > 2000 DEG F (TB)
65	RECT4R	0	0 HIGHEST T4 ONSPEED DEGF (TB)
66	RECT5S	0	0 HIGHEST T5 DURING START DEGF (TB)
67	ABRTCLDN	0	0 NUMBER OF ABORTED COOLDOWNS (SV)
68	CT5ATP	0	900 AVERAGE CORR T5 DURING MES DEGF (TB)
69	MDNCT5ATP	0	900 MAIDEN CORR T5 DURING MES DEGF (TB)
70	CT5ATP500	9618	996.180 CORR T5 MES AT XX500 HOURS DEGF
71	CT5ATP1000	15273	1052.730 CORR T5 MES AT X1000 HOURS DEGF
72	CT5ATP1500	16461	1064.610 CORR T5 MES AT X1500 HOURS DEGF
73	CT5ATP2000	9746	997.460 CORR T5 MES AT X2000 HOURS DEGF
74	CT5ATP2500	11362	1013.620 CORR T5 MES AT X2500 HOURS DEGF
75	CT5ATP3000	11306	1013.060 CORR T5 MES AT X3000 HOURS DEGF
76	CT5ATP3500	13772	1037.720 CORR T5 MES AT X3500 HOURS DEGF
77	CT5ATP4000	14756	1047.560 CORR T5 MES AT X4000 HOURS DEGF

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78	CT5ATP4500	17609	1076.090 CORR T5 MES AT X4500 HOURS DEGF
79	CT5ATP5000	16088	1060.880 CORR T5 MES AT X5000 HOURS DEGF
80	CT5ATP6000	18377	1083.770 CORR T5 MES AT X6000 HOURS DEGF
81	CT5ATP7000	0	900 CORR T5 MES AT X7000 HOURS DEGF
82	CT5ATP8000	0	900 CORR T5 MES AT X8000 HOURS DEGF
83	CT5ATP9000	0	900 CORR T5 MES AT X9000 HOURS DEGF
84	CT5ATP10000	0	900 CORR T5 MES AT X10000 HOURS DEGF
85	CPTATP	0	0 AVERAGE CORR PT DURING MES PSIA (LC)
86	MDNCPTATP	0	0 MAIDEN CORR PT DURING MES PSIA (LC)
87	CPTATP500	56329	56.329 CORR PT DURING MES AT XX500 HOURS PSIA
88	CPTATP1000	57083	57.083 CORR PT DURING MES AT X1000 HOURS PSIA
89	CPTATP1500	57212	57.212 CORR PT DURING MES AT X1500 HOURS PSIA
90	CPTATP2000	56239	56.239 CORR PT DURING MES AT X2000 HOURS PSIA
91	CPTATP2500	55278	55.278 CORR PT DURING MES AT X2500 HOURS PSIA
92	CPTATP3000	55766	55.766 CORR PT DURING MES AT X3000 HOURS PSIA
93	CPTATP3500	54670	54.670 CORR PT DURING MES AT X3500 HOURS PSIA
94	CPTATP4000	55268	55.268 CORR PT DURING MES AT X4000 HOURS PSIA
95	CPTATP4500	55973	55.973 CORR PT DURING MES AT X4500 HOURS PSIA
96	CPTATP5000	55924	55.924 CORR PT DURING MES AT X5000 HOURS PSIA
97	CPTATP6000	55425	55.425 CORR PT DURING MES AT X6000 HOURS PSIA
98	CPTATP7000	0	0 CORR PT DURING MES AT X7000 HOURS PSIA
99	CPTATP8000	0	0 CORR PT DURING MES AT X8000 HOURS PSIA
100	CPTATP9000	0	0 CORR PT DURING MES AT X9000 HOURS PSIA
101	CPTATP10000	0	0 CORR PT DURING MES AT X10000 HOURS PSIA
102	CWFATP	0	0 AVERAGE CORR FUEL FLOW DURING MES PPH (SV)
103	MDNCWFATP	0	0 MAIDEN CORR FUEL FLOW DURING MES PPH (SV)
104	CWFATP500	27594	275.940 ORR FUEL FLOW MES AT XX500 HOURS PPH
105	CWFATP1000	29441	294.410 CORR FUEL FLOW MES AT X1000 HOURS PPH
106	CWFATP1500	29517	295.170 CORR FUEL FLOW MES AT X1500 HOURS PPH
107	CWFATP2000	27592	275.920 CORR FUEL FLOW MES AT X2000 HOURS PPH
108	CWFATP2500	27764	277.640 CORR FUEL FLOW MES AT X2500 HOURS PPH
109	CWFATP3000	27980	279.800 CORR FUEL FLOW MES AT X3000 HOURS PPH
110	CWFATP3500	30092	300.920 CORR FUEL FLOW MES AT X3500 HOURS PPH
111	CWFATP4000	29964	299.640 CORR FUEL FLOW MES AT X4000 HOURS PPH
112	CWFATP4500	27565	275.650 CORR FUEL FLOW MES AT X4500 HOURS PPH
113	CWFATP5000	27348	273.480 CORR FUEL FLOW MES AT X5000 HOURS PPH
114	CWFATP6000	27873	278.730 CORR FUEL FLOW MES AT X6000 HOURS PPH
115	CWFATP7000	0	0 CORR FUEL FLOW MES AT X7000 HOURS PPH
116	CWFATP8000	0	0 CORR FUEL FLOW MES AT X8000 HOURS PPH
117	CWFATP9000	0	0 CORR FUEL FLOW MES AT X9000 HOURS PPH
118	CWFATP10000	0	0 CORR FUEL FLOW MES AT X10000 HOURS PPH
119	IGVATP	8992	89.920 IGV POSITION DURING MES DEGREES
120	NLOADSHED	0	0 NUMBER OF LOADSHED OCCURANCES (SV)
121	LOADSHED8P3	0	0 NUMBER OF LOADSHEDS P2 LESS 8.3 PSIA (SV)
122	LOADSHED5P2	0	0 NUMBER OF LOADSHEDS P2 LESS 5.2 PSIA (SV)
123	SPDROOPS	0	0 NUMBER OF SPEED DROOPS BELOW 85% SPEED (SV)

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ACCEPTANCE TEST DATA SHEET
131-9[B]
LIGHT/MEDIUM REPAIR

USED WITH
TI-3800702
REV. T

UNIT OUTLINE: 3800702-1 MODEL: 131-9[B] UNIT S/N P- 6767

TEST CELL NO.: D115 RUN NO.: 1 DATE 02/12/11

REPAIR ORDER NO.: 5004095620

ECU P/N 2118966-221 S/N 117-B0090 SLAVE YES ✓ NO ____

ECU OPERATIONAL SW P/N 491B-TMS-A05-00

SPU P/N 1151984-1 S/N D15 SLAVE YES ✓ NO ____

SCU P/N 1152426-245 S/N 107C-0176 SLAVE YES ✓ NO ____

PERFORMANCE SUMMARY					
		2-PACK ECS - 700 HIGH +60KW		MES +65KW	
	DESCRIPTION	REQUIRED	ACTUAL	REQUIRED	ACTUAL
PBCOR	BLEED PRESSURE, PSIA	51.2 (MIN)	51.60	53.7 (MIN)	55.62
WBCOR	BLEED AIRFLOW, LB/MIN	155.0 (MIN)	157.4	N/A	145.0
TBCOR	BLEED TEMPERATURE, F	445.0 (MAX)	419.	445.0 (MAX)	430.
EGTCOR	EXHAUST GAS TEMPERATURE, F	1115.0 (MAX)	1032.	1105.0 (MAX)	1059.
WFCOR	FUEL CONSUMPTION, LB/HR	N/A	267.4	287.0 (REF)	263.1

PERFORMANCE DATA ADJUSTED TO S.L., 100F, INSTALLED CONDITIONS. EGTCOR AND WFCOR ARE ALSO CORRECTED TO MINIMUM BLEED PRESSURE. WFCOR (REF) IS A REFERENCE ONLY VALUE AND NOT A REQUIREMENT.

INITIAL IGV POSITION 4.1.2(B) 56.0 DEGREES, INITIAL PBCOR 55.7 PSIA

FINAL IGV POSITION 4.1.2(C) 49.0 DEGREES, FINAL PBCOR 51.6 PSIA

ECS OFFSET=(FINAL IGV-INITIAL IGV)= -7.0 DEGREES

OTHER ACCEPTANCE DATA						
ITEM	PARAGRAPH	PARAMETER	UNITS	DATA POINT	VALUE	REQUIRED
FLOW SENSOR CHECK	4.1.4(G)	WBCDNA	LB/MIN	4.	49.2	FIGURE 7
FLOW SENSOR CHECK	4.1.4(J)	WBCDNA	LB/MIN	5.	50.2	FIGURE 7
FLOW SENSOR ACCURACY	4.1.4(K)	WC	- -	- -	0.23	+/-5

SCV STABILITY (4.1.5) SCV IS STABLE YES ✓ NO ____

MINIMUM SURGE MARGIN (4.1.6) UNIT PASS MINIMUM SURGE MARGIN (4.1.6) YES ✓ NO ____

AC POWER START TIME 36 SEC (4.1.7)

DC POWER START TIME 37 SEC (4.1.7)

LOAD CYCLE STABILITY 4.2(C) 96 KW (0007) STABLE YES ✓ NO ____

LOAD CYCLE STABILITY 4.2(E) MES (0008) STABLE YES ✓ NO ____

LOAD CYCLE STABILITY 4.2(G) MES +96KW (0009) STABLE YES ✓ NO ____ EGTCOR 1127. (MAX 1160F)

LOAD CYCLE STABILITY 4.2(H) RTL STABLE YES ✓ NO ____

APU FAULTS OBSERVED 5.1(B) NONE ____ OTHER ____

APU DRY WEIGHT: NR LB

TOTAL NUMBER OF STARTS(DURING ATP): 4

TOTAL OPERATING TIME(DURING ATP): 1:41 HR/MIN

FT 90

UNIT STATUS: ACCEPT [X] REJECT [ ]

WE CERTIFY THE ABOVE DATA ARE TRUE AND CORRECT, AND IN ADDITION, THE UNIT HAS SUCCESSFULLY MET ALL OTHER TEST REQUIREMENTS SPECIFIED IN THE LATEST REVISION OF THE APPLICABLE TEST SPECIFICATION INDICATED ABOVE

	SIGNATURE	DATE
TECHNICIAN		2-12-11
SUPERVISOR	FT 204	2/12/11
QUALITY ASSURANCE	QC-173	2/12/11

ACCEPTANCE TEST DATA SHEET
LIGHT/MEDIUM REPAIR 131-9(B)
TEST CELL D115

APU S/N P- 6767

PARAMETER DESCRIPTION			ATP PARAGRAPH-->		4.1.2E	4.1.3C	4.1.1E
					2PCK-700 ECS HIGH	MES	RTL
DIGITAL DATA SCAN				HR:MIN	10:19	10:45	10:10
DIGITAL DATA POINT NUMBER					2.	3.	1.
PBAR	BAROMETRIC PRESSURE			PSIA	14.30	14.30	14.30
PCELL	CELL PRESSURE			PSIA	14.30	14.30	14.30
T1	T1-APU INLET TEMPERATURE (AVG)			DEG F	62.8	66.7	61.6
TENIVA	UNIT INLET TEMPERATURE (T2)			DEG F	63.0	67.0	62.4
POIL	OIL PRESSURE -- LUBE PUMP DISCHARGE			PSIG	66.3	66.2	66.7
TOIL	OIL TEMPERATURE -- LUBE PUMP DISCHARGE			DEG F	170.9	171.6	168.0
PSGBX	GEARBOX PRESSURE -- SUMP			IN H2O	2.05	1.66	2.83
TFUEL	FUEL INLET TEMPERATURE			DEG F	67.	69.	67.
PFUEL	FUEL INLET PRESSURE			PSIG	30.	29.	30.
VIBGBA	UNIT VIBRATION -- GEARBOX			IN/SEC	0.27	0.29	0.30
VIBTHA	UNIT VIBRATION -- TURBINE			IN/SEC	0.15	0.17	0.14
VIBP1E	ONE-PER-REV TURBINE POST			IN/SEC	0.6	0.6	0.7
XNL	SHAFT SPEED			RPM	48801.	48803.	48798.
PIGV	INLET GUIDE VANE POSITION			DEGREE	49.0	90.0	22.1
PCDFD	COMPRESSOR DISCHARGE STATIC PRESSURE			PSIA	100.4	102.1	96.2
TCDFD	COMPRESSOR DISCHARGE TEMPERATURE			DEG F	582.	595.	566.6
TTDEA	TURBINE DISCHARGE TEMPERATURE	#1		DEG F	863.	1003.	670.
TTDEB	(UNIT EGT)	#2		DEG F	843.	1009.	655.
EGT	LAB EGT (AVG)			DEG F	833.	978.	651.
PS9	EXHAUST STATIC PRESSURE			PSIA	14.24	14.24	14.25
PBORFA	BLEED AIR ORIFICE PRESSURE			PSIA	37.5	57.2	[redacted]
TBORFA	BLEED AIR ORIFICE TEMPERATURE (AVG)			DEG F	317.	375.	[redacted]
PDBORA	BLEED AIR ORIFICE DELTA P			PSID	1.04	1.16	[redacted]
WB	BLEED AIRFLOW			LB/MIN	124.6	157.3	[redacted]
WBCDNA	CORRECTED DISCHARGE AIRFLOW			LB/MIN	58.0	50.2	[redacted]
PB	BLEED PRESSURE (AVG)			PSIA	39.17	59.19	[redacted]
TB	BLEED TEMPERATURE (AVG)			DEG F	338.	397.	[redacted]
WF	FUEL FLOW (AVG)			LB/HR	227.6	271.9	167.0
PWGEN	GENERATOR LOAD - POWER FACTOR = 1.0			KW	58.9	63.7	0.1
CALCULATIONS:							
GENSL	GENERATOR LOAD AT SEA LEVEL -- PWGEN/(PCELL/14.696)			KW	60.5	65.5	[redacted]
	APU DELTAP/DELTA -- (PCELL-PS9)/(PCELL/14.696)			PSID	0.06	0.06	[redacted]
	BLEED PRESSURE AT SEA LEVEL -- PB/(PCELL/14.696)			PSIA	40.26	60.85	[redacted]
DELPB	BLEED PRESSURE LAPSE RATE CORRECTION			PSIA	12.94	-3.62	[redacted]
	INSTALLATION EFFECT ON BLEED PRESSURE			PSIA	-1.60	-1.60	[redacted]
PBCOR	BLEED PRESSURE CORRECTED TO SEA LEVEL, 100F, INSTALLED			PSIA	51.60	55.62	[redacted]
	BLEED AIRFLOW AT SEA LEVEL -- WB/(PCELL/14.696)			LB/MIN	128.0	161.7	[redacted]
DELWB	BLEED FLOW LAPSE RATE CORRECTION			LB/MIN	33.3	-12.7	[redacted]
	INSTALLATION EFFECT ON WB			LB/MIN	-4.0	-4.0	[redacted]
WBCOR	BLEED AIRFLOW CORRECTED TO SEA LEVEL, 100F, INSTALLED			LB/MIN	157.4	145.0	[redacted]
DELTB	BLEED TEMPERATURE LAPSE RATE CORRECTION			DEG F	80.	33.	[redacted]
TBCOR	BLEED TEMPERATURE CORRECTED TO SEA LEVEL, 100F, INSTALLED			DEG F	419.	430.	[redacted]
DELEGT	EGT LAPSE RATE CORRECTION			DEG F	171.	69.	[redacted]
	APU DELTA P CORRECTION ON EGT-(33*(PCELL-PS9)/(PCELL/14.696))			DEG F	2.	2.	[redacted]
	INSTALLATION EFFECT ON EGT			DEG F	30.	30.	[redacted]
	EXCESS BLEED PRESSURE CORRECTION ON EGT-- (-10*(PBCOR-PBREQ))			DEG F	4.	19.	[redacted]
EGTCOR	EGT CORRECTED TO SEA LEVEL, 100F, INSTALLED, AT PBREQ			DEG F	1032.	1059.	[redacted]
	SEA LEVEL FUEL FLOW -- WF/(PCELL/14.696)*(FLHV/18550)			LB/HR	233.4	278.9	[redacted]
DELWF	FUEL FLOW LAPSE RATE CORRECTION			LB/HR	34.5	-9.1	[redacted]
	APU DELTA P CORRECTION ON WF --(8*(PCELL-PS9)/(PCELL/14.696))			LB/HR	0.5	0.5	[redacted]
	INSTALLATION EFFECT ON WF			LB/HR	0.6	0.6	[redacted]
	EXCESS BLEED PRESSURE CORRECTION ON WF -- (-4*(PBCOR-PBREQ))			LB/HR	1.5	7.7	[redacted]
WFCOR	FUEL FLOW CORRECTED TO SEA LEVEL, 100F, INSTALLED, AT PBREQ			LB/HR	267.4	263.1	[redacted]

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[redacted] - DATA NOT NEEDED OR APPLICABLE QA APPROVAL QC-173

1. Approving Civil Aviation Authority/Country:	2.	3. Form Tracking Number:
FAA/United States	**AUTHORIZED RELEASE CERTIFICATE** **FAA Form 8130-3, AIRWORTHINESS APPROVAL TAG**	20160002261458Y15 326640216

4. Organization Name and Address:		5. Work Order/Contract/Invoice Number:
Honeywell International Inc 1944 E Sky Harbor Circle PHOENIX AZ 85034	Repair Station ZN3R030M	7178073 326640215 Page 1 of 1

6.Item:	7. Description:	8. Part Number:	9. Quantity:	10. Serial Number:	11. Status / Work:
001	ENGINE OUTLINE, GAS TURBINE	3800702-1	1	P-6767	INSPECTED

12. Remarks:

THE SERVICE SPECIFIED HAS BEEN ACCOMPLISHED IN ACCORDANCE WITH:
EM 49-26-95 REV 10, JUL/14/2016

LONG TERM PRESERVATION ACCOMPLISHED.

TSN: 12783.3 CSN: 14495 TSI/CSI: 0

SEE ATTACHED DOCUMENTS AS APPLICABLE FOR WORK PERFORMED

HONEYWELL CERTIFIES THAT THE WORK SPECIFIED IN BLOCK 11/12 WAS CARRIED OUT IN ACCORDANCE WITH EASA PART 145 AND IN RESPECT TO THAT WORK THE COMPONENT IS CONSIDERED READY FOR RELEASE TO SERVICE UNDER EASA PART 145 APPROVAL NO. EASA 145.4136

13a. Certifies the items identified above were manufactured in conformity to:		14a. ☒ 14 CFR 43.9 Return to Service ☒ Other regulation specified in Block 12	
☐ Approved design data and are in a condition for safe operation. ☐ Non-approved design data specified in Block 12.		Certifies that unless otherwise specified in Block 12, the work identified in Block 11 and described in Block 12 was accomplished in accordance with Title 14, Code of Federal Regulations, part 43 and in respect to that work, the items are approved for return to service.	
13b. Authorized Signature:	13c. Approval/Authorization No.:	14b. Authorized Signature:	14c. Approval/Certificate No.: **ZN3R030M**
13d. Name (Typed or Printed):	13e. Date(dd/mmm/yyyy):	14d. Name (Typed or Printed): **Joel Alonso**	14e. Date(dd/mmm/yyyy): **10/NOV/2016**

User / Installer Responsibilities

It is important to understand that the existence of this document alone does not automatically constitute authority to install the aircraft engine/propeller/article. Where the user/installer performs work in accordance with the national regulations of an airworthiness authority different than the airworthiness authority of the country specified in Block1, it is essential that the user/installer ensures that his/her airworthiness authority accepts aircraft engine(s)/propeller(s)/article(s) from the airworthiness authority of the country specified in Block1. Statements in Blocks 13a and 14a do not constitute installation certification. In all cases, aircraft maintenance records must contain an installation certification issued in accordance with the national regulations by the user/installer before the aircraft may be flown.

DATE	ENGINE HOURS	ENGINE HOURS	REMARKS, INSPECTIONS, REPAIRS, AND ADJUSTMENTS	SIGNATURE
11/9/16	**TSN** 12783.3	**CSN** 14495	**APU P/N** 3800702-1 **S/N** P-6767 **Model 131-9B**	
	TSO N/A	**CSO** N/A	**DESCRIPTION OF WORK PERFORMED:** ENGINE VISUALLY INSPECTED AND TESTED IAW MANUFACTURER'S	
			MANUAL 49-26-95 REV 10 AND CUSTOMER INSTRUCTIONS. TSI/CSI: 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 **326640215**	
			HONEYWELL AEROSPACE CERTIFIED REPAIR STATION ZN3R030M	
			INSPECTOR:	*JOEL ALONSO*

Honeywell

NDC / Life Limited Parts

Date	TSN	CSN	APU P/N 3800702-1 S/N P-6767	CUSTOMER
11/9/16	12783.3	14495	Model 131-9B	PHOENIX- ENGINES RENTAL BANK

Noun	P/N	S/N	Status	Noun	P/N	S/N	Status
SURGE VALVE	3291238-2	2955	4	STARTER / GEN	28B545-9	52-F0053	4
FUEL CONTROL	441921-5	CUC11798	4	LUBE MODULE	4131020-3	3912	4
DATA MODULE	3876287-1	GE3040	4	LOAD VALVE	3291214-2	587	4
IGN UNIT	3888058-7	131018	4	IGV ACTUATOR	3886188-3	6021	4
OIL COOLER	160564-2	5016	4	TEMP VALVE	160550-1	2053	4

REPAIR CODES 1-BENCH TEST 2-REPAIR 3-OVERHAUL 4- USED AS IS 5-NEW E- EXCHANGED

Noun	P/N	S/N	Time	Cycles
TIE SHAFT	NOT	EXPOSED	---	---
L/C IMPELLER	NOT	EXPOSED	N/A	N/A
E/C IMPELLER	NOT	EXPOSED	---	---
1ST T-WHEEL	NOT	EXPOSED	---	---
2ND T-WHEEL	NOT	EXPOSED	---	---

REPAIR ORDER: **326640215**

HONEYWELL AEROSPACE CERTIFIED REPAIRED STATION ZN3R030M **INSPECTOR:** *JOEL ALONSO*

ENGINE MODEL: 131-9B
ENGINE SERIAL NUMBER: P-6767
CUSTOMER: PHOENIX- ENGINES RENTAL BANK
REPAIR ORDER: 2016-326640215-001

SERVICE RECORD
SERVICE BULLETIN COMPLIANCE

SERVICE BULLETIN	REV	DESCRIPTION	WHERE ACCOMP	WHEN ACCOMP
49-7997	4	STANDARD STORAGE AND PRESERVATION GUIDELINES	PHX	11/09/2016

HONEYWELL INTERNATIONAL
REPAIR STATION # ZN3R030M

INSPECTOR SIGNATURE: _____
JOEL ALONSO

DATE: 11/09/2016

ENGINE MODEL: 131-9B
ENGINE SERIAL NUMBER: P-6767
CUSTOMER: PHOENIX- ENGINES RENTAL BANK
REPAIR ORDER: 2016-326640215-001

SERVICE RECORD
AIR WORTHINESS DIRECTIVES STATUS

AD NUMBER	REV	DESCRIPTION	WHERE ACCOMP	WHEN ACCOMP

NO AIRWORTHINESS DIRECTIVES APPLICABLE TO THIS ENGINE MODEL.

HONEYWELL INTERNATIONAL
REPAIR STATION # ZN3R030M

INSPECTOR SIGNATURE: _____
JOEL ALONSO

DATE: 11/09/2016

COMMERCIAL

Honeywell

INCOMING TRAVELER

MRO PHOENIX- ENGINES RENTAL BANK

Phoenix - Sky Harbor
Honeywell International Inc
1944 E Sky Harbor Circle
PHOENIX AZ 85034

NOTIFICATION: 326640216

SALES ORDER: 7190620

SERVICE ORDER: 5010392064 **ADMIN:** JUDY HARCQ

QUOTE NO: _____ **WBS:** RO-0007190620-01

CUST.NO: ENGRNTL01 **CUST PN:** **Alternate S/N:** **PO DATE:**

DUE DATE: 04 DEC 2016 **RECEIVED DATE:** 04 NOV 2016 **PART NO:** 3800702-1

Part Description: ENGINE OUTLINE, GAS TURBINE

PO#: 7178073 **UID/UST/USN#:** 6454728B545-9 **FREIGHT FEES:**

S/N: P-6767

WORK CENTER: APU-Main Work Center

QUANTITY : 1 **IMPORT REF. NO:** **USER STATUS :** MI

TERMS: Net 2 Days (Interco) **EXCHANGE PRICE:** 0.00

CONTRACT #: **DESCRIPTION:** **PROGRAM CODE:** BNK

FIXED LABOR HOURS: 0.0 **QUOTE:**NO **WTY:**N **WTY TYP:** **WTY.END DATE:**

CNTNR TYP & NO: No Special Number **CARRIER:**

DAMAGE: **PKG DEF:** **SEALS:** **ESD PROTECTED:** **WAYBILL#:** 177150118MR

AIRCRAFT TYPE: **AIRCRAFT TAIL NO:**

DAMAGE REMARKS:

REASON FOR RETURN:(SEE PURCHASE ORDER FOR COMPLETE INSTRUCTIONS)
RENTAL APU REQUIRES POST-LEASE INSPECTION

PO NOTES
* 11/04/2016 21:56:35 David Saunders (E531494) Phone 602-365-5961 - RETURN OF RENTAL APU REQUIRES POST-LEASE INSPECTION. NO SQUAWKS NOTED; CHECK FOR INSPECTIONS, RECERTIFY & LTP. ADVISE RA JUDY HARCQ X4382 OF MISSING PARTS AND/OR CUSTOMER DAMAGE. IF FOD FOUND, STOP WORK AND ALERT RA. DO NOT REPLACE MISSING LRUS W/OUT RA APPROVAL. SCRAP IN HOUSE. LOGBOOK RCVD. TSN: 12783.3 CSN: 14495

PRINTED BY: David Saunders **DATE:** 04 NOV 2016 21:58:43

ARP900 YAFL_FRM30088

HONEYWELL RENTAL / LOANER APU CONDITION SHEET

TO BE COMPLETED AT TIME OF RENTAL / LOANER APU REMOVAL

RENTAL APU MODEL HONEYWELL 131-9B S/N P6767

AIRCRAFT TYPE 7BJ

AIRCRAFT S/N 30740 REGISTRATION NO. A36-002

OWNER / OPERATOR RAAF

RENTAL APU REMOVED (AGENCY / LOCATION) CBR

RENTAL APU TIME: Installed at 12,422.5 HOURS _____ CYCLES DATE _____

Removed at 12783.3 HOURS 14495 CYCLES DATE 16 OCT 16

1.0 PRE-REMOVAL CHECK — SIGN OFF

1.1 Assure that APU functions in accordance with the aircraft operational requirements. — [signature] Q608857

1.2 Light off to 100% 38 seconds _____ °F EGT 366 °C EGT
Record OAT _____ °F 19 °C Record Altitude 1800 feet
Record Idle Temp _____ °F 360 °C
Items above to be recorded under no-load condition.
Record this information and date in the APU log book — [signature] Q608857

1.3 Leak check the APU. (fuel-oil-air) Correct any leakage noted beyond specified limits. — [signature] Q608857

1.4 Is main engine starting acceptable with this APU at time of removal? (YES) NO — [signature] Q608857

2.0 AFTER REMOVAL

2.1 Inspect APU inlet and exhaust areas for F.O.D. — [signature] 16 OCT 16

2.2 Rotate the rotating group by hand to check for freedom of rotation and verify no unusual noise. — [signature] 16 OCT 16

2.3 Oil filter check. Remove and replace the APU oil filter element. Inspect the removed filter for contamination. — [signature] 16 OCT 16

2.4 Remove and inspect the oil sump magnetic plug. Clean and reinstall. — [signature] 16 OCT 16

NOTE: If an unusual amount of metallic particles are found, notify Honeywell for APU disposition. — APU CLEAR OUT

2.5 Inspect all APU plumbing lines and fittings for security, for security, condition and evidence of fretting. Correct any noted problem. — [signature] 16 OCT 16

2.6 Visual inspect APU for any missing parts, such as LRU's, rivets, data plate, harness, lines, etc. — [signature] 16 OCT 16

2.7 This engine has undergone all of the above tasks successfully and is suitable for reuse as a rental engine. — [signature] 16 OCT 16

3.0 PREPARE APU FOR SHIPMENT

3.1 Install covers on compressor inlet, exhaust duct, electrical openings, fittings, plumbing lines, L/C valve port and necessary mounting pads. — [signature] 16 OCT 16

3.2 Place APU in approved storage/shipping container. — [signature] 16 OCT 16

3.3 Comply with all APU Log Book entry requirements. — [signature] 16 OCT 16

11/5/2016 Data Conversion For ENGINE S/N P6767
WINDMM.EXE Version 3.01 131-9B Overhaul Version 03.10

1	Item Count	126	126	NUMBER ENTRIES IN DMM
2	SW Version	07	07	ECU / DMM COMPATIBILITY SOFTWARE VERSION (SV)
3	APUser.pre	P	P	APU SERIAL NUMBER PREFIX
4	APUser.num1	00	00	APU SERIAL NUMBER (FIRST 2 DIGITS)
5	APUser.num2	00	00	APU SERIAL NUMBER (NEXT 2 DIGITS)
6	APUser.num3	67	67	APU SERIAL NUMBER (NEXT 2 DIGITS)
7	APUser.num4	67	67	APU SERIAL NUMBER (LAST 2 DIGITS)
8	APUser.suf			APU SERIAL NUMBER (SUFFIX 2 DIGITS)
9	APUhours	12783	12783	HOURS
10	APUminutes	47	47	MINUTES
11	APUcycles	14496	14496	CYCLES
12	ECS_OFFSET	-200	-2	ECS OFFSET DEGREES (SV)
13	FUELOFF100	1472	14.720	FUEL FLOW OFFSET AT 100 POUNDS PPH (SV)
14	FUELOFF200	643	6.430	FUEL FLOW OFFSET AT 200 PPH (SV)
15	ABSTARTS	0	0	NUMBER OF UNSUCCESSFUL STARTS (SV)
16	APU_OPTIONS	0	0	APU OPTION FLAGS
17	FLTSTRT	6	6	NUMBER OF INFLIGHT STARTS (SV)
18	ABFLTSTRT	0	0	NUMBER OF UNSUCCESSFUL INFLIGHT STARTS (SV)
19	TURB_CYCLES	286	286	CYCLES SINCE TURBINE REPAIR (TB)
20	LC_CYCLES	286	286	CYCLES SINCE LOAD COMP REPAIR (LC)
21	EC_CYCLES	286	286	CYCLES SINCE ENGINE COMP REPAIR (EC)
22	CLOG_FILTER	0	0	NUMBER OF CLOGGED OIL FILTER SHUTDOWNS (SV)
23		0	0	SPARE
24		0	0	SPARE
25	INSTALLHR	361	361	TIME SINCE AIRPLANE INSTALLATION HOURS (SV)
26	INSTALLMIN	140	14	TIME SINCE AIRPLANE INSTALLATION MINUTES (SV)
27	ECSHOURS	227	227	OPERATING TIME IN ECS HOURS (SV)
28	ECSMINUTES	300	30	OPERATING TIME IN ECS MINUTES (SV)
29	FLTHOURS	91	91	OPERATING TIME IN FLIGHT HOURS (SV)
30	FLTMINUTES	433	43.300	OPERATING TIME IN FLIGHT MINUTES (SV)

HONEYWELL AEROSPACE SERVICES REPAIR AND OVERHAUL
REPAIR STATION #ZN3R030M

REF W.I. 21.200
FORM APU A_131
REV 11 DATED 100103

LAB TRAVELER

REPAIR ORDER: 5010392064 MODEL: 131-9B SERIAL NO.: P-6767 CUSTOMER: ENGRNTL01
DATE: 11/5/2016 OUTLINE NO.: 3800702-1 RUN TYPE / BUILD: 1

ENGINEERING LAB INSTRUCTIONS: ADDRESS ALL ITEMS ON PAGE TWO OF THE LAB TRAVELER. Test per EM 49-26-95 rev 10 or
DMM reset TI 34-TI-3800702 rev V light/medium criteria

OH ENGINEER/TS: Cameron Lewis 480 205 0137 DATE: 11/5/16

MANUAL NO. USED : ______ REV: ___ T.I. NO. AND REV: 3800702 V ACC LT/MED: ___ ACC/HVY: ✓ REJ: ___

DISCREPANCY REPORT: ✓ NO ___ YES TDR/IDR #: ______ HOURS THIS RUN: 1:50 TOTAL HOURS: 1:50 TOTAL STARTS: 4

UNIT PRESERVED: ✓ YES ___ NO TEMP COMP ______

THE DEFAULT OIL FOR THE TEST IS BP 2380 UNLESS ONE OF THE FOLLOWING IS CHECKED:

CUSTOMER COMPLIANT VERIFIED: ___ YES ___ NO

BP 2197 ☐ MOBIL JET II ☐ MOBIL JET 254 ☐

LAB RUN COMMENTS (REF DATA SHEET FOR DETAILS):

LAB TECH COMP: ______ (691-00) BP 2389 ☐

LAB TECH SIGN: [signature] FT 16 DATE: 11/9/16 LAB ACCEPT SIGN: [signature] DATE: 11-9-16

1. WAS THE TURBINE SECTION REPAIRED OR REPLACED: YES ___ NO ✓
2. WAS THE LOAD COMPRESSOR REPAIRED OR REPLACED: YES ___ NO ✓
3. WAS THE ENGINE COMPRESSOR REPAIRED OR REPLACED: YES ___ NO ✓
4. VERIFY APU SERIAL NUMBER IS CORRECT ON THE TOP OF THE DMM DATASHEET ______

PARTS REMOVED IN LAB			PARTS INSTALLED IN LAB		
PN	SN	MECHANIC	PN	SN	MECHANIC

FT 16

ACCEPTANCE TEST DATA SHEET
OVERHAUL 131-9[B]
TEST CELL D115

APU S/N P- 6767

PARAMETER DESCRIPTION			ATP PARAGRAPH-->		4.1.2E	4.1.3C	4.1.1E
					2PCK-700 ECS HIGH	MES	RTL
DIGITAL DATA SCAN				HR:MIN	16:45	16:55	16:35
DIGITAL DATA POINT NUMBER					2.	3.	1.
PBAR	BAROMETRIC PRESSURE			PSIA	14.15	14.16	14.15
PCELL	CELL PRESSURE			PSIA	14.15	14.15	14.16
T1	T1-APU INLET TEMPERATURE (AVG)			DEG F	65.5	66.1	64.4
TENIVA	UNIT INLET TEMPERATURE (T2)			DEG F	66.0	66.4	66.4
POIL	OIL PRESSURE -- LUBE PUMP DISCHARGE			PSIG	67.9	67.7	68.2
TOIL	OIL TEMPERATURE -- LUBE PUMP DISCHARGE			DEG F	180.	181.	175.
PSGBX	GEARBOX PRESSURE -- SUMP			IN H2O	-2.25	-3.54	-0.05
TFUEL	FUEL INLET TEMPERATURE			DEG F	82.	82.	81.
PFUEL	FUEL INLET PRESSURE			PSIG	36.8	36.5	37.4
VIBGBA	UNIT VIBRATION -- GEARBOX			IN/SEC	0.19	0.18	0.14
VIBTHA	UNIT VIBRATION -- TURBINE			IN/SEC	0.16	0.15	0.15
VIBP1E	ONE-PER-REV TURBINE POST			IN/SEC	1.8	1.8	1.9
XNL	SHAFT SPEED			RPM	48801.	48800.	48804.
PIGV	INLET GUIDE VANE POSITION			DEGREE	56.9	89.9	21.5
PCDFD	COMPRESSOR DISCHARGE STATIC PRESSURE			PSIA	100.3	102.9	93.8
TCDFD	COMPRESSOR DISCHARGE TEMPERATURE			DEG F	586.	593.	568.8
TTDEA	TURBINE DISCHARGE TEMPERATURE		#1	DEG F	839.	937.	652.
TTDEB	(UNIT EGT)		#2	DEG F	803.	896.	615.
EGT	LAB EGT (AVG)			DEG F	823.	913.	631.
PS9	EXHAUST STATIC PRESSURE			PSIA	14.14	14.14	14.15
PBORFA	BLEED AIR ORIFICE PRESSURE			PSIA	39.2	56.0	[redacted]
TBORFA	BLEED AIR ORIFICE TEMPERATURE (AVG)			DEG F	320.	371.	[redacted]
PDBORA	BLEED AIR ORIFICE DELTA P			PSID	1.24	1.27	[redacted]
WB	BLEED AIRFLOW			LB/MIN	128.4	150.6	[redacted]
WBCDNA	CORRECTED DISCHARGE AIRFLOW			LB/MIN	57.7	49.4	[redacted]
PB	BLEED PRESSURE (AVG)			PSIA	40.83	57.65	[redacted]
TB	BLEED TEMPERATURE (AVG)			DEG F	349.	398.	[redacted]
WF	FUEL FLOW (AVG)			LB/HR	230.9	265.4	159.0
PWGEN	GENERATOR LOAD - POWER FACTOR = 1.0			KW	58.3	63.2	0.3
CALCULATIONS:							
GENSL	GENERATOR LOAD AT SEA LEVEL -- PWGEN/(PCELL/14.696)			KW	60.6	65.6	[redacted]
	APU DELTAP/DELTA -- (PCELL-PS9)/(PCELL/14.696)			PSID	0.01	0.02	[redacted]
	BLEED PRESSURE AT SEA LEVEL -- PB/(PCELL/14.696)			PSIA	42.39	59.86	[redacted]
DELPB	BLEED PRESSURE LAPSE RATE CORRECTION			PSIA	10.88	-3.69	[redacted]
	INSTALLATION EFFECT ON BLEED PRESSURE			PSIA	-1.60	-1.60	[redacted]
PBCOR	BLEED PRESSURE CORRECTED TO SEA LEVEL, 100F, INSTALLED			PSIA	51.67	54.58	[redacted]
	BLEED AIRFLOW AT SEA LEVEL -- WB/(PCELL/14.696)			LB/MIN	133.3	156.4	[redacted]
DELWB	BLEED FLOW LAPSE RATE CORRECTION			LB/MIN	27.4	-12.9	[redacted]
	INSTALLATION EFFECT ON WB			LB/MIN	-4.0	-4.0	[redacted]
WBCOR	BLEED AIRFLOW CORRECTED TO SEA LEVEL, 100F, INSTALLED			LB/MIN	156.7	139.5	[redacted]
DELTB	BLEED TEMPERATURE LAPSE RATE CORRECTION			DEG F	72.	34.	[redacted]
TBCOR	BLEED TEMPERATURE CORRECTED TO SEA LEVEL, 100F, INSTALLED			DEG F	421.	431.	[redacted]
DELEGT	EGT LAPSE RATE CORRECTION			DEG F	154.	69.	[redacted]
	APU DELTA P CORRECTION ON EGT-(33*(PCELL-PS9)/(PCELL/14.696))			DEG F	0.	0.	[redacted]
	INSTALLATION EFFECT ON EGT			DEG F	30.	30.	[redacted]
	EXCESS BLEED PRESSURE CORRECTION ON EGT-- (-10*(PBCOR-PBREQ))			DEG F	5.	1.	[redacted]
EGTCOR	EGT CORRECTED TO SEA LEVEL, 100F, INSTALLED, AT PBREQ			DEG F	1003.	1012.	[redacted]
	SEA LEVEL FUEL FLOW -- WF/(PCELL/14.696)*(FLHV/18550)			LB/HR	239.9	275.7	[redacted]
DELWF	FUEL FLOW LAPSE RATE CORRECTION			LB/HR	29.6	-9.3	[redacted]
	APU DELTA P CORRECTION ON WF --(8*(PCELL-PS9)/(PCELL/14.696))			LB/HR	0.1	0.1	[redacted]
	INSTALLATION EFFECT ON WF			LB/HR	0.6	0.6	[redacted]
	EXCESS BLEED PRESSURE CORRECTION ON WF -- (-4*(PBCOR-PBREQ))			LB/HR	1.9	0.3	[redacted]
WFCOR	FUEL FLOW CORRECTED TO SEA LEVEL, 100F, INSTALLED, AT PBREQ			LB/HR	268.3	266.8	[redacted]

[redacted] - DATA NOT NEEDED OR APPLICABLE QA APPROVAL 149

ACCEPTANCE TEST DATA SHEET
131-9[B]
OVERHAUL

USED WITH
TI-3800702
REV. V

UNIT OUTLINE: 3800702-1 MODEL: 131-9[B] UNIT S/N P- 6767

TEST CELL NO.: D115 RUN NO.: ONE DATE 11/09/16

REPAIR ORDER NO.: 5010392064

ECU P/N 2118966-222 S/N 129-G0703 SLAVE YES

ECU OPERATIONAL SW P/N 491B-TUS-A05-00

SPU P/N 1151984-1 S/N 047C-0125 SLAVE YES

SCU P/N 1152426-245 S/N 017C-0176 SLAVE YES

PERFORMANCE SUMMARY

	DESCRIPTION	2-PACK ECS - 700 HIGH +60KW		MES +65KW	
		REQUIRED	ACTUAL	REQUIRED	ACTUAL
PBCOR	BLEED PRESSURE, PSIA	51.2 (MIN)	51.67	54.5 (MIN)	54.58
WBCOR	BLEED AIRFLOW, LB/MIN	155.0 (MIN)	156.7	N/A	139.5
TBCOR	BLEED TEMPERATURE, F	445.0 (MAX)	421.	445.0 (MAX)	431.
EGTCOR	EXHAUST GAS TEMPERATURE, F	1090.0 (MAX)	1003.	1080.0 (MAX)	1012.
WFCOR	FUEL CONSUMPTION, LB/HR	N/A	268.3	287.0 (REF)	266.8

PERFORMANCE DATA ADJUSTED TO S.L., 100F, INSTALLED CONDITIONS. EGTCOR AND WFCOR ARE ALSO CORRECTED TO MINIMUM BLEED PRESSURE. WFCOR (REF) IS A REFERENCE ONLY VALUE AND NOT A REQUIREMENT.

INITIAL IGV POSITION 4.1.2(B) 58 DEGREES, INITIAL PBCOR 52.5 PSIA

FINAL IGV POSITION 4.1.2(C) 57 DEGREES, FINAL PBCOR 51.8 PSIA

ECS OFFSET=(FINAL IGV-INITIAL IGV)= -1 DEGREES

OTHER ACCEPTANCE DATA

ITEM	PARAGRAPH	PARAMETER	UNITS	DATA POINT	VALUE	REQUIRED
FLOW SENSOR CHECK	4.1.4(G)	WBCDNA	LB/MIN	4.	49.6	FIGURE 7
FLOW SENSOR CHECK	4.1.4(J)	WBCDNA	LB/MIN	5.	50.0	FIGURE 7
FLOW SENSOR ACCURACY	4.1.4(K)	WC	- -	- -	0.32	+/-5

SCV STABILITY (4.1.5) SCV IS STABLE YES

MINIMUM SURGE MARGIN (4.1.6) UNIT PASS MINIMUM SURGE MARGIN (4.1.6) YES

AC POWER START TIME 34 SEC (4.1.7)

DC POWER START TIME 33 SEC (4.1.7)

LOAD CYCLE STABILITY 4.2(C) 96 KW (0007) STABLE YES

LOAD CYCLE STABILITY 4.2(E) MES (0008) STABLE YES

LOAD CYCLE STABILITY 4.2(G) MES +96KW (0009) STABLE YES EGTCOR 1062. (MAX 1135F)

LOAD CYCLE STABILITY 4.2(H) RTL STABLE YES

APU FAULTS OBSERVED 5.1(B) NONE

APU DRY WEIGHT: N/A LB

TOTAL NUMBER OF STARTS(DURING ATP): 4

TOTAL OPERATING TIME(DURING ATP): 1:50 HR/MIN

UNIT STATUS: ACCEPTED

WE CERTIFY THE ABOVE DATA ARE TRUE AND CORRECT, AND IN ADDITION, THE UNIT HAS SUCCESSFULLY MET ALL OTHER TEST REQUIREMENTS SPECIFIED IN THE LATEST REVISION OF THE APPLICABLE TEST SPECIFICATION INDICATED ABOVE

	SIGNATURE	DATE
TECHNICIAN	FT 16	11/9/16
SUPERVISOR	E. VALENZUELA FT 3	11-9-16
QUALITY ASSURANCE	649-00	11-9-16

DATE 11/9/16
TEST CREW R.Rojas
CELL 815
PROD. RELEASE
OR R/O # 5010392064

GAS TURBINE TEST LOG

PAGE NO. 1
ASSY. NO. 3800702-1
S/N P-6767
Build # 1

START TIME	STOP TIME	RUN MIN.	STARTS	TIME	REMARKS
				P/T	Unit installed per TI and checklist, Scav line torqued to 140'lbs, slave filters and
					bypass installed, LOQ check good, verified DMM is @ 0, serviced unit with BP 2380
					R/O=19 psig @ 10k RPM seen. Reserviced to full.
1555	1615	:20 :20	1		A/C A/S=34 sec. P3.8 Run-In: Loads ok, no leaks, no faults, rtl oil temp @ S/D=175
					Oil level and magplug good. Unit washed down.
1625			2		A/C A/S=37 sec. No-Load: DP#1 @ 1635, ECS Offset: initial IGV Pos=58, initial
					PBCOR=52.5, Final IGV Pos=57, final PBCOR= 51.8, Offset= -1, DP#2 @ 1645,
					MES Performance: DP#3 @ 1655, Flow Sensor Check: DP#4 @ 1656, DP#5 @ 1657,
					Stability Check: SCV= not cycling, stable, c/w, Min Surge Margin: DP#6 @ 1659,
	1705	:40 1:00			rtl, S/D.
1710	1750	:40 1:40	3		D/C A/S=33 sec. Load Cycles: DP#7@ 1720, DP#8@ 1730, DP#9@ 1745, rtl, S/D.
					Unit Stripped, filters replaced, oil level and magplug ok, unit washed down.
1810	1820	:10 1:50	4		D/C A/S=34 sec. Leak Check: no leaks, no faults, unit preserved with 1010, S/D.
					DMM set to -1 offset, verified 54 gallons used, BITE check ok.
					Unit Accepted
					FT 16
		TOTAL			

11/9/2016 Overhaul ATP for ENGINE S/N P6767
WINDMM.EXE Version 3.04 131-9B Production Version 03.10

1	Item Count	126	126 NUMBER ENTRIES IN DMM
2	SW Version	0	0 ECU / DMM COMPATIBILITY SOFTWARE VERSION (SV)
3	APUser.pre	P	P APU SERIAL NUMBER PREFIX
4	APUser.num1	00	00 APU SERIAL NUMBER (FIRST 2 DIGITS)
5	APUser.num2	00	00 APU SERIAL NUMBER (NEXT 2 DIGITS)
6	APUser.num3	67	67 APU SERIAL NUMBER (NEXT 2 DIGITS)
7	APUser.num4	67	67 APU SERIAL NUMBER (LAST 2 DIGITS)
8	APUser.suf		APU SERIAL NUMBER (SUFFIX 2 DIGITS)
9	APUhours	12785	12785 HOURS
10	APUminutes	37	37 MINUTES
11	APUcycles	14500	14500 CYCLES
12	ECS_OFFSET	-100	-1 ECS OFFSET DEGREES (SV)
13	FUELOFF100	0	0 FUEL FLOW OFFSET AT 100 POUNDS PPH (SV)
14	FUELOFF200	0	0 FUEL FLOW OFFSET AT 200 PPH (SV)
15	ABSTARTS	0	0 NUMBER OF UNSUCCESSFUL STARTS (SV)
16	APU_OPTIONS	0	0 APU OPTION FLAGS
17	FLTSTRT	0	0 NUMBER OF INFLIGHT STARTS (SV)
18	ABFLTSTRT	0	0 NUMBER OF UNSUCCESSFUL INFLIGHT STARTS (SV)
19	TURB_CYCLES	290	290 CYCLES SINCE TURBINE REPAIR (TB)
20	LC_CYCLES	290	290 CYCLES SINCE LOAD COMP REPAIR (LC)
21	EC_CYCLES	290	290 CYCLES SINCE ENGINE COMP REPAIR (EC)
22	CLOG_FILTER	0	0 NUMBER OF CLOGGED OIL FILTER SHUTDOWNS (SV)
23		0	0 SPARE
24		0	0 SPARE
25	INSTALLHR	0	0 TIME SINCE AIRPLANE INSTALLATION HOURS (SV)
26	INSTALLMIN	0	0 TIME SINCE AIRPLANE INSTALLATION MINUTES (SV)
27	ECSHOURS	0	0 OPERATING TIME IN ECS HOURS (SV)
28	ECSMINUTES	0	0 OPERATING TIME IN ECS MINUTES (SV)
29	FLTHOURS	0	0 OPERATING TIME IN FLIGHT HOURS (SV)
30	FLTMINUTES	0	0 OPERATING TIME IN FLIGHT MINUTES (SV)
31	HOTTIME	0	0 OPERATING HOURS T2 GREATER 100 DEGF (SV)
32	COLDTIME	0	0 OPERATING HOURS T2 LESS 0 DEGF (SV)
33	NMES	0	0 NUMBER OF MAIN ENGINE STARTS (SV)
34	HIGHSTRT	0	0 NUMBER OF START ATTEMPTS ABOVE 25000 FT (SV)
35	BRRSTRT	0	0 NUMBER OF STARTS OILTEMP LESS 0 DEGF (SV)
36	BRRRRSTRT	0	0 NUMBER OF STARTS OILTEMP LESS -40 DEGF (SV)
37	LOWOILPR	0	0 NUMBER OF LOW OIL PRESSURE SHUTDOWNS (SV)
38	NUM3LOP	0	0 NUMBER OF 3 CONSECUTIVE LOP SHUTDOWNS (SV)
39	CONSECLOP	0	0 NUMBER OF CONSECUTIVE LOP SHUTDOWNS (SV)
40	HOT	0	0 NUMBER OF HIGH OIL TEMPERATURE SHUTDOWNS (SV)
41	OVRTMPGOV	0	0 NUMBER OF ONSPEED OVERTEMP SHUTDOWNS (SV)
42	OVRTMPSTRT	0	0 NUMBER OF STARTING OVERTEMP SHUTDOWNS (SV)
43	REVFLOW	0	0 NUMBER OF REVERSE FLOW SHUTDOWNS (SV)
44	NOACCEL	0	0 NUMBER OF NO ACCELERATION SHUTDOWNS (SV)
45	OVERSPEED	0	0 NUMBER OF OVERSPEED SHUTDOWNS (SV)
46	UNDERSPEED	0	0 NUMBER OF UNDERSPEED SHUTDOWNS (SV)
47	INFLTSD	0	0 NUMBER OF INFLIGHT SHUTDOWNS (SV)
48	AKWECS(1)	0	0 AVERAGE GEN LOAD ECS KW * (SV)
49	AKWECS(2)	0	0 AVERAGE GEN LOAD ECS KW (SV)
50	AKWMES(1)	0	0 AVERAGE GEN LOAD MES KW * (SV)
51	AKWMES(2)	0	0 AVERAGE GEN LOAD MES KW (SV)
52	AKWFLT(1)	0	0 AVERAGE GEN LOAD INFLIGHT KW * (SV)
53	AKWFLT(2)	0	0 AVERAGE GEN LOAD INFLIGHT KW (SV)
54	AT4ECS(1)	0	0 AVERAGE T4 ECS DEG F* (SV)
55	AT4ECS(2)	0	0 AVERAGE T4 ECS DEG F (SV)
56	AT4MES(1)	0	0 AVERAGE T4 MES DEG F* (SV)
57	AT4MES(2)	0	0 AVERAGE T4 MES DEG F (SV)
58	AT4FLT(1)	0	0 AVERAGE T4 INFLIGHT DEG F* (SV)
59	AT4FLT(2)	0	0 AVERAGE T4 INFLIGHT DEG F (SV)
60	T1800	0	0 HOURS T4 > 1800 DEG F (TB)
61	T1850	0	0 HOURS T4 > 1850 DEG F (TB)
62	T1900	0	0 HOURS T4 > 1900 DEG F (TB)
63	T1950	0	0 HOURS T4 > 1950 DEG F (TB)
64	T2000	0	0 HOURS T4 > 2000 DEG F (TB)
65	RECT4R	17046	1704.600 HIGHEST T4 ONSPEED DEGF (TB)
66	RECT5S	16548	1654.800 HIGHEST T5 DURING START DEGF (TB)
67	ABRTCLDN	0	0 NUMBER OF ABORTED COOLDOWNS (SV)
68	CT5ATP	10875	1008.750 AVERAGE CORR T5 DURING MES DEGF (TB)
69	MDNCT5ATP	10174	1001.740 MAIDEN CORR T5 DURING MES DEGF (TB)
70	CT5ATPXX500	0	900 CORR T5 MES AT XX500 HOURS DEGF
71	CT5ATPX1000	0	900 CORR T5 MES AT X1000 HOURS DEGF
72	CT5ATPX1500	0	900 CORR T5 MES AT X1500 HOURS DEGF
73	CT5ATPX2000	0	900 CORR T5 MES AT X2000 HOURS DEGF
74	CT5ATPX2500	9421	994.210 CORR T5 MES AT X2500 HOURS DEGF
75	CT5ATPX3000	0	900 CORR T5 MES AT X3000 HOURS DEGF
76	CT5ATPX3500	0	900 CORR T5 MES AT X3500 HOURS DEGF
77	CT5ATPX4000	0	900 CORR T5 MES AT X4000 HOURS DEGF
78	CT5ATPX4500	0	900 CORR T5 MES AT X4500 HOURS DEGF
79	CT5ATPX5000	0	900 CORR T5 MES AT X5000 HOURS DEGF

80	CT5ATPX6000	0	900	CORR T5 MES AT X6000 HOURS DEGF
81	CT5ATPX7000	0	900	CORR T5 MES AT X7000 HOURS DEGF
82	CT5ATPX8000	0	900	CORR T5 MES AT X8000 HOURS DEGF
83	CT5ATPX9000	0	900	CORR T5 MES AT X9000 HOURS DEGF
84	CT5ATPX0000	0	900	CORR T5 MES AT X10000 HOURS DEGF
85	CPTATP	54591	54.591	AVERAGE CORR PT DURING MES PSIA (LC)
86	MDNCPTATP	54071	54.071	MAIDEN CORR PT DURING MES PSIA (LC)
87	CPTATPXX500	0	0	CORR PT DURING MES AT XX500 HOURS PSIA
88	CPTATPX1000	0	0	CORR PT DURING MES AT X1000 HOURS PSIA
89	CPTATPX1500	0	0	CORR PT DURING MES AT X1500 HOURS PSIA
90	CPTATPX2000	0	0	CORR PT DURING MES AT X2000 HOURS PSIA
91	CPTATPX2500	54096	54.096	CORR PT DURING MES AT X2500 HOURS PSIA
92	CPTATPX3000	0	0	CORR PT DURING MES AT X3000 HOURS PSIA
93	CPTATPX3500	0	0	CORR PT DURING MES AT X3500 HOURS PSIA
94	CPTATPX4000	0	0	CORR PT DURING MES AT X4000 HOURS PSIA
95	CPTATPX4500	0	0	CORR PT DURING MES AT X4500 HOURS PSIA
96	CPTATPX5000	0	0	CORR PT DURING MES AT X5000 HOURS PSIA
97	CPTATPX6000	0	0	CORR PT DURING MES AT X6000 HOURS PSIA
98	CPTATPX7000	0	0	CORR PT DURING MES AT X7000 HOURS PSIA
99	CPTATPX8000	0	0	CORR PT DURING MES AT X8000 HOURS PSIA
100	CPTATPX9000	0	0	CORR PT DURING MES AT X9000 HOURS PSIA
101	CPTATPX0000	0	0	CORR PT DURING MES AT X10000 HOURS PSIA
102	CWFATP	0	0	AVERAGE CORR FUEL FLOW DURING MES PPH (SV)
103	MDNCWFATP	0	0	MAIDEN CORR FUEL FLOW DURING MES PPH (SV)
104	CWFATPXX500	0	0	ORR FUEL FLOW MES AT XX500 HOURS PPH
105	CWFATPX1000	0	0	CORR FUEL FLOW MES AT X1000 HOURS PPH
106	CWFATPX1500	0	0	CORR FUEL FLOW MES AT X1500 HOURS PPH
107	CWFATPX2000	0	0	CORR FUEL FLOW MES AT X2000 HOURS PPH
108	CWFATPX2500	26613	266.130	CORR FUEL FLOW MES AT X2500 HOURS PPH
109	CWFATPX3000	0	0	CORR FUEL FLOW MES AT X3000 HOURS PPH
110	CWFATPX3500	0	0	CORR FUEL FLOW MES AT X3500 HOURS PPH
111	CWFATPX4000	0	0	CORR FUEL FLOW MES AT X4000 HOURS PPH
112	CWFATPX4500	0	0	CORR FUEL FLOW MES AT X4500 HOURS PPH
113	CWFATPX5000	0	0	CORR FUEL FLOW MES AT X5000 HOURS PPH
114	CWFATPX6000	0	0	CORR FUEL FLOW MES AT X6000 HOURS PPH
115	CWFATPX7000	0	0	CORR FUEL FLOW MES AT X7000 HOURS PPH
116	CWFATPX8000	0	0	CORR FUEL FLOW MES AT X8000 HOURS PPH
117	CWFATPX9000	0	0	CORR FUEL FLOW MES AT X9000 HOURS PPH
118	CWFATPX0000	0	0	CORR FUEL FLOW MES AT X10000 HOURS PPH
119	IGVATP	9010	90.100	IGV POSITION DURING MES DEGREES
120	NLOADSHED	0	0	NUMBER OF LOADSHED OCCURANCES (SV)
121	LOADSHED8P3	0	0	NUMBER OF LOADSHEDS P2 LESS 8.3 PSIA (SV)
122	LOADSHED5P2	0	0	NUMBER OF LOADSHEDS P2 LESS 5.2 PSIA (SV)
123	SPDROOPS	0	0	NUMBER OF SPEED DROOPS BELOW 85% SPEED (SV)
124	OVRHAUL_HR	0	0	HOURS SINCE LAST SHOP VISIT (SV)
125	OVRHAUL_MIN	0	0	MINUTES SINCE LAST SHOP VISIT (SV)
126	APU_HOURS_H	0	0	APU HOURS HIGH (ADD TO APUHOURS ENTRY 9)

1. Approving Civil Aviation Authority/Country:	2.	3. Form Tracking Number:
FAA/United States	**AUTHORIZED RELEASE CERTIFICATE** **FAA Form 8130-3, AIRWORTHINESS APPROVAL TAG**	20160002256874Y15 326656212

4. Organization Name and Address:		5. Work Order/Contract/Invoice Number:
Honeywell International Inc 1944 E Sky Harbor Circle PHOENIX AZ 85034	Repair Station ZN3R030M	7178073 326640215 Page 1 of 1

6.Item:	7. Description:	8. Part Number:	9. Quantity:	10. Serial Number:	11. Status / Work:
001	VALVE, CONTROL, SURGE	3291238-2	1	2955	INSPECTED

12. Remarks:

THE SERVICE SPECIFIED HAS BEEN ACCOMPLISHED IN ACCORDANCE WITH:
IRM 49-26-85 REV 30, MAR/22/2016

GENERAL VISUAL INSPECTION ACCOMPLISHED.

SEE ATTACHED DOCUMENTS AS APPLICABLE FOR WORK PERFORMED

HONEYWELL CERTIFIES THAT THE WORK SPECIFIED IN BLOCK 11/12 WAS CARRIED OUT IN ACCORDANCE WITH EASA PART 145 AND IN RESPECT TO THAT WORK THE COMPONENT IS CONSIDERED READY FOR RELEASE TO SERVICE UNDER EASA PART 145 APPROVAL NO. EASA 145.4136

13a. Certifies the items identified above were manufactured in conformity to:		14a. ☒ 14 CFR 43.9 Return to Service ☒ Other regulation specified in Block 12	
☐ Approved design data and are in a condition for safe operation. ☐ Non-approved design data specified in Block 12.		Certifies that unless otherwise specified in Block 12, the work identified in Block 11 and described in Block 12 was accomplished in accordance with Title 14, Code of Federal Regulations, part 43 and in respect to that work, the items are approved for return to service.	
13b. Authorized Signature:	13c. Approval/Authorization No.:	14b. Authorized Signature:	14c. Approval/Certificate No.: **ZN3R030M**
13d. Name (Typed or Printed):	13e. Date(dd/mmm/yyyy):	14d. Name (Typed or Printed): **Joel Alonso**	14e. Date(dd/mmm/yyyy): **09/NOV/2016**

User / Installer Responsibilities

It is important to understand that the existence of this document alone does not automatically constitute authority to install the aircraft engine/propeller/article. Where the user/installer performs work in accordance with the national regulations of an airworthiness authority different than the airworthiness authority of the country specified in Block1, it is essential that the user/installer ensures that his/her airworthiness authority accepts aircraft engine(s)/propeller(s)/article(s) from the airworthiness authority of the country specified in Block1. Statements in Blocks 13a and 14a do not constitute installation certification. In all cases, aircraft maintenance records must contain an installation certification issued in accordance with the national regulations by the user/installer before the aircraft may be flown.

1. Approving Civil Aviation Authority/Country:	2.	3. Form Tracking Number:
FAA/United States	**AUTHORIZED RELEASE CERTIFICATE** **FAA Form 8130-3, AIRWORTHINESS APPROVAL TAG**	20160002256876Y15 326656214

4. Organization Name and Address:		5. Work Order/Contract/Invoice Number:
Honeywell International Inc 1944 E Sky Harbor Circle PHOENIX AZ 85034	Repair Station ZN3R030M	7178073 326640215 Page 1 of 1

6.Item:	7. Description:	8. Part Number:	9. Quantity:	10. Serial Number:	11. Status / Work:
001	CONTROL FUEL	441921-5	1	CUC11798	INSPECTED

12. Remarks:

THE SERVICE SPECIFIED HAS BEEN ACCOMPLISHED IN ACCORDANCE WITH:
IRM 49-26-85 REV 30, MAR/22/2016

GENERAL VISUAL INSPECTION ACCOMPLISHED.

SEE ATTACHED DOCUMENTS AS APPLICABLE FOR WORK PERFORMED

HONEYWELL CERTIFIES THAT THE WORK SPECIFIED IN BLOCK 11/12 WAS CARRIED OUT IN ACCORDANCE WITH EASA PART 145 AND IN RESPECT TO THAT WORK THE COMPONENT IS CONSIDERED READY FOR RELEASE TO SERVICE UNDER EASA PART 145 APPROVAL NO. EASA 145.4136

13a. Certifies the items identified above were manufactured in conformity to:		14a. ☒ 14 CFR 43.9 Return to Service ☒ Other regulation specified in Block 12	
☐ Approved design data and are in a condition for safe operation. ☐ Non-approved design data specified in Block 12.		Certifies that unless otherwise specified in Block 12, the work identified in Block 11 and described in Block 12 was accomplished in accordance with Title 14, Code of Federal Regulations, part 43 and in respect to that work, the items are approved for return to service.	
13b. Authorized Signature:	13c. Approval/Authorization No.:	14b. Authorized Signature:	14c. Approval/Certificate No.: **ZN3R030M**
13d. Name (Typed or Printed):	13e. Date(dd/mmm/yyyy):	14d. Name (Typed or Printed): **Joel Alonso**	14e. Date(dd/mmm/yyyy): **09/NOV/2016**

User / Installer Responsibilities

It is important to understand that the existence of this document alone does not automatically constitute authority to install the aircraft engine/propeller/article. Where the user/installer performs work in accordance with the national regulations of an airworthiness authority different than the airworthiness authority of the country specified in Block1, it is essential that the user/installer ensures that his/her airworthiness authority accepts aircraft engine(s)/propeller(s)/article(s) from the airworthiness authority of the country specified in Block1. Statements in Blocks 13a and 14a do not constitute installation certification. In all cases, aircraft maintenance records must contain an installation certification issued in accordance with the national regulations by the user/installer before the aircraft may be flown.

1. Approving Civil Aviation Authority/Country:	2.	3. Form Tracking Number:
FAA/United States	**AUTHORIZED RELEASE CERTIFICATE** **FAA Form 8130-3, AIRWORTHINESS APPROVAL TAG**	20160002256877Y15 326655789

4. Organization Name and Address:		5. Work Order/Contract/Invoice Number:
Honeywell International Inc 1944 E Sky Harbor Circle PHOENIX AZ 85034	Repair Station ZN3R030M	7178073 326640215 Page 1 of 1

6.Item:	7. Description:	8. Part Number:	9. Quantity:	10. Serial Number:	11. Status / Work:
001	DATA MEMORY MODULE	3876287-1	1	GE3040	INSPECTED

12. Remarks:

THE SERVICE SPECIFIED HAS BEEN ACCOMPLISHED IN ACCORDANCE WITH:
IRM 49-26-85 REV 30, MAR/22/2016

GENERAL VISUAL INSPECTION ACCOMPLISHED.

SEE ATTACHED DOCUMENTS AS APPLICABLE FOR WORK PERFORMED

HONEYWELL CERTIFIES THAT THE WORK SPECIFIED IN BLOCK 11/12 WAS CARRIED OUT IN ACCORDANCE WITH EASA PART 145 AND IN RESPECT TO THAT WORK THE COMPONENT IS CONSIDERED READY FOR RELEASE TO SERVICE UNDER EASA PART 145 APPROVAL NO. EASA 145.4136

13a. Certifies the items identified above were manufactured in conformity to:		14a. ☒ 14 CFR 43.9 Return to Service ☒ Other regulation specified in Block 12	
☐ Approved design data and are in a condition for safe operation. ☐ Non-approved design data specified in Block 12.		Certifies that unless otherwise specified in Block 12, the work identified in Block 11 and described in Block 12 was accomplished in accordance with Title 14, Code of Federal Regulations, part 43 and in respect to that work, the items are approved for return to service.	
13b. Authorized Signature:	13c. Approval/Authorization No.:	14b. Authorized Signature:	14c. Approval/Certificate No.: **ZN3R030M**
13d. Name (Typed or Printed):	13e. Date(dd/mmm/yyyy):	14d. Name (Typed or Printed): **Joel Alonso**	14e. Date(dd/mmm/yyyy): **09/NOV/2016**

User / Installer Responsibilities

It is important to understand that the existence of this document alone does not automatically constitute authority to install the aircraft engine/propeller/article. Where the user/installer performs work in accordance with the national regulations of an airworthiness authority different than the airworthiness authority of the country specified in Block1, it is essential that the user/installer ensures that his/her airworthiness authority accepts aircraft engine(s)/propeller(s)/article(s) from the airworthiness authority of the country specified in Block1. Statements in Blocks 13a and 14a do not constitute installation certification. In all cases, aircraft maintenance records must contain an installation certification issued in accordance with the national regulations by the user/installer before the aircraft may be flown.

1. Approving Civil Aviation Authority/Country:	2.	3. Form Tracking Number:
FAA/United States	**AUTHORIZED RELEASE CERTIFICATE** **FAA Form 8130-3, AIRWORTHINESS APPROVAL TAG**	20160002256881Y15 326655788

4. Organization Name and Address:		5. Work Order/Contract/Invoice Number:
Honeywell International Inc 1944 E Sky Harbor Circle PHOENIX AZ 85034	Repair Station ZN3R030M	7178073 326640215 Page 1 of 1

6.Item:	7. Description:	8. Part Number:	9. Quantity:	10. Serial Number:	11. Status / Work:
001	EXCITER, IGNITION	3888058-7	1	131018	INSPECTED

12. Remarks:

THE SERVICE SPECIFIED HAS BEEN ACCOMPLISHED IN ACCORDANCE WITH:
IRM 49-26-85 REV 30, MAR/22/2016

GENERAL VISUAL INSPECTION ACCOMPLISHED.

SEE ATTACHED DOCUMENTS AS APPLICABLE FOR WORK PERFORMED

HONEYWELL CERTIFIES THAT THE WORK SPECIFIED IN BLOCK 11/12 WAS CARRIED OUT IN ACCORDANCE WITH EASA PART 145 AND IN RESPECT TO THAT WORK THE COMPONENT IS CONSIDERED READY FOR RELEASE TO SERVICE UNDER EASA PART 145 APPROVAL NO. EASA 145.4136

13a. Certifies the items identified above were manufactured in conformity to:		14a. ☒ 14 CFR 43.9 Return to Service ☒ Other regulation specified in Block 12	
☐ Approved design data and are in a condition for safe operation. ☐ Non-approved design data specified in Block 12.		Certifies that unless otherwise specified in Block 12, the work identified in Block 11 and described in Block 12 was accomplished in accordance with Title 14, Code of Federal Regulations, part 43 and in respect to that work, the items are approved for return to service.	
13b. Authorized Signature:	13c. Approval/Authorization No.:	14b. Authorized Signature:	14c. Approval/Certificate No.: **ZN3R030M**
13d. Name (Typed or Printed):	13e. Date(dd/mmm/yyyy):	14d. Name (Typed or Printed): **Joel Alonso**	14e. Date(dd/mmm/yyyy): **09/NOV/2016**

User / Installer Responsibilities

It is important to understand that the existence of this document alone does not automatically constitute authority to install the aircraft engine/propeller/article. Where the user/installer performs work in accordance with the national regulations of an airworthiness authority different than the airworthiness authority of the country specified in Block1, it is essential that the user/installer ensures that his/her airworthiness authority accepts aircraft engine(s)/propeller(s)/article(s) from the airworthiness authority of the country specified in Block1. Statements in Blocks 13a and 14a do not constitute installation certification. In all cases, aircraft maintenance records must contain an installation certification issued in accordance with the national regulations by the user/installer before the aircraft may be flown.

1. Approving Civil Aviation Authority/Country:	2.	3. Form Tracking Number:
FAA/United States	**AUTHORIZED RELEASE CERTIFICATE** **FAA Form 8130-3, AIRWORTHINESS APPROVAL TAG**	20160002256885Y15 326656216

4. Organization Name and Address:		5. Work Order/Contract/Invoice Number:
Honeywell International Inc 1944 E Sky Harbor Circle PHOENIX AZ 85034	Repair Station ZN3R030M	7178073 326640215 Page 1 of 1

6.Item:	7. Description:	8. Part Number:	9. Quantity:	10. Serial Number:	11. Status / Work:
001	COOLER OIL	160564-2	1	5016	INSPECTED

12. Remarks:

THE SERVICE SPECIFIED HAS BEEN ACCOMPLISHED IN ACCORDANCE WITH:
IRM 49-26-85 REV 30, MAR/22/2016

GENERAL VISUAL INSPECTION ACCOMPLISHED.

SEE ATTACHED DOCUMENTS AS APPLICABLE FOR WORK PERFORMED

HONEYWELL CERTIFIES THAT THE WORK SPECIFIED IN BLOCK 11/12 WAS CARRIED OUT IN ACCORDANCE WITH EASA PART 145 AND IN RESPECT TO THAT WORK THE COMPONENT IS CONSIDERED READY FOR RELEASE TO SERVICE UNDER EASA PART 145 APPROVAL NO. EASA 145.4136

13a. Certifies the items identified above were manufactured in conformity to:		14a. ☒ 14 CFR 43.9 Return to Service ☒ Other regulation specified in Block 12 Certifies that unless otherwise specified in Block 12, the work identified in Block 11 and described in Block 12 was accomplished in accordance with Title 14, Code of Federal Regulations, part 43 and in respect to that work, the items are approved for return to service.	
☐ Approved design data and are in a condition for safe operation. ☐ Non-approved design data specified in Block 12.			
13b. Authorized Signature:	13c. Approval/Authorization No.:	14b. Authorized Signature:	14c. Approval/Certificate No.: **ZN3R030M**
13d. Name (Typed or Printed):	13e. Date(dd/mmm/yyyy):	14d. Name (Typed or Printed): **Joel Alonso**	14e. Date(dd/mmm/yyyy): **09/NOV/2016**

User / Installer Responsibilities

It is important to understand that the existence of this document alone does not automatically constitute authority to install the aircraft engine/propeller/article. Where the user/installer performs work in accordance with the national regulations of an airworthiness authority different than the airworthiness authority of the country specified in Block1, it is essential that the user/installer ensures that his/her airworthiness authority accepts aircraft engine(s)/propeller(s)/article(s) from the airworthiness authority of the country specified in Block1. Statements in Blocks 13a and 14a do not constitute installation certification. In all cases, aircraft maintenance records must contain an installation certification issued in accordance with the national regulations by the user/installer before the aircraft may be flown.

1. Approving Civil Aviation Authority/Country:	2.	3. Form Tracking Number:
FAA/United States	**AUTHORIZED RELEASE CERTIFICATE** **FAA Form 8130-3, AIRWORTHINESS APPROVAL TAG**	20160002256886Y15 32665211

4. Organization Name and Address:		5. Work Order/Contract/Invoice Number:
Honeywell International Inc 1944 E Sky Harbor Circle PHOENIX AZ 85034	Repair Station ZN3R030M	7178073 326640215 Page 1 of 1

6.Item:	7. Description:	8. Part Number:	9. Quantity:	10. Serial Number:	11. Status / Work:
001	Boeing 737 APU Starter Generator	28B545-9	1	52-F0053	INSPECTED

12. Remarks:

THE SERVICE SPECIFIED HAS BEEN ACCOMPLISHED IN ACCORDANCE WITH:
IRM 49-26-85 REV 30, MAR/22/2016

GENERAL VISUAL INSPECTION ACCOMPLISHED.

SEE ATTACHED DOCUMENTS AS APPLICABLE FOR WORK PERFORMED

HONEYWELL CERTIFIES THAT THE WORK SPECIFIED IN BLOCK 11/12 WAS CARRIED OUT IN ACCORDANCE WITH EASA PART 145 AND IN RESPECT TO THAT WORK THE COMPONENT IS CONSIDERED READY FOR RELEASE TO SERVICE UNDER EASA PART 145 APPROVAL NO. EASA 145.4136

13a. Certifies the items identified above were manufactured in conformity to:	14a. ☒ 14 CFR 43.9 Return to Service ☒ Other regulation specified in Block 12
☐ Approved design data and are in a condition for safe operation. ☐ Non-approved design data specified in Block 12.	Certifies that unless otherwise specified in Block 12, the work identified in Block 11 and described in Block 12 was accomplished in accordance with Title 14, Code of Federal Regulations, part 43 and in respect to that work, the items are approved for return to service.

13b. Authorized Signature:	13c. Approval/Authorization No.:	14b. Authorized Signature:	14c. Approval/Certificate No.:
			ZN3R030M
13d. Name (Typed or Printed):	**13e. Date(dd/mmm/yyyy):**	**14d. Name (Typed or Printed):**	**14e. Date(dd/mmm/yyyy):**
		Joel Alonso	09/NOV/2016

User / Installer Responsibilities

It is important to understand that the existence of this document alone does not automatically constitute authority to install the aircraft engine/propeller/article. Where the user/installer performs work in accordance with the national regulations of an airworthiness authority different than the airworthiness authority of the country specified in Block1, it is essential that the user/installer ensures that his/her airworthiness authority accepts aircraft engine(s)/propeller(s)/article(s) from the airworthiness authority of the country specified in Block1. Statements in Blocks 13a and 14a do not constitute installation certification. In all cases, aircraft maintenance records must contain an installation certification issued in accordance with the national regulations by the user/installer before the aircraft may be flown.

1. Approving Civil Aviation Authority/Country:	2.	3. Form Tracking Number:
FAA/United States	**AUTHORIZED RELEASE CERTIFICATE** **FAA Form 8130-3, AIRWORTHINESS APPROVAL TAG**	20160002256887Y15 326656215

4. Organization Name and Address:		5. Work Order/Contract/Invoice Number:
Honeywell International Inc 1944 E Sky Harbor Circle PHOENIX AZ 85034	Repair Station ZN3R030M	7178073 326640215 Page 1 of 1

6.Item:	7. Description:	8. Part Number:	9. Quantity:	10. Serial Number:	11. Status / Work:
001	LUBE MODULE	4131020-3	1	3912	INSPECTED

12. Remarks:

THE SERVICE SPECIFIED HAS BEEN ACCOMPLISHED IN ACCORDANCE WITH:
IRM 49-26-85 REV 30, MAR/22/2016

GENERAL VISUAL INSPECTION ACCOMPLISHED.

SEE ATTACHED DOCUMENTS AS APPLICABLE FOR WORK PERFORMED

HONEYWELL CERTIFIES THAT THE WORK SPECIFIED IN BLOCK 11/12 WAS CARRIED OUT IN ACCORDANCE WITH EASA PART 145 AND IN RESPECT TO THAT WORK THE COMPONENT IS CONSIDERED READY FOR RELEASE TO SERVICE UNDER EASA PART 145 APPROVAL NO. EASA 145.4136

13a. Certifies the items identified above were manufactured in conformity to:		14a. ☒ 14 CFR 43.9 Return to Service ☒ Other regulation specified in Block 12	
☐ Approved design data and are in a condition for safe operation. ☐ Non-approved design data specified in Block 12.		Certifies that unless otherwise specified in Block 12, the work identified in Block 11 and described in Block 12 was accomplished in accordance with Title 14, Code of Federal Regulations, part 43 and in respect to that work, the items are approved for return to service.	
13b. Authorized Signature:	13c. Approval/Authorization No.:	14b. Authorized Signature:	14c. Approval/Certificate No.: **ZN3R030M**
13d. Name (Typed or Printed):	13e. Date(dd/mmm/yyyy):	14d. Name (Typed or Printed): **Joel Alonso**	14e. Date(dd/mmm/yyyy): **09/NOV/2016**

User / Installer Responsibilities

It is important to understand that the existence of this document alone does not automatically constitute authority to install the aircraft engine/propeller/article. Where the user/installer performs work in accordance with the national regulations of an airworthiness authority different than the airworthiness authority of the country specified in Block1, it is essential that the user/installer ensures that his/her airworthiness authority accepts aircraft engine(s)/propeller(s)/article(s) from the airworthiness authority of the country specified in Block1. Statements in Blocks 13a and 14a do not constitute installation certification. In all cases, aircraft maintenance records must contain an installation certification issued in accordance with the national regulations by the user/installer before the aircraft may be flown.

1. Approving Civil Aviation Authority/Country:	2.	3. Form Tracking Number:
FAA/United States	**AUTHORIZED RELEASE CERTIFICATE** **FAA Form 8130-3, AIRWORTHINESS APPROVAL TAG**	20160002256890Y15 326656213

4. Organization Name and Address:		5. Work Order/Contract/Invoice Number:
Honeywell International Inc 1944 E Sky Harbor Circle PHOENIX AZ 85034	Repair Station ZN3R030M	7178073 326640215 Page 1 of 1

6.Item:	7. Description:	8. Part Number:	9. Quantity:	10. Serial Number:	11. Status / Work:
001	VALVE OUTLINE, APU BLEED AIR, 3.50 INCH	3291214-2	1	587	INSPECTED

12. Remarks:

THE SERVICE SPECIFIED HAS BEEN ACCOMPLISHED IN ACCORDANCE WITH:
IRM 49-26-85 REV 30, MAR/22/2016

GENERAL VISUAL INSPECTION ACCOMPLISHED.

SEE ATTACHED DOCUMENTS AS APPLICABLE FOR WORK PERFORMED

HONEYWELL CERTIFIES THAT THE WORK SPECIFIED IN BLOCK 11/12 WAS CARRIED OUT IN ACCORDANCE WITH EASA PART 145 AND IN RESPECT TO THAT WORK THE COMPONENT IS CONSIDERED READY FOR RELEASE TO SERVICE UNDER EASA PART 145 APPROVAL NO. EASA 145.4136

13a. Certifies the items identified above were manufactured in conformity to:		14a. ☒ 14 CFR 43.9 Return to Service ☒ Other regulation specified in Block 12	
☐ Approved design data and are in a condition for safe operation. ☐ Non-approved design data specified in Block 12.		Certifies that unless otherwise specified in Block 12, the work identified in Block 11 and described in Block 12 was accomplished in accordance with Title 14, Code of Federal Regulations, part 43 and in respect to that work, the items are approved for return to service.	
13b. Authorized Signature:	13c. Approval/Authorization No.:	14b. Authorized Signature:	14c. Approval/Certificate No.: **ZN3R030M**
13d. Name (Typed or Printed):	13e. Date(dd/mmm/yyyy):	14d. Name (Typed or Printed): **Joel Alonso**	14e. Date(dd/mmm/yyyy): **09/NOV/2016**

User / Installer Responsibilities

It is important to understand that the existence of this document alone does not automatically constitute authority to install the aircraft engine/propeller/article. Where the user/installer performs work in accordance with the national regulations of an airworthiness authority different than the airworthiness authority of the country specified in Block1, it is essential that the user/installer ensures that his/her airworthiness authority accepts aircraft engine(s)/propeller(s)/article(s) from the airworthiness authority of the country specified in Block1. Statements in Blocks 13a and 14a do not constitute installation certification. In all cases, aircraft maintenance records must contain an installation certification issued in accordance with the national regulations by the user/installer before the aircraft may be flown.

1. Approving Civil Aviation Authority/Country:	2.	3. Form Tracking Number:
FAA/United States	**AUTHORIZED RELEASE CERTIFICATE** **FAA Form 8130-3, AIRWORTHINESS APPROVAL TAG**	20160002256891Y15 326655790

4. Organization Name and Address:		5. Work Order/Contract/Invoice Number:
Honeywell International Inc 1944 E Sky Harbor Circle PHOENIX AZ 85034	Repair Station ZN3R030M	7178073 326640215 Page 1 of 1

6.Item:	7. Description:	8. Part Number:	9. Quantity:	10. Serial Number:	11. Status / Work:
001	ACTUATOR, INLET GUIDE VANE	3886188-3	1	6021	INSPECTED

12. Remarks:

THE SERVICE SPECIFIED HAS BEEN ACCOMPLISHED IN ACCORDANCE WITH:
IRM 49-26-85 REV 30, MAR/22/2016

GENERAL VISUAL INSPECTION ACCOMPLISHED.

SEE ATTACHED DOCUMENTS AS APPLICABLE FOR WORK PERFORMED

HONEYWELL CERTIFIES THAT THE WORK SPECIFIED IN BLOCK 11/12 WAS CARRIED OUT IN ACCORDANCE WITH EASA PART 145 AND IN RESPECT TO THAT WORK THE COMPONENT IS CONSIDERED READY FOR RELEASE TO SERVICE UNDER EASA PART 145 APPROVAL NO. EASA 145.4136

13a. Certifies the items identified above were manufactured in conformity to:		14a. ☒ 14 CFR 43.9 Return to Service ☒ Other regulation specified in Block 12	
☐ Approved design data and are in a condition for safe operation. ☐ Non-approved design data specified in Block 12.		Certifies that unless otherwise specified in Block 12, the work identified in Block 11 and described in Block 12 was accomplished in accordance with Title 14, Code of Federal Regulations, part 43 and in respect to that work, the items are approved for return to service.	
13b. Authorized Signature:	13c. Approval/Authorization No.:	14b. Authorized Signature:	14c. Approval/Certificate No.: **ZN3R030M**
13d. Name (Typed or Printed):	13e. Date(dd/mmm/yyyy):	14d. Name (Typed or Printed): **Joel Alonso**	14e. Date(dd/mmm/yyyy): **09/NOV/2016**

User / Installer Responsibilities

It is important to understand that the existence of this document alone does not automatically constitute authority to install the aircraft engine/propeller/article. Where the user/installer performs work in accordance with the national regulations of an airworthiness authority different than the airworthiness authority of the country specified in Block1, it is essential that the user/installer ensures that his/her airworthiness authority accepts aircraft engine(s)/propeller(s)/article(s) from the airworthiness authority of the country specified in Block1. Statements in Blocks 13a and 14a do not constitute installation certification. In all cases, aircraft maintenance records must contain an installation certification issued in accordance with the national regulations by the user/installer before the aircraft may be flown.

1. Approving Civil Aviation Authority/Country:	2.	3. Form Tracking Number:
FAA/United States	**AUTHORIZED RELEASE CERTIFICATE** **FAA Form 8130-3, AIRWORTHINESS APPROVAL TAG**	20160002256893Y15 326656217

4. Organization Name and Address:		5. Work Order/Contract/Invoice Number:
Honeywell International Inc 1944 E Sky Harbor Circle PHOENIX AZ 85034	Repair Station ZN3R030M	7178073 326640215 Page 1 of 1

6.Item:	7. Description:	8. Part Number:	9. Quantity:	10. Serial Number:	11. Status / Work:
001	VALVE, TEMPERATURE CONTROL- OUTLINE	160550-1	1	2053	INSPECTED

12. Remarks:

THE SERVICE SPECIFIED HAS BEEN ACCOMPLISHED IN ACCORDANCE WITH:
IRM 49-26-85 REV 30, MAR/22/2016

GENERAL VISUAL INSPECTION ACCOMPLISHED.

SEE ATTACHED DOCUMENTS AS APPLICABLE FOR WORK PERFORMED

HONEYWELL CERTIFIES THAT THE WORK SPECIFIED IN BLOCK 11/12 WAS CARRIED OUT IN ACCORDANCE WITH EASA PART 145 AND IN RESPECT TO THAT WORK THE COMPONENT IS CONSIDERED READY FOR RELEASE TO SERVICE UNDER EASA PART 145 APPROVAL NO. EASA 145.4136

13a. Certifies the items identified above were manufactured in conformity to:		14a. ☒ 14 CFR 43.9 Return to Service ☒ Other regulation specified in Block 12	
☐ Approved design data and are in a condition for safe operation. ☐ Non-approved design data specified in Block 12.		Certifies that unless otherwise specified in Block 12, the work identified in Block 11 and described in Block 12 was accomplished in accordance with Title 14, Code of Federal Regulations, part 43 and in respect to that work, the items are approved for return to service.	
13b. Authorized Signature:	13c. Approval/Authorization No.:	14b. Authorized Signature:	14c. Approval/Certificate No.: **ZN3R030M**
13d. Name (Typed or Printed):	13e. Date(dd/mmm/yyyy):	14d. Name (Typed or Printed): **Joel Alonso**	14e. Date(dd/mmm/yyyy): **09/NOV/2016**

User / Installer Responsibilities

It is important to understand that the existence of this document alone does not automatically constitute authority to install the aircraft engine/propeller/article. Where the user/installer performs work in accordance with the national regulations of an airworthiness authority different than the airworthiness authority of the country specified in Block1, it is essential that the user/installer ensures that his/her airworthiness authority accepts aircraft engine(s)/propeller(s)/article(s) from the airworthiness authority of the country specified in Block1. Statements in Blocks 13a and 14a do not constitute installation certification. In all cases, aircraft maintenance records must contain an installation certification issued in accordance with the national regulations by the user/installer before the aircraft may be flown.

Priority Pick List

11/08/2016 7:31:52 AM

5010392064

Order Id: 0004973209 **Kit Number:**
Consolidation Point Id: AZ17PR46
Final

Delivery/SVO #: 5010392064
Delivery Date: 11/22/2016
Carrier:
Entry Date/Time: 11/08/2016
Priority: 5
FAA Inspect:
Ship To:
Entered By: e089495
LLC_Flag:
COFC_Flag:
DD250_Flag:

APMAIN / APSTAGE / APU-Staging / GTCP131-9B / P-6767

Honeywell certifies that the product(s) described hereon confirm to the applicable requirements and were procured, manufactured, or processed in accordance with Honeywell Quality Assurance system approved by the United States Government where applicable.

Alex Roque

Authorized Signature - Quality Assurance, Honeywell

Ll	Sku_Id	Description	Order Qty	Lot Id	Alloc Qty	Actual Qty	Variance Qty	Aisle Id	Line Item Status	Batch Number	COO	ROO
1	C_3880938-1_A	ELEMENT FLTR OIL	2	None	2	2		03	Complete	0004134620	US	

AI 10

11/08/16

1 pick(s)

Priority Pick List
11/08/2016 7:35:27 AM

5010392064

Order Id: 0004973208 **Kit Number:**
Consolidation Point Id: AZ17PR46
Final

Delivery/SVO #: 5010392064 **Delivery Date:** 11/22/2016 **Carrier:**
Entry Date/Time: 11/08/2016 **Priority:** 5 **FAA Inspect:**
Ship To: **Entered By:** e089495
LLC_Flag: **COFC_Flag:** **DD250_Flag:**

APMAIN / APSTAGE / APU-Staging / GTCP131-9B / P-6767

Honeywell certifies that the product(s) described hereon confirm to the applicable requirements and were procured, manufactured, or processed in accordance with Honeywell Quality Assurance system approved by the United States Government where applicable.

Alex Roque

Authorized Signature - Quality Assurance, Honeywell

Ll	Sku_Id	Description	Order Qty	Lot Id	Alloc Qty	Actual Qty	Variance Qty	Aisle Id	Line Item Status	Batch Number	COO	ROO
1	C_2685336_A	FILTER FUEL	1	None	1	1		03	Complete		US	

AI 10

11/02/16

1 pick(s)

ANALYTICAL CHECK SHEET FORM

Honeywell

Repair Facility :Phoenix - Sky Harbor Honeywell International Inc 1944 E Sky Harbor Circle PHOENIX AZ 85034

Customer PO : 7178073
Notification No: 000326640215
Outline No : 3800702-1
Mod To Outline. :3800702-1

Customer : ENGRNTL01 MRO PHOENIX- ENGINES RENTAL BANK
Service Order No : 5010392064 **Sales Order No :** 7190620
Serial No: P-6767
Mod to S/N : P-6767 **Model No. :** 131-9B

	Material	Serial No.	Disp	Qty	Description	Service Order #
IN	3800702-1	P-6767	M	0	ENGINE OUTLINE, GAS TURBINE	5010392064
OUT	3800702-1	P-6767	M			

REWORK CODE : LFS
CONDITION CODE : **ACCT IND :**

ANALYST REMARKS :

	Material	Serial No.	Disp	Qty	Description	Service Order #
IN	..3291238-2	2955	U	1	VALVE, CONTROL, SURGE	
OUT	3291238-2	2955	U			

REWORK CODE :
CONDITION CODE : **ACCT IND :**

ANALYST REMARKS :

	Material	Serial No.	Disp	Qty	Description	Service Order #
IN	..28B545-9	52-F0053	U	1	Boeing 737 APU Starter Generator	
OUT	28B545-9	52-F0053	U			

REWORK CODE :
CONDITION CODE : **ACCT IND :**

ANALYST REMARKS :

	Material	Serial No.	Disp	Qty	Description	Service Order #
IN	..3876298-3	1316222105146	U	1	SENSOR OIL LVL	
OUT	3876298-3	1316222105146	U			

REWORK CODE :
CONDITION CODE : **ACCT IND :**

ANALYST REMARKS :

	Material	Serial No.	Disp	Qty	Description	Service Order #
IN	..441921-5	CUC11798	O	1	CONTROL FUEL	
OUT	441921-5	CUC11798	O			

REWORK CODE :
CONDITION CODE : **ACCT IND :**

ANALYST REMARKS :

	Material	Serial No.	Disp	Qty	Description	Service Order #
IN	...2685336		N	1	FILTER, FUEL	
OUT	2685336		N			

REWORK CODE :
CONDITION CODE : 6360 100% upon Removal **ACCT IND :**

ANALYST REMARKS :

ANALYTICAL CHECK SHEET FORM

Honeywell

Repair Facility :Phoenix - Sky Harbor Honeywell International Inc 1944 E Sky Harbor Circle PHOENIX AZ 85034

Customer PO : 7178073
Notification No: 000326640215
Outline No : 3800702-1
Mod To Outline. :3800702-1

Customer : ENGRNTL01 MRO PHOENIX- ENGINES RENTAL BANK
Service Order No : 5010392064 **Sales Order No :** 7190620
Serial No: P-6767
Mod to S/N : P-6767 **Model No. :** 131-9B

	Material	Serial No.	Disp	Qty	Description	Service Order #
IN	..4131020-3	3912	O	1	LUBE MODULE	
OUT	4131020-3	3912	O			

REWORK CODE :
CONDITION CODE : **ACCT IND :**

ANALYST REMARKS :

	Material	Serial No.	Disp	Qty	Description	Service Order #
IN	...3880938-1		N	2	ELEMENT, OIL FILTER	
OUT	3880938-1		N			

REWORK CODE :
CONDITION CODE : 6360 100% upon Removal **ACCT IND :**

ANALYST REMARKS :

	Material	Serial No.	Disp	Qty	Description	Service Order #
IN	..3876287-1	GE3040	U	1	DATA MEMORY MODULE	
OUT	3876287-1	GE3040	U			

REWORK CODE :
CONDITION CODE : **ACCT IND :**

ANALYST REMARKS :

	Material	Serial No.	Disp	Qty	Description	Service Order #
IN	..3291214-2	587	U	1	VALVE OUTLINE, APU BLEED AIR, 3.50 INCH	
OUT	3291214-2	587	U			

REWORK CODE :
CONDITION CODE : **ACCT IND :**

ANALYST REMARKS :

	Material	Serial No.	Disp	Qty	Description	Service Order #
IN	..3888058-7	131018	U	1	EXCITER, IGNITION	
OUT	3888058-7	131018	U			

REWORK CODE :
CONDITION CODE : **ACCT IND :**

ANALYST REMARKS :

	Material	Serial No.	Disp	Qty	Description	Service Order #
IN	..3886188-3	6021	U	1	ACTUATOR, INLET GUIDE VANE	
OUT	3886188-3	6021	U			

REWORK CODE :
CONDITION CODE : **ACCT IND :**

ANALYST REMARKS :

ANALYTICAL CHECK SHEET FORM

Honeywell

Repair Facility :Phoenix - Sky Harbor Honeywell International Inc 1944 E Sky Harbor Circle PHOENIX AZ 85034

Customer PO : 7178073
Notification No: 000326640215
Outline No : 3800702-1
Mod To Outline. :3800702-1

Customer : ENGRNTL01 MRO PHOENIX- ENGINES RENTAL BANK
Service Order No : 5010392064 **Sales Order No :** 7190620
Serial No: P-6767
Mod to S/N : P-6767 **Model No. :** 131-9B

	Material	Serial No.	Disp	Qty	Description	Service Order #
IN	..160564-2	5016	U	1	COOLER OIL	
OUT	160564-2	5016	U			

REWORK CODE :
CONDITION CODE : **ACCT IND :**

ANALYST REMARKS :

	Material	Serial No.	Disp	Qty	Description	Service Order #
IN	..160550-1	2053	U	1	VALVE, TEMPERATURE CONTROL-OUTLINE	
OUT	160550-1	2053	U			

REWORK CODE :
CONDITION CODE : **ACCT IND :**

ANALYST REMARKS :

	Material	Serial No.	Disp	Qty	Description	Service Order #
IN	.3616850-3		O	1	PLUMBING AND ELECTRICAL ASSEMBLY, 1319-B	
OUT	3616850-3		O			

REWORK CODE :
CONDITION CODE : **ACCT IND :**

ANALYST REMARKS :

	Material	Serial No.	Disp	Qty	Description	Service Order #
IN	.3801103-5		O	1	POWER SECTION ASSY	
OUT	3801103-5		O			

REWORK CODE :
CONDITION CODE : **ACCT IND :**

ANALYST REMARKS :

THE UNIT WAS DISASSEMBLED AND INSPECTED TO THE APPROPRIATE MANUAL AND THE ITEMS NOT LISTED IN THE CHECK SHEETS HAVE BEEN VISUALLY INSPECTED PER THE APPROPRIATE MANUAL AND MEET ALL CRITERIA FOR RE-ASSEMBLY.

AI
18

11-7-2016

Honeywell

Honeywell International Inc.
Repair Station # ZN3R030M

PRELIMINARY AND HIDDEN DAMAGE INSPECTION REPORT

Notification Number : 326640216 **Customer :** MRO PHOENIX- ENGINES RENTAL BANK **Date :** 06 NOV 2016

Engine Model : 131-9B **Outline :** 3800702-1 **Engine Serial :** P-6767

Time Since Repair : 361

Primary Removal Reason : RENTAL APU REQUIRES POST-LEASE INSP

0010-Receiving Data

Logbook Received with Engine	**Yes**
Customer Hardware (Yes/No)	**Yes**
Customer Hardware	**Generator, generator seal plate**
Shipping Container	**Honeywell**
Shipping Container: Stand	**Yes**
Shipping Container: Reusable	**Yes**
Incoming Hourmeter/DMM Reading (Hrs)	**12783**
Incoming DMM Reading (Cyc)	**14496**
External Damage (if Yes, include photos)	**No**
Missing Hardware (Yes/No)	**No**
Nameplate available? If No, Stop. Notify	**Yes**
TSO Cert Available? If No, Stop. Notify	**Yes**
TSO Certificate Number	**C77A**
Nameplate Identified as Experimental/Fli	**No**
Incoming Observations	**Received QEC marked for P-5831 SO: 5010094294**

0020-General Information

Unit Condition	**Normal operational wear**

INDUCTION & ALL APPROPRIATE DOCUMENTS COMPLETED

Mechanic Signature: _____ DATE: 11/6/2016

Honeywell International Inc.
Repair Station # ZN3R030M

PRELIMINARY AND HIDDEN DAMAGE INSPECTION REPORT

Notification Number : 326640216 **Customer :** MRO PHOENIX- ENGINES RENTAL BANK **Date :** 06 NOV 2016

Engine Model : 131-9B **Outline :** 3800702-1 **Engine Serial :** P-6767

Time Since Repair : 361

Primary Removal Reason : RENTAL APU REQUIRES POST-LEASE INSP

Wiring Harness	**Normal operational wear**
Inlet Screen	**Normal operational wear**
Inlet Plenum	**Normal operational wear**
Inlet Area	**Normal operational wear**
Pneumatic Ducting Condition	**Normal operational wear**

0030-Gearbox

Monopole(s)	**Normal operational wear**
Monopole(s) Metal Contamination	**None**
G/B Mag Plug	**Clean, Normal Condition**
Oil Filter	**Clean, Normal Condition**
Engine Oil Filter Bowl Contamination	**Clean, Normal Condition**
Delta-P Indicator Extended	**No**
Generator Oil Filter	**Clean, Normal Condition**
Generator Oil Filter Bowl Contamination	**Clean, Normal Condition**
Fuel Filter	**Clean, Normal Condition**
Fuel Filter Bowl Contamination	**Clean, Normal Condition**
Oil Leakage	**No**
Oil Cooler	**Clean, Normal Condition**
G/B Rotation	**Free**

INDUCTION & ALL APPROPRIATE DOCUMENTS COMPLETED

Mechanic Signature: _____ DATE: 11/16/2016

Honeywell International Inc.
Repair Station # ZN3R030M

PRELIMINARY AND HIDDEN DAMAGE INSPECTION REPORT

Notification Number : 326640216 **Customer :** MRO PHOENIX- ENGINES RENTAL BANK **Date :** 06 NOV 2016

Engine Model : 131-9B **Outline :** 3800702-1 **Engine Serial :** P-6767

Time Since Repair : 361

Primary Removal Reason : RENTAL APU REQUIRES POST-LEASE INSP

Starter Spline Wear	**No**
Starter Rotation (off engine)	**Yes**

0040-Turbine

PS Rotation	**Free**
Combustor	**Normal operational wear**
Atomizer	**Normal operational wear**
1st T-Wheel Tips	**Normal operational wear**
2nd T-Wheel	**Normal operational wear**
2nd T-Wheel Tips	**Normal operational wear**
Thermocouple Probes	**Normal operational wear**
Probe Loose - Left	**False**
Probe Loose - Right	**False**

0060-Load Compressor

IGV Pull Test	**3**
IGV Assembly Condition	**Normal operational wear**
IGV Pull Test	**Free**

0080-Power Section

INDUCTION & ALL APPROPRIATE DOCUMENTS COMPLETED

Mechanic Signature: _____ DATE: 11/6/2016

Honeywell International Inc.
Repair Station # ZN3R030M

PRELIMINARY AND HIDDEN DAMAGE INSPECTION REPORT

Notification Number : 326640216 **Customer :** MRO PHOENIX- ENGINES RENTAL BANK **Date :** 06 NOV 2016

Engine Model : 131-9B **Outline :** 3800702-1 **Engine Serial :** P-6767

Time Since Repair : 361

Primary Removal Reason : RENTAL APU REQUIRES POST-LEASE INSP

Exhaust Plenum	**Dirty**

0090-Boroscope Inspection

E/C (1st) Impeller	**Normal operational wear**
L/C Impeller	**Normal operational wear**

INDUCTION & ALL APPROPRIATE DOCUMENTS COMPLETED

Mechanic Signature: _____ DATE: 11/6/2016

Honeywell International Inc.
Repair Station # ZN3R030M

PRELIMINARY AND HIDDEN DAMAGE INSPECTION REPORT

Notification Number : 326640216 **Customer :** MRO PHOENIX- ENGINES RENTAL BANK **Date :** 06 NOV 2016

Engine Model : 131-9B **Outline :** 3800702-1 **Engine Serial :** P-6767

Time Since Repair : 361

Primary Removal Reason : RENTAL APU REQUIRES POST-LEASE INSP

Parts Received

Nomenclature	Alternate Part No.	Dash No.	Serial Number	Series	Comments
28B545 | QEC Start/Generator		9	52-F0053		
3888448 | QEC Generator Wireharness		1			
3888449 | EK Wiring Harness		U1NR	U1NR		
3291238 | Surge Valve		2	2955		
3291214 | Bleed Valve		2	587		
4131020 | Lube Module		3	3912		
441921 | Fuel Control		5	CUC11798		
692546 | Solenoid Valve		4	10549		
160564 | Oil Cooler		2	5016		
160550 | Temp Control Valve		1	2053		
3876298 | EK Oil Level Sensor		3	1316222105146		
3876255 | EK Low Oil Press Switch		2	1103P0911-02		
3876271 | EK Thermocouple (1 of 2)		1	50413-0400727		

INDUCTION & ALL APPROPRIATE DOCUMENTS COMPLETED

Mechanic Signature: Bradley Estes DATE: 11/6/2016

Honeywell International Inc.
Repair Station # ZN3R030M

PRELIMINARY AND HIDDEN DAMAGE INSPECTION REPORT

Notification Number : 326640216 **Customer :** MRO PHOENIX- ENGINES RENTAL BANK **Date :** 06 NOV 2016

Engine Model : 131-9B **Outline :** 3800702-1 **Engine Serial :** P-6767

Time Since Repair : 361

Primary Removal Reason : RENTAL APU REQUIRES POST-LEASE INSP

Parts Received

Nomenclature	Alternate Part No.	Dash No.	Serial Number	Series	Comments
3876271 | EK Theromcouple (2 of 2)		1	50413-0400738		
3876223 | EK Monopole		1			
3876225 | EK Inlet Press Sensor		2	101121406603		
3876226 | EK Total Press Sensor		1			
3876227 | EK Delta P Switch		2	151121427410		
3884971 | EK Total Press Probe		1			
MS28034 | EK Temp Sensor		1	17251		
3876132 | EK Ignition Lead		12			
3888058 | EK Ignition Unit		7	131018		
305766 | EK Ignitor plug		7			
3876287 | DMM		1	GE3040		
3886188 | IGV Actuator		3	6021		

INDUCTION & ALL APPROPRIATE DOCUMENTS COMPLETED

Mechanic Signature: Bradley Bray DATE: 11/16/2016

Honeywell International Inc.
Repair Station # ZN3R030M

PRELIMINARY AND HIDDEN DAMAGE INSPECTION REPORT

Notification Number : 326640216 **Customer :** MRO PHOENIX- ENGINES RENTAL BANK **Date :** 06 NOV 2016

Engine Model : 131-9B **Outline :** 3800702-1 **Engine Serial :** P-6767

Time Since Repair : 361

Primary Removal Reason : RENTAL APU REQUIRES POST-LEASE INSP

Parts Not Received

Nomenclature

INDUCTION ALL APPROPRIATE DOCUMENTS COMPLETED

Mechanic Signature: _____ DATE: 11/6/2016

1. Approving Civil Aviation Authority/Country: **FAA/United States**	2. **AUTHORIZED RELEASE CERTIFICATE** **FAA Form 8130-3, AIRWORTHINESS APPROVAL TAG**	3. Form Tracking Number: 20150001064194Y15 322393936

4. Organization Name and Address:	Honeywell International Inc 1944 E Sky Harbor Circle PHOENIX AZ 85034	Repair Station ZN3R030M	5. Work Order/Contract/Invoice Number: 21486350 322393935 Page 1 of 1

6.Item:	7. Description:	8. Part Number:	9. Quantity:	10. Serial Number:	11. Status / Work:
001	ENGINE OUTLINE, GAS TURBINE	3800702-1	1	P-6767	INSPECTED

12. Remarks:

THE SERVICE SPECIFIED HAS BEEN ACCOMPLISHED IN ACCORDANCE WITH:
EM 49-26-95 Rev 9, AUG/28/2015

INSPECTED/TESTED

LONG TERM PRESERVATION ACCOMPLISHED.

TSN:12420:35 CSN:14376

SEE ATTACHED DOCUMENTS AS APPLICABLE FOR WORK PERFORMED

HONEYWELL CERTIFIES THAT THE WORK SPECIFIED IN BLOCK 11/12 WAS CARRIED OUT IN ACCORDANCE WITH EASA PART 145 AND IN RESPECT TO THAT WORK THE COMPONENT IS CONSIDERED READY FOR RELEASE TO SERVICE UNDER EASA PART 145 APPROVAL NO. EASA 145.4136

13a. Certifies the items identified above were manufactured in conformity to: ☐ Approved design data and are in a condition for safe operation. ☐ Non-approved design data specified in Block 12.		14a. ☒ 14 CFR 43.9 Return to Service ☒ Other regulation specified in Block 12 Certifies that unless otherwise specified in Block 12, the work identified in Block 11 and described in Block 12 was accomplished in accordance with Title 14, Code of Federal Regulations, part 43 and in respect to that work, the items are approved for return to service.	
13b. Authorized Signature:	13c. Approval/Authorization No.:	14b. Authorized Signature:	14c. Approval/Certificate No.: **ZN3R030M**
13d. Name (Typed or Printed):	13e. Date(dd/mmm/yyyy):	14d. Name (Typed or Printed): **Blake Reible**	14e. Date(dd/mmm/yyyy): **17/OCT/2015**

User / Installer Responsibilities

It is important to understand that the existence of this document alone does not automatically constitute authority to install the aircraft engine/propeller/article. Where the user/installer performs work in accordance with the national regulations of an airworthiness authority different than the airworthiness authority of the country specified in Block1, it is essential that the user/installer ensures that his/her airworthiness authority accepts aircraft engine(s)/propeller(s)/article(s) from the airworthiness authority of the country specified in Block1. Statements in Blocks 13a and 14a do not constitute installation certification. In all cases, aircraft maintenance records must contain an installation certification issued in accordance with the national regulations by the user/installer before the aircraft may be flown.

DATE	ENGINE HOURS	ENGINE HOURS	REMARKS, INSPECTIONS, REPAIRS, AND ADJUSTMENTS	SIGNATURE
10/17/15	TSN 12420:35	CSN 14376	APU P/N 3800702-1 S/N P-6767 Model 131-9B	
	TSO N/A	CSO N/A	**DESCRIPTION OF WORK PERFORMED:** ENGINE INSPECTED AND TESTED IAW MANUFACTURER'S	
			MANUAL 49-26-95 AND CUSTOMER INSTRUCTIONS. **********	
			********** **********	
			INSPECTIONS COMPLIED WITH: N/A	
			SERVICE BULLETINS COMPLIED WITH: SEE SERVICE BULLETIN SECTION OF LOG BOOK.	
			PARTS REPAIRED OR REPLACED THIS VISIT: NO TRACEABLE PARTS REPAIRED OR REPLACED THIS VISIT.	
			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 **322393935**	
			HONEYWELL AEROSPACE CERTIFIED REPAIR STATION ZN3R030M	
			INSPECTOR:	BLAKE REIBLE 183

Honeywell

NDC / Life Limited Parts

Date	TSN	CSN	APU P/N 3800702-1 S/N P-6767	CUSTOMER
10/17/15	12420:35	14376	Model 131-9B	MRO PHOENIX-E.R.B.

Noun	P/N	S/N	Status	Noun	P/N	S/N	Status
SURGE VALVE	3291238-2	2955	4	STARTER / GEN	28B545-9	52-F0053	4
FUEL CONTROL	441921-5	CUC11798	4	LUBE MODULE	4131020-3	3912	4
DATA MODULE	3876287-1	GE3040	4	LOAD VALVE	3291214-2	587	4
IGN UNIT	3888058-7	131018	4	IGV ACTUATOR	3886188-3	6021	4
OIL COOLER	160564-2	5016	4	TEMP VALVE	160550-1	2053	4

REPAIR CODES 1-BENCH TEST 2-REPAIR 3-OVERHAUL 4- USED AS IS 5-NEW E- EXCHANGED

Noun	P/N	S/N	Time	Cycles
TIE SHAFT	NOT EXPOSED	--	--	--
L/C IMPELLER	NOT EXPOSED	--	--	--
E/C IMPELLER	NOT EXPOSED	--	--	--
1ST T-WHEEL	NOT EXPOSED	--	--	--
2ND T-WHEEL	NOT EXPOSED	--	--	--

REPAIR ORDER: **322393935**

HONEYWELL AEROSPACE CERTIFIED REPAIRED STATION ZN3R030M **INSPECTOR:** BLAKE REIBLE 183

ENGINE MODEL: 131-9B

ENGINE SERIAL NUMBER: P-6767

CUSTOMER: MRO PHOENIX- ENGINES RENTAL BA

REPAIR ORDER: 2015-322393935-001

SERVICE RECORD

SERVICE BULLETIN COMPLIANCE

SERVICE BULLETIN	REV	DESCRIPTION	WHERE ACCOMP	WHEN ACCOMP
49-7997	4	STANDARD STORAGE AND PRESERVATION GUIDELINES	PHX	10/16/2015

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HONEYWELL INTERNATIONAL

REPAIR STATION # ZN3R030M

INSPECTOR SIGNATURE: BRBC

DATE: 10/17/15

24 MONTH

LONG TERM PRESERVATION

REFERENCE S/B 49-7997

1. Drain the oil.
2. Cap the fluid lines
3. Add two pounds of desiccant to the gas path one pound each at the inlet and exhaust with humidity indicator
4. Seal the APU with a barrier bag

PLACE 8130 AND CUSTOMER DOCUMENTS ON OUTSIDE OF PRESERVATION BAG.

Note: **Do not ship this sheet with APU**

Honeywell Phx R&O
APU Final Inspection Checklist

Service Order: 5009061868
Model: 131-9B
Serial Number: P-6767

	Stamp and Date
1. VERIFY APU BUILD BOOK CHECKPOINTS ARE COMPLETED AS REQUIRED.	183 10-17-15
2. CHECK FOR ANY PARTS EXCHANGED AT LAB, VERIFY S/N'S ON LOGBOOK LRU PAGE AND ANY SPECIAL SHIPLIST REQUESTED. UPDATE TRACEABILITY IF NEEDED.	183
3. VERIFY ENGINE DATA PLATE MATCHES 8130-3 TAG, LOGBOOK, 337, OFF/ON SHEETS, & TRACEABILITY SHEETS AS REQUIRED.	183
4. VERIFY TSO CERTIFICATION NUMBER IS IDENTIFIED ON THE DATAPLATE.	183
5. VERIFY THE DATAPLATE IS NOT IDENTIFIED AS" EXPERIMENTAL", "FLIGHT TEST", OR "PROTOTYPE" IF IT IS NOTITFY ENGINEERING.	183
6. VERIFY LRU DATA PLATES MATCH ESR.	183
7. CHECK INLET, EXHAUST, ALL CAVITYS FOR CLEANLINESS, FREEDOM OF ROTATION AND ANY DAMAGE.	183
8. CHECK PLUMBING FOR ROUTING AND CLAMPING.	183
9. CHECK HARNESSES FOR ROUTING, CLAMPING, CONNECTORS SECURED, NO EXPOSED OR BARE WIRES.	183
10. CHECK FOR POSITIONING OF MARMON CLAMPS ON DUCTS.	183
11. PHYSICALLY TOUCH CONNECTION POINTS (I.E. GROUNDING STRAPS, LRU BOLTS & HARNESS CONNECTORS).	183
12. CHECK FOR REMOVAL OF SLAVE HARDWARE.	183
13. CHECK THE POSITION (NO CHAFFING) OF ALL EXTERNAL COMPONENTS.	183
14. CHECK FOR LOCKWIRE INSTALLED, AND SEALS ON ADJUSTMENTS POINTS AS REQUIRED.	183
15. CHECK FOR COLOR CODE TAPE ON PLUMBING.	183
16. CHECK FOR ATTACHMENT OF APPLICABLE WARNING TAGS. (-26 TAG REQ'D ON ALL FCU'S).	183
17. DATA MEMORY MODULE (DMM) (IF INSTALLED) REQUIRES UPDATE BY APU OVERHAUL ENGINEER IF ANY LIFE-LIMITED HARDWARE HAS BEEN REPLACED.	183
18. VERIFY TSN/CSN IS REPORTED CORRECTLY ON 8130-3 TAG, LOGBOOK, 337 AS REQUIRED.	183
19. VERIFY THE REFERENCE AND REVISION STATUS OF ALL DOCUMENTS LISTED IN BLOCK 12 OF THE 8130.	183
20. REVIEW ALL 8130 BLOCKS FOR COMPLETENESS.	183 10-17-15

COMMERCIAL

Honeywell

INCOMING TRAVELER

MRO PHOENIX- ENGINES RENTAL BANK

Phoenix - Sky Harbor
Honeywell International Inc
1944 E Sky Harbor Circle
PHOENIX AZ 85034

NOTIFICATION: 322393936

SALES ORDER: 6397601

SERVICE ORDER: 5009061868

ADMIN: JANET ABRAMS

QUOTE NO: _____ WBS: RO-0006397601-01

CUST.NO: ENGRNTL01 CUST PN: Alternate S/N: PO DATE:

DUE DATE: 12 NOV 2015 RECEIVED DATE: 13 OCT 2015 PART NO: 3800702-1

Part Description: ENGINE OUTLINE, GAS TURBINE

PO#: 21486350 UID/UST/USN#: 6454728B545-9 FREIGHT FEES:

S/N: P-6767

WORK CENTER: APU-Main Work Center

QUANTITY : 1 IMPORT REF. NO: USER STATUS : MI

TERMS: Net 2 Days (Interco) EXCHANGE PRICE: 0.00

CONTRACT #: DESCRIPTION: PROGRAM CODE: BNK

FIXED LABOR HOURS: 0.0 QUOTE:NO WTY:N WTY TYP: WTY.END DATE:

CNTNR TYP & NO: No Special Number CARRIER:

DAMAGE: PKG DEF: SEALS: ESD PROTECTED: WAYBILL#:

AIRCRAFT TYPE: AIRCRAFT TAIL NO:

DAMAGE REMARKS:

REASON FOR RETURN:(SEE PURCHASE ORDER FOR COMPLETE INSTRUCTIONS)
Post Lease Inspection

MATERIAL NUMBER ALERT
D&S UFR Available-000316978158
D&S UFR AVAILABLE - Non USGOV customers only - This Material is covered under a D&S Universal Flat Rate (UFR).##Update PO "review identifying as Flat Rate.## If Workscope changes, task back to CSR w/ applicable notes and revised findings report for " revised quotation.

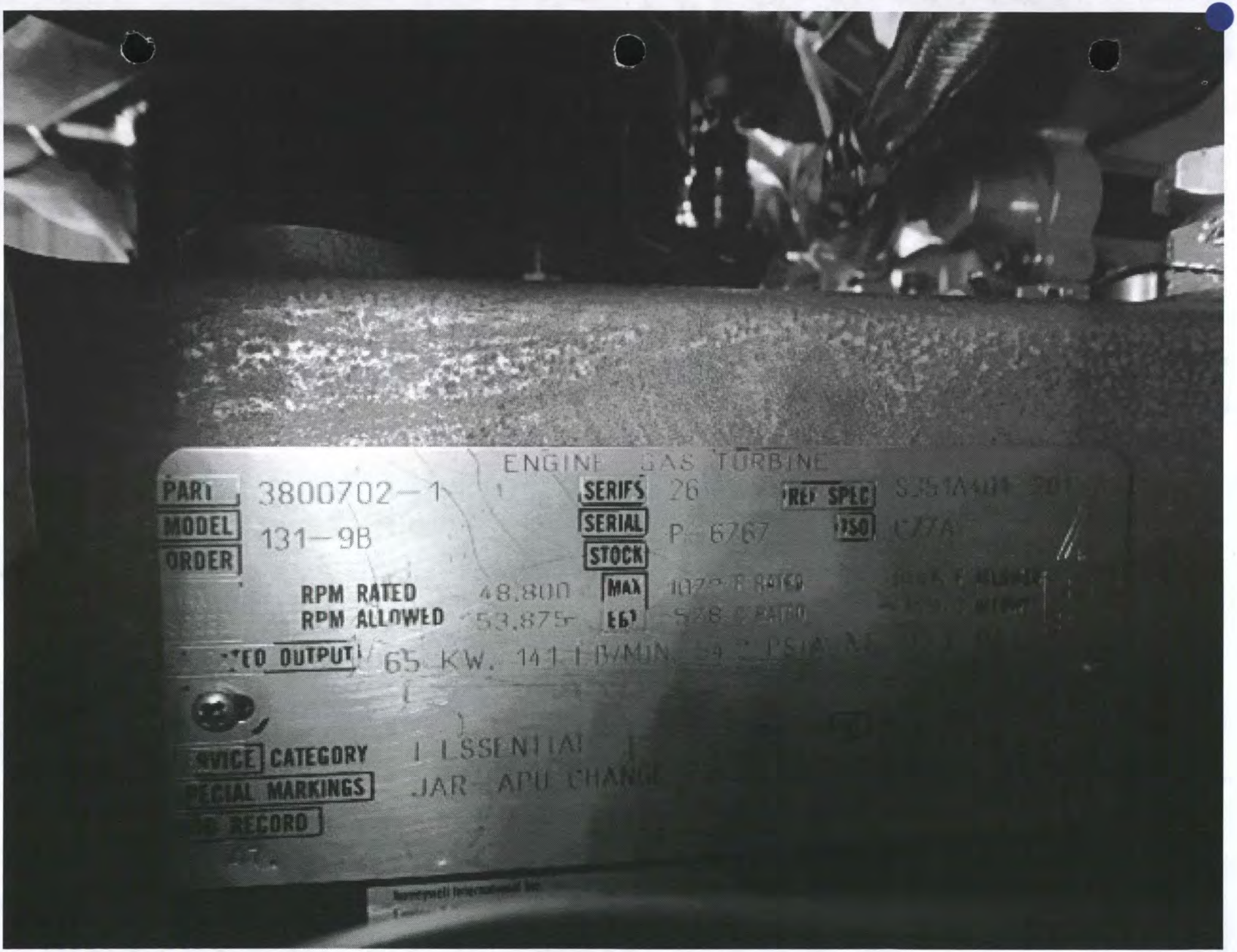
XXXXXXXXXXXXXXXXXXXX Repair History XXXXXXXXXXXXXXXXXXXX

Previous Notification #	Ship Date	Warranty Decision	Incoming Material	Confirmation of Failure
321258716	24 JUN 2015		3800702-1	YES
318511086	26 MAR 2015		3800702-1	YES

PO NOTES
* 10/13/2015 12:39:59 Janet Abrams (E449304) Phone 6023652567 REASON FOR RETURN: POST LEASE INSPECTION.RA JANET ABRAMS X2567 OF MISSING PARTS AND/OR CUSTOMER DAMAGE.IF FOD FOUND, STOP WORK AND ALERT RA. DO NOT REPLACE MISSING LRUS W/OUT RA APPROVAL. SCRAP IN HOUSE. LOGBOOK RCVD

PRINTED BY: Blake Reible DATE: 17 OCT 2015 05:58:00

ARP900 YAFL_FRM30088


ENGINE GAS TURBINE
PART 3800702-1
SERIES 26
REF SPEC
MODEL 131-9B
SERIAL P 6767
ISO
ORDER
STOCK
RPM RATED 48,800
MAX
RPM ALLOWED 53,875
EGT
65 KW. 141 LB/MIN
SERVICE CATEGORY ESSENTIAL
SPECIAL MARKINGS JAR APU CHANGE
RECORD

10/13/2015 Data Conversion For ENGINE S/N P6767
WINDMM.EXE Version 3.01 131-9B Overhaul Version 03.10

1	Item Count	126	126	NUMBER ENTRIES IN DMM
2	SW Version	07	07	ECU / DMM COMPATIBILITY SOFTWARE VERSION (SV)
3	APUser.pre	P	P	APU SERIAL NUMBER PREFIX
4	APUser.num1	00	00	APU SERIAL NUMBER (FIRST 2 DIGITS)
5	APUser.num2	00	00	APU SERIAL NUMBER (NEXT 2 DIGITS)
6	APUser.num3	67	67	APU SERIAL NUMBER (NEXT 2 DIGITS)
7	APUser.num4	67	67	APU SERIAL NUMBER (LAST 2 DIGITS)
8	APUser.suf			APU SERIAL NUMBER (SUFFIX 2 DIGITS)
9	APUhours	12420	12420	HOURS
10	APUminutes	35	35	MINUTES
11	APUcycles	14376	14376	CYCLES
12	ECS_OFFSET	-100	-1	ECS OFFSET DEGREES (SV)
13	FUELOFF100	682	6.820	FUEL FLOW OFFSET AT 100 POUNDS PPH (SV)
14	FUELOFF200	773	7.730	FUEL FLOW OFFSET AT 200 PPH (SV)
15	ABSTARTS	0	0	NUMBER OF UNSUCCESSFUL STARTS (SV)
16	APU_OPTIONS	0	0	APU OPTION FLAGS
17	FLTSTRT	1	1	NUMBER OF INFLIGHT STARTS (SV)
18	ABFLTSTRT	0	0	NUMBER OF UNSUCCESSFUL INFLIGHT STARTS (SV)
19	TURB_CYCLES	166	166	CYCLES SINCE TURBINE REPAIR (TB)
20	LC_CYCLES	166	166	CYCLES SINCE LOAD COMP REPAIR (LC)
21	EC_CYCLES	166	166	CYCLES SINCE ENGINE COMP REPAIR (EC)
22	CLOG_FILTER	0	0	NUMBER OF CLOGGED OIL FILTER SHUTDOWNS (SV)
23		0	0	SPARE
24		0	0	SPARE
25	INSTALLHR	132	132	TIME SINCE AIRPLANE INSTALLATION HOURS (SV)
26	INSTALLMIN	150	15	TIME SINCE AIRPLANE INSTALLATION MINUTES (SV)
27	ECSHOURS	91	91	OPERATING TIME IN ECS HOURS (SV)
28	ECSMINUTES	274	27.400	OPERATING TIME IN ECS MINUTES (SV)
29	FLTHOURS	1	1	OPERATING TIME IN FLIGHT HOURS (SV)
30	FLTMINUTES	41	4.100	OPERATING TIME IN FLIGHT MINUTES (SV)

31	HOTTIME	25	2.500	OPERATING HOURS T2 GREATER 100 DEGF (SV)
32	COLDTIME	2	0.200	OPERATING HOURS T2 LESS 0 DEGF (SV)
33	NMES	177	177	NUMBER OF MAIN ENGINE STARTS (SV)
34	HIGHSTRT	1	1	NUMBER OF START ATTEMPTS ABOVE 25000 FT (SV)
35	BRRSTRT	0	0	NUMBER OF STARTS OILTEMP LESS 0 DEGF (SV)
36	BRRRRSTRT	0	0	NUMBER OF STARTS OILTEMP LESS -40 DEGF (SV)
37	LOWOILPR	0	0	NUMBER OF LOW OIL PRESSURE SHUTDOWNS (SV)
38	NUM3LOP	0	0	NUMBER OF 3 CONSECUTIVE LOP SHUTDOWNS (SV)
39	CONSECLOP	0	0	NUMBER OF CONSECUTIVE LOP SHUTDOWNS (SV)
40	HOT	0	0	NUMBER OF HIGH OIL TEMPERATURE SHUTDOWNS (SV)
41	OVRTMPGOV	0	0	NUMBER OF ONSPEED OVERTEMP SHUTDOWNS (SV)
42	OVRTMPSTRT	0	0	NUMBER OF STARTING OVERTEMP SHUTDOWNS (SV)
43	REVFLOW	0	0	NUMBER OF REVERSE FLOW SHUTDOWNS (SV)
44	NOACCEL	0	0	NUMBER OF NO ACCELERATION SHUTDOWNS (SV)
45	OVERSPEED	0	0	NUMBER OF OVERSPEED SHUTDOWNS (SV)
46	UNDERSPEED	0	0	NUMBER OF UNDERSPEED SHUTDOWNS (SV)
47	INFLTSD	1	1	NUMBER OF INFLIGHT SHUTDOWNS (SV)
48	AKWECS(1)	2	13.107	AVERAGE GEN LOAD ECS KW * (SV)
49	AKWECS(2)	29209	2.921	AVERAGE GEN LOAD ECS KW (SV)
50	AKWMES(1)	3	19.661	AVERAGE GEN LOAD MES KW * (SV)
51	AKWMES(2)	59314	5.931	AVERAGE GEN LOAD MES KW (SV)
52	AKWFLT(1)	1	6.554	AVERAGE GEN LOAD INFLIGHT KW * (SV)
53	AKWFLT(2)	21581	2.158	AVERAGE GEN LOAD INFLIGHT KW (SV)
54	AT4ECS(1)	230	1507.328	AVERAGE T4 ECS DEG F* (SV)
55	AT4ECS(2)	3538	0.354	AVERAGE T4 ECS DEG F (SV)
56	AT4MES(1)	237	1553.203	AVERAGE T4 MES DEG F* (SV)
57	AT4MES(2)	42220	4.222	AVERAGE T4 MES DEG F (SV)
58	AT4FLT(1)	232	1520.435	AVERAGE T4 INFLIGHT DEG F* (SV)
59	AT4FLT(2)	44042	4.404	AVERAGE T4 INFLIGHT DEG F (SV)
60	T1800	0	0	HOURS T4 > 1800 DEG F (TB)
61	T1850	0	0	HOURS T4 > 1850 DEG F (TB)

62	T1900	0	0	HOURS T4 > 1900 DEG F (TB)
63	T1950	0	0	HOURS T4 > 1950 DEG F (TB)
64	T2000	0	0	HOURS T4 > 2000 DEG F (TB)
65	RECT4R	17046	1704.600	HIGHEST T4 ONSPEED DEGF (TB)
66	RECT5S	15249	1524.900	HIGHEST T5 DURING START DEGF (TB)
67	ABRTCLDN	10	10	NUMBER OF ABORTED COOLDOWNS (SV)
68	CT5ATP	11532	1015.320	AVERAGE CORR T5 DURING MES DEGF (TB)
69	MDNCT5ATP	11709	1017.090	MAIDEN CORR T5 DURING MES DEGF (TB)
70	CT5ATPXX500	0	900	CORR T5 MES AT XX500 HOURS DEGF
71	CT5ATPX1000	0	900	CORR T5 MES AT X1000 HOURS DEGF
72	CT5ATPX1500	0	900	CORR T5 MES AT X1500 HOURS DEGF
73	CT5ATPX2000	0	900	CORR T5 MES AT X2000 HOURS DEGF
74	CT5ATPX2500	0	900	CORR T5 MES AT X2500 HOURS DEGF
75	CT5ATPX3000	0	900	CORR T5 MES AT X3000 HOURS DEGF
76	CT5ATPX3500	0	900	CORR T5 MES AT X3500 HOURS DEGF
77	CT5ATPX4000	0	900	CORR T5 MES AT X4000 HOURS DEGF
78	CT5ATPX4500	0	900	CORR T5 MES AT X4500 HOURS DEGF
79	CT5ATPX5000	0	900	CORR T5 MES AT X5000 HOURS DEGF
80	CT5ATPX6000	0	900	CORR T5 MES AT X6000 HOURS DEGF
81	CT5ATPX7000	0	900	CORR T5 MES AT X7000 HOURS DEGF
82	CT5ATPX8000	0	900	CORR T5 MES AT X8000 HOURS DEGF
83	CT5ATPX9000	0	900	CORR T5 MES AT X9000 HOURS DEGF
84	CT5ATPX0000	0	900	CORR T5 MES AT X10000 HOURS DEGF
85	CPTATP	55257	55.257	AVERAGE CORR PT DURING MES PSIA (LC)
86	MDNCPTATP	55240	55.240	MAIDEN CORR PT DURING MES PSIA (LC)
87	CPTATPXX500	0	0	CORR PT DURING MES AT XX500 HOURS PSIA
88	CPTATPX1000	0	0	CORR PT DURING MES AT X1000 HOURS PSIA
89	CPTATPX1500	0	0	CORR PT DURING MES AT X1500 HOURS PSIA
90	CPTATPX2000	0	0	CORR PT DURING MES AT X2000 HOURS PSIA

91	CPTATPX2500	0	0	CORR PT DURING MES AT X2500 HOURS PSIA
92	CPTATPX3000	0	0	CORR PT DURING MES AT X3000 HOURS PSIA
93	CPTATPX3500	0	0	CORR PT DURING MES AT X3500 HOURS PSIA
94	CPTATPX4000	0	0	CORR PT DURING MES AT X4000 HOURS PSIA
95	CPTATPX4500	0	0	CORR PT DURING MES AT X4500 HOURS PSIA
96	CPTATPX5000	0	0	CORR PT DURING MES AT X5000 HOURS PSIA
97	CPTATPX6000	0	0	CORR PT DURING MES AT X6000 HOURS PSIA
98	CPTATPX7000	0	0	CORR PT DURING MES AT X7000 HOURS PSIA
99	CPTATPX8000	0	0	CORR PT DURING MES AT X8000 HOURS PSIA
100	CPTATPX9000	0	0	CORR PT DURING MES AT X9000 HOURS PSIA
101	CPTATPX0000	0	0	CORR PT DURING MES AT X10000 HOURS PSIA
102	CWFATP	26019	260.190	AVERAGE CORR FUEL FLOW DURING MES PPH (SV)
103	MDNCWFATP	26117	261.170	MAIDEN CORR FUEL FLOW DURING MES PPH (SV)
104	CWFATPXX500	0	0	ORR FUEL FLOW MES AT XX500 HOURS PPH
105	CWFATPX1000	0	0	CORR FUEL FLOW MES AT X1000 HOURS PPH
106	CWFATPX1500	0	0	CORR FUEL FLOW MES AT X1500 HOURS PPH
107	CWFATPX2000	0	0	CORR FUEL FLOW MES AT X2000 HOURS PPH
108	CWFATPX2500	0	0	CORR FUEL FLOW MES AT X2500 HOURS PPH
109	CWFATPX3000	0	0	CORR FUEL FLOW MES AT X3000 HOURS PPH
110	CWFATPX3500	0	0	CORR FUEL FLOW MES AT X3500 HOURS PPH
111	CWFATPX4000	0	0	CORR FUEL FLOW MES AT X4000 HOURS PPH
112	CWFATPX4500	0	0	CORR FUEL FLOW MES AT X4500 HOURS PPH
113	CWFATPX5000	0	0	CORR FUEL FLOW MES AT X5000 HOURS PPH
114	CWFATPX6000	0	0	CORR FUEL FLOW MES AT X6000 HOURS PPH
115	CWFATPX7000	0	0	CORR FUEL FLOW MES AT X7000 HOURS PPH
116	CWFATPX8000	0	0	CORR FUEL FLOW MES AT X8000 HOURS PPH
117	CWFATPX9000	0	0	CORR FUEL FLOW MES AT X9000 HOURS PPH

118	CWFATPX0000	0	0	CORR FUEL FLOW MES AT X10000 HOURS PPH
119	IGVATP	9007	90.070	IGV POSITION DURING MES DEGREES
120	NLOADSHED	1	1	NUMBER OF LOADSHED OCCURANCES (SV)
121	LOADSHED8P3	0	0	NUMBER OF LOADSHEDS P2 LESS 8.3 PSIA (SV)
122	LOADSHED5P2	0	0	NUMBER OF LOADSHEDS P2 LESS 5.2 PSIA (SV)
123	SPDROOPS	0	0	NUMBER OF SPEED DROOPS BELOW 85% SPEED (SV)
124	OVRHAUL_HR	132	132	HOURS SINCE LAST SHOP VISIT (SV)
125	OVRHAUL_MIN	150	15	MINUTES SINCE LAST SHOP VISIT (SV)
126	APU_HOURS_H	0	0	APU HOURS HIGH (ADD TO APUHOURS ENTRY 9)

HONEYWELL AEROSPACE SERVICES REPAIR AND OVERHAUL
REPAIR STATION #ZN3R030M

REF W.I. 21.200
FORM APU A_131
REV 11 DATED 100103

LAB TRAVELER

REPAIR ORDER: 5009061868 MODEL: 131-9B SERIAL NO.: P-6767 CUSTOMER: BANK\ENGRNTL01
DATE: 10/12/2015 OUTLINE NO.: 3800702-1 RUN TYPE / BUILD: 1

ENGINEERING LAB INSTRUCTIONS: ADDRESS ALL ITEMS ON PAGE TWO OF THE LAB TRAVELER.
DMM RESET.. E.V
TEST PER EM (49-26-95, Rev.9) / TI (34-TI-3800702, Rev. V) - Medium Cycle -

OH ENGINEER/TS: Louie Crapps, watsch Gabe V. 602-363-4981 DATE: 10/13/15

MANUAL NO. USED: N/A REV: ___ T.I. NO. AND REV: 3800702V ACC LT/MED: ___ ACC/HVY: ✓ REJ: ___

DISCREPANCY REPORT: ✓ NO ___ YES TDR/IDR #: ___ HOURS THIS RUN: 1:57 TOTAL HOURS: 1:57 TOTAL STARTS: 4

UNIT PRESERVED: ✓ YES ___ NO TEMP COMP N/A

THE DEFAULT OIL FOR THE TEST IS BP 2380 UNLESS ONE OF THE FOLLOWING IS CHECKED:

CUSTOMER COMPLIANT VERIFIED: ___ YES ___ NO

BP 2197 ☐ MOBIL JET II ☐ MOBIL JET 254 ☐

LAB RUN COMMENTS (REF DATA SHEET FOR DETAILS):

LAB TECH COMP: FT 260 BP 2389 ☐

LAB TECH SIGN: FT 260 DATE: 10/16/15

LAB ACCEPT SIGN: 0037 DATE: 10-16-15

1. WAS THE TURBINE SECTION REPAIRED OR REPLACED: YES ___ NO ✓
2. WAS THE LOAD COMPRESSOR REPAIRED OR REPLACED: YES ___ NO ✓
3. WAS THE ENGINE COMPRESSOR REPAIRED OR REPLACED: YES ___ NO ✓
4. VERIFY APU SERIAL NUMBER IS CORRECT ON THE TOP OF THE DMM DATASHEET FT 269

PARTS REMOVED IN LAB			PARTS INSTALLED IN LAB		
PN	SN	MECHANIC	PN	SN	MECHANIC

ACCEPTANCE TEST DATA SHEET
131-9[B]
OVERHAUL

USED WITH
TI-3800702
REV. V

UNIT OUTLINE: 3800702-1 MODEL: 131-9[B] UNIT S/N P- 6767

TEST CELL NO.: D103 RUN NO.: 1 DATE 10/16/15

REPAIR ORDER NO.: 5009061868

ECU P/N 2118966-222 S/N 129-G0703 SLAVE YES

ECU OPERATIONAL SW P/N 491B-TUS-A05-00

SPU P/N 1151984-261M1 S/N 047C-0124 SLAVE YES

SCU P/N 1152426-245 S/N 016C-0224 SLAVE YES

PERFORMANCE SUMMARY

DESCRIPTION		2-PACK ECS - 700 HIGH +60KW		MES +65KW	
		REQUIRED	ACTUAL	REQUIRED	ACTUAL
PBCOR	BLEED PRESSURE, PSIA	51.2 (MIN)	51.72	54.5 (MIN)	54.78
WBCOR	BLEED AIRFLOW, LB/MIN	155.0 (MIN)	157.3	N/A	141.2
TBCOR	BLEED TEMPERATURE,F	445.0 (MAX)	415.	445.0 (MAX)	426.
EGTCOR	EXHAUST GAS TEMPERATURE,F	1090.0(MAX)	1006.	1080.0(MAX)	1016.
WFCOR	FUEL CONSUMPTION, LB/HR	N/A	267.1	287.0 (REF)	266.0

PERFORMANCE DATA ADJUSTED TO S.L., 100F, INSTALLED CONDITIONS. EGTCOR AND WFCOR ARE ALSO CORRECTED TO MINIMUM BLEED PRESSURE. WFCOR (REF) IS A REFERENCE ONLY VALUE AND NOT A REQUIREMENT.

INITIAL IGV POSITION 4.1.2(B) 72 DEGREES, INITIAL PBCOR 52.6 PSIA

FINAL IGV POSITION 4.1.2(C) 70 DEGREES, FINAL PBCOR 51.7 PSIA

ECS OFFSET=(FINAL IGV-INITIAL IGV)= -2 DEGREES

OTHER ACCEPTANCE DATA

ITEM	PARAGRAPH	PARAMETER	UNITS	DATA POINT	VALUE	REQUIRED
FLOW SENSOR CHECK	4.1.4(G)	WBCDNA	LB/MIN	4.	48.9	FIGURE 7
FLOW SENSOR CHECK	4.1.4(J)	WBCDNA	LB/MIN	5.	50.1	FIGURE 7
FLOW SENSOR ACCURACY	4.1.4(K)	WC	- -	- -	0.69	+/-5

SCV STABILITY (4.1.5) SCV IS STABLE YES

MINIMUM SURGE MARGIN (4.1.6) UNIT PASS MINIMUM SURGE MARGIN (4.1.6) YES

AC POWER START TIME 35 SEC (4.1.7)

DC POWER START TIME 36 SEC (4.1.7)

LOAD CYCLE STABILITY 4.2(C) 96 KW (0007) STABLE YES

LOAD CYCLE STABILITY 4.2(E) MES (0008) STABLE YES

LOAD CYCLE STABILITY 4.2(G) MES +96KW (0009) STABLE YES EGTCOR 1071. (MAX 1135F)

LOAD CYCLE STABILITY 4.2(H) RTL STABLE YES

APU FAULTS OBSERVED 5.1(B) NONE

APU DRY WEIGHT: N/A -- LB

TOTAL NUMBER OF STARTS(DURING ATP): 4

TOTAL OPERATING TIME(DURING ATP): 1:57 HR/MIN

UNIT STATUS: ACCEPTED

WE CERTIFY THE ABOVE DATA ARE TRUE AND CORRECT, AND IN ADDITION, THE UNIT HAS SUCCESSFULLY MET ALL OTHER TEST REQUIREMENTS SPECIFIED IN THE LATEST REVISION OF THE APPLICABLE TEST SPECIFICATION INDICATED ABOVE

	SIGNATURE	DATE
TECHNICIAN	FT 269	10/16/15
SUPERVISOR	JOE GALLUS FT 31	10-16-15
QUALITY ASSURANCE	E085599 QC37	10-16-15

ACCEPTANCE TEST DATA SHEET
OVERHAUL 131-9[B]
TEST CELL D103

APU S/N P- 6767

PARAMETER DESCRIPTION			ATP PARAGRAPH-->	4.1.2E	4.1.3C	4.1.1E
				2PCK-700 ECS HIGH	MES	RTL
DIGITAL DATA SCAN			HR:MIN	18:22	18:35	18:11
DIGITAL DATA POINT NUMBER				2.	3.	1.
PBAR	BAROMETRIC PRESSURE		PSIA	14.12	14.12	14.11
PCELL	CELL PRESSURE		PSIA	14.12	14.12	14.12
T1	T1-APU INLET TEMPERATURE (AVG)		DEG F	74.8	75.5	73.0
TENIVA	UNIT INLET TEMPERATURE (T2)		DEG F	75.2	75.2	73.0
POIL	OIL PRESSURE -- LUBE PUMP DISCHARGE		PSIG	67.4	67.3	67.8
TOIL	OIL TEMPERATURE -- LUBE PUMP DISCHARGE		DEG F	178.	179.	174.
PSGBX	GEARBOX PRESSURE -- SUMP		IN H2O	0.29	-0.16	1.55
TFUEL	FUEL INLET TEMPERATURE		DEG F	77.	78.	77.
PFUEL	FUEL INLET PRESSURE		PSIG	35.6	35.5	36.2
VIBGBA	UNIT VIBRATION -- GEARBOX		IN/SEC	0.14	0.13	0.11
VIBTHA	UNIT VIBRATION -- TURBINE		IN/SEC	0.12	0.08	0.20
VIBP1E	ONE-PER-REV TURBINE POST		IN/SEC	1.1	1.0	1.2
XNL	SHAFT SPEED		RPM	48801.	48799.	48802.
PIGV	INLET GUIDE VANE POSITION		DEGREE	70.0	89.9	22.2
PCDFD	COMPRESSOR DISCHARGE STATIC PRESSURE		PSIA	98.7	100.0	91.4
TCDFD	COMPRESSOR DISCHARGE TEMPERATURE		DEG F	587.	592.	567.3
TTDEA	TURBINE DISCHARGE TEMPERATURE	#1	DEG F	864.	918.	622.
TTDEB	(UNIT EGT)	#2	DEG F	905.	956.	663.
EGT	LAB EGT (AVG)		DEG F	885.	935.	641.
PS9	EXHAUST STATIC PRESSURE		PSIA	14.11	14.11	14.11
PBORFA	BLEED AIR ORIFICE PRESSURE		PSIA	44.8	55.1	[redacted]
TBORFA	BLEED AIR ORIFICE TEMPERATURE (AVG)		DEG F	340.	377.	[redacted]
PDBORA	BLEED AIR ORIFICE DELTA P		PSID	1.42	1.26	[redacted]
WB	BLEED AIRFLOW		LB/MIN	144.7	148.3	[redacted]
WBCDNA	CORRECTED DISCHARGE AIRFLOW		LB/MIN	57.7	49.5	[redacted]
PB	BLEED PRESSURE (AVG)		PSIA	46.56	56.68	[redacted]
TB	BLEED TEMPERATURE (AVG)		DEG F	369.	402.	[redacted]
WF	FUEL FLOW (AVG)		LB/HR	244.1	261.8	155.8
PWGEN	GENERATOR LOAD - POWER FACTOR = 1.0		KW	58.5	63.5	0.0

CALCULATIONS:

GENSL	GENERATOR LOAD AT SEA LEVEL -- PWGEN/(PCELL/14.696)		KW	60.9	66.1	[redacted]
	APU DELTAP/DELTA -- (PCELL-PS9)/(PCELL/14.696)		PSID	0.01	0.01	[redacted]
	BLEED PRESSURE AT SEA LEVEL -- PB/(PCELL/14.696)		PSIA	48.47	58.99	[redacted]
DELPB	BLEED PRESSURE LAPSE RATE CORRECTION		PSIA	4.85	-2.61	[redacted]
	INSTALLATION EFFECT ON BLEED PRESSURE		PSIA	-1.60	-1.60	[redacted]
PBCOR	BLEED PRESSURE CORRECTED TO SEA LEVEL, 100F, INSTALLED		PSIA	51.72	54.78	[redacted]
	BLEED AIRFLOW AT SEA LEVEL -- WB/(PCELL/14.696)		LB/MIN	150.6	154.3	[redacted]
DELWB	BLEED FLOW LAPSE RATE CORRECTION		LB/MIN	10.7	-9.1	[redacted]
	INSTALLATION EFFECT ON WB		LB/MIN	-4.0	-4.0	[redacted]
WBCOR	BLEED AIRFLOW CORRECTED TO SEA LEVEL, 100F, INSTALLED		LB/MIN	157.3	141.2	[redacted]
DELTB	BLEED TEMPERATURE LAPSE RATE CORRECTION		DEG F	47.	24.	[redacted]
TBCOR	BLEED TEMPERATURE CORRECTED TO SEA LEVEL, 100F, INSTALLED		DEG F	415.	426.	[redacted]
DELEGT	EGT LAPSE RATE CORRECTION		DEG F	96.	53.	[redacted]
	APU DELTA P CORRECTION ON EGT-(33*(PCELL-PS9)/(PCELL/14.696))		DEG F	0.	0.	[redacted]
	INSTALLATION EFFECT ON EGT		DEG F	30.	30.	[redacted]
	EXCESS BLEED PRESSURE CORRECTION ON EGT-- (-10*(PBCOR-PBREQ))		DEG F	5.	3.	[redacted]
EGTCOR	EGT CORRECTED TO SEA LEVEL, 100F, INSTALLED, AT PBREQ		DEG F	1006.	1016.	[redacted]
	SEA LEVEL FUEL FLOW -- WF/(PCELL/14.696)*(FLHV/18550)		LB/HR	254.4	272.8	[redacted]
DELWF	FUEL FLOW LAPSE RATE CORRECTION		LB/HR	14.2	-6.3	[redacted]
	APU DELTA P CORRECTION ON WF --(8*(PCELL-PS9)/(PCELL/14.696))		LB/HR	0.0	0.0	[redacted]
	INSTALLATION EFFECT ON WF		LB/HR	0.6	0.6	[redacted]
	EXCESS BLEED PRESSURE CORRECTION ON WF -- (-4*(PBCOR-PBREQ))		LB/HR	2.1	1.1	[redacted]
WFCOR	FUEL FLOW CORRECTED TO SEA LEVEL, 100F, INSTALLED, AT PBREQ		LB/HR	267.1	266.0	[redacted]

[redacted] - DATA NOT NEEDED OR APPLICABLE QA APPROVAL 0037

DATE 10/16/15
TEST CREW G Lounds
CELL 803
PROD. RELEASE
OR R/O # 5009061868

GAS TURBINE TEST LOG

PAGE NO. 1
ASSY. NO. 3800702-1
S/N P-6767
Build # 01

START TIME	STOP TIME	RUN MIN.	STARTS	TIME	REMARKS
				P/T	Engine inst , scav. line in exhaust port torqued to 140" lb., Checklist c/w per T.I.
					DMM set to 0. LOQ switch ck = LOW. Serviced with BP-2380 Oil
					New off calib. engine R/O =10,950 P-oil = 24.8 psig. no external leaks noted.
					Gerarbox reserviced to full, mag plug checks clean. Faults Cleared.
1738	1755	:17	1		(A/C) A/S = 46 Secs. P 3.8(b) run in = C/W. T- Oil =176' Leak check c/w RTL S/D.
					Mag Plug and Oil level check good. P 3.8 & 3.9 c/w. ECU Bite check = 0 faults.
1801			2		(A/C) A/S = 35 Secs. P4.1 RTL DP0001@ 18:11 P4.1.2 ECS Performance Data
					Initial IGV POS. = 72 deg, PB. = 52.6 psi., Final IGV. POS. = 69.0 deg. Final
					PBCorr = 51.3 psi. ECS OFFset = - 3.0 DP 0002 @ 18:23 DP0003 @ 18:35
					P 4.1.4 DP0004@ 18:37 DP0005@ 18:39 P 4.1.4 (m) no surge.
	1847	:46 1:03			P 4.1.5 (b) no cycling. (d) No cycling. P 4.1.6 Surge margin DP0006 @ 18:42 S/D.
1853			3		(D/C) A/S to RTL = 36 Secs. DP0007 @ 19:03 DP0008@ 19:13
	1937	:44 1:47			DP0009 @ 19:32 Data Copied. ECU no faults. RTL S/D.
					Strip for final leak check, replaced filters, mag plug check c/w. Unit Washdown
					Oil level check = ok. ECU no faults.
2003	2013	:10 1:57	4		(D/C) A/S = 37 Secs. Leak check c/w. Unit preserved no faults S/D.
					Final DMM set @ - 2.0 Total fuel useage 63.0 gallons.
					Unit Accepted per T.I.
					10/16/15
					PT 269
		TOTAL			

FT 269

FT 26

183

1	Item Count	126	126 NUMBER ENTRIES IN DMM
2	SW Version	0	0 ECU / DMM COMPATIBILITY SOFTWARE VERSION (SV)
3	APUser.pre	P	P APU SERIAL NUMBER PREFIX
4	APUser.num1	00	00 APU SERIAL NUMBER (FIRST 2 DIGITS)
5	APUser.num2	00	00 APU SERIAL NUMBER (NEXT 2 DIGITS)
6	APUser.num3	67	67 APU SERIAL NUMBER (NEXT 2 DIGITS)
7	APUser.num4	67	67 APU SERIAL NUMBER (LAST 2 DIGITS)
8	APUser.suf		APU SERIAL NUMBER (SUFFIX 2 DIGITS)
9	APUhours	12422	12422 HOURS
10	APUminutes	33	33 MINUTES
11	APUcycles	14380	14380 CYCLES
12	ECS_OFFSET	-200	-2 ECS OFFSET DEGREES (SV)
13	FUELOFF100	0	0 FUEL FLOW OFFSET AT 100 POUNDS PPH (SV)
14	FUELOFF200	0	0 FUEL FLOW OFFSET AT 200 PPH (SV)
15	ABSTARTS	0	0 NUMBER OF UNSUCCESSFUL STARTS (SV)
16	APU_OPTIONS	0	0 APU OPTION FLAGS
17	FLTSTRT	0	0 NUMBER OF INFLIGHT STARTS (SV)
18	ABFLTSTRT	0	0 NUMBER OF UNSUCCESSFUL INFLIGHT STARTS (SV)
19	TURB_CYCLES	170	170 CYCLES SINCE TURBINE REPAIR (TB)
20	LC_CYCLES	170	170 CYCLES SINCE LOAD COMP REPAIR (LC)
21	EC_CYCLES	170	170 CYCLES SINCE ENGINE COMP REPAIR (EC)
22	CLOG_FILTER	0	0 NUMBER OF CLOGGED OIL FILTER SHUTDOWNS (SV)
23		0	0 SPARE
24		0	0 SPARE
25	INSTALLHR	0	0 TIME SINCE AIRPLANE INSTALLATION HOURS (SV)
26	INSTALLMIN	0	0 TIME SINCE AIRPLANE INSTALLATION MINUTES (SV)
27	ECSHOURS	0	0 OPERATING TIME IN ECS HOURS (SV)
28	ECSMINUTES	0	0 OPERATING TIME IN ECS MINUTES (SV)
29	FLTHOURS	0	0 OPERATING TIME IN FLIGHT HOURS (SV)
30	FLTMINUTES	0	0 OPERATING TIME IN FLIGHT MINUTES (SV)
31	HOTTIME	0	0 OPERATING HOURS T2 GREATER 100 DEGF (SV)
32	COLDTIME	0	0 OPERATING HOURS T2 LESS 0 DEGF (SV)
33	NMES	0	0 NUMBER OF MAIN ENGINE STARTS (SV)
34	HIGHSTRT	0	0 NUMBER OF START ATTEMPTS ABOVE 25000 FT (SV)
35	BRRSTRT	0	0 NUMBER OF STARTS OILTEMP LESS 0 DEGF (SV)
36	BRRRRSTRT	0	0 NUMBER OF STARTS OILTEMP LESS -40 DEGF (SV)
37	LOWOILPR	0	0 NUMBER OF LOW OIL PRESSURE SHUTDOWNS (SV)
38	NUM3LOP	0	0 NUMBER OF 3 CONSECUTIVE LOP SHUTDOWNS (SV)
39	CONSECLOP	0	0 NUMBER OF CONSECUTIVE LOP SHUTDOWNS (SV)
40	HOT	0	0 NUMBER OF HIGH OIL TEMPERATURE SHUTDOWNS (SV)
41	OVRTMPGOV	0	0 NUMBER OF ONSPEED OVERTEMP SHUTDOWNS (SV)
42	OVRTMPSTRT	0	0 NUMBER OF STARTING OVERTEMP SHUTDOWNS (SV)
43	REVFLOW	0	0 NUMBER OF REVERSE FLOW SHUTDOWNS (SV)
44	NOACCEL	0	0 NUMBER OF NO ACCELERATION SHUTDOWNS (SV)
45	OVERSPEED	0	0 NUMBER OF OVERSPEED SHUTDOWNS (SV)
46	UNDERSPEED	0	0 NUMBER OF UNDERSPEED SHUTDOWNS (SV)
47	INFLTSD	0	0 NUMBER OF INFLIGHT SHUTDOWNS (SV)
48	AKWECS(1)	0	0 AVERAGE GEN LOAD ECS KW * (SV)
49	AKWECS(2)	0	0 AVERAGE GEN LOAD ECS KW (SV)
50	AKWMES(1)	0	0 AVERAGE GEN LOAD MES KW * (SV)
51	AKWMES(2)	0	0 AVERAGE GEN LOAD MES KW (SV)
52	AKWFLT(1)	0	0 AVERAGE GEN LOAD INFLIGHT KW * (SV)
53	AKWFLT(2)	0	0 AVERAGE GEN LOAD INFLIGHT KW (SV)
54	AT4ECS(1)	0	0 AVERAGE T4 ECS DEG F* (SV)
55	AT4ECS(2)	0	0 AVERAGE T4 ECS DEG F (SV)
56	AT4MES(1)	0	0 AVERAGE T4 MES DEG F* (SV)
57	AT4MES(2)	0	0 AVERAGE T4 MES DEG F (SV)
58	AT4FLT(1)	0	0 AVERAGE T4 INFLIGHT DEG F* (SV)
59	AT4FLT(2)	0	0 AVERAGE T4 INFLIGHT DEG F (SV)
60	T1800	0	0 HOURS T4 > 1800 DEG F (TB)
61	T1850	0	0 HOURS T4 > 1850 DEG F (TB)
62	T1900	0	0 HOURS T4 > 1900 DEG F (TB)
63	T1950	0	0 HOURS T4 > 1950 DEG F (TB)
64	T2000	0	0 HOURS T4 > 2000 DEG F (TB)
65	RECT4R	17046	1704.600 HIGHEST T4 ONSPEED DEGF (TB)
66	RECT5S	15324	1532.400 HIGHEST T5 DURING START DEGF (TB)
67	ABRTCLDN	0	0 NUMBER OF ABORTED COOLDOWNS (SV)
68	CT5ATP	13269	1032.690 AVERAGE CORR T5 DURING MES DEGF (TB)
69	MDNCT5ATP	11709	1017.090 MAIDEN CORR T5 DURING MES DEGF (TB)
70	CT5ATPXX500	0	900 CORR T5 MES AT XX500 HOURS DEGF
71	CT5ATPX1000	0	900 CORR T5 MES AT X1000 HOURS DEGF
72	CT5ATPX1500	0	900 CORR T5 MES AT X1500 HOURS DEGF
73	CT5ATPX2000	0	900 CORR T5 MES AT X2000 HOURS DEGF
74	CT5ATPX2500	0	900 CORR T5 MES AT X2500 HOURS DEGF
75	CT5ATPX3000	0	900 CORR T5 MES AT X3000 HOURS DEGF
76	CT5ATPX3500	0	900 CORR T5 MES AT X3500 HOURS DEGF
77	CT5ATPX4000	0	900 CORR T5 MES AT X4000 HOURS DEGF
78	CT5ATPX4500	0	900 CORR T5 MES AT X4500 HOURS DEGF
79	CT5ATPX5000	0	900 CORR T5 MES AT X5000 HOURS DEGF

80	CT5ATPX6000	0	900 CORR T5 MES AT X6000 HOURS DEGF
81	CT5ATPX7000	0	900 CORR T5 MES AT X7000 HOURS DEGF
82	CT5ATPX8000	0	900 CORR T5 MES AT X8000 HOURS DEGF
83	CT5ATPX9000	0	900 CORR T5 MES AT X9000 HOURS DEGF
84	CT5ATPX0000	0	900 CORR T5 MES AT X10000 HOURS DEGF
85	CPTATP	55332	55.332 AVERAGE CORR PT DURING MES PSIA (LC)
86	MDNCPTATP	55240	55.240 MAIDEN CORR PT DURING MES PSIA (LC)
87	CPTATPXX500	0	0 CORR PT DURING MES AT XX500 HOURS PSIA
88	CPTATPX1000	0	0 CORR PT DURING MES AT X1000 HOURS PSIA
89	CPTATPX1500	0	0 CORR PT DURING MES AT X1500 HOURS PSIA
90	CPTATPX2000	0	0 CORR PT DURING MES AT X2000 HOURS PSIA
91	CPTATPX2500	0	0 CORR PT DURING MES AT X2500 HOURS PSIA
92	CPTATPX3000	0	0 CORR PT DURING MES AT X3000 HOURS PSIA
93	CPTATPX3500	0	0 CORR PT DURING MES AT X3500 HOURS PSIA
94	CPTATPX4000	0	0 CORR PT DURING MES AT X4000 HOURS PSIA
95	CPTATPX4500	0	0 CORR PT DURING MES AT X4500 HOURS PSIA
96	CPTATPX5000	0	0 CORR PT DURING MES AT X5000 HOURS PSIA
97	CPTATPX6000	0	0 CORR PT DURING MES AT X6000 HOURS PSIA
98	CPTATPX7000	0	0 CORR PT DURING MES AT X7000 HOURS PSIA
99	CPTATPX8000	0	0 CORR PT DURING MES AT X8000 HOURS PSIA
100	CPTATPX9000	0	0 CORR PT DURING MES AT X9000 HOURS PSIA
101	CPTATPX0000	0	0 CORR PT DURING MES AT X10000 HOURS PSIA
102	CWFATP	0	0 AVERAGE CORR FUEL FLOW DURING MES PPH (SV)
103	MDNCWFATP	0	0 MAIDEN CORR FUEL FLOW DURING MES PPH (SV)
104	CWFATPXX500	0	0 ORR FUEL FLOW MES AT XX500 HOURS PPH
105	CWFATPX1000	0	0 CORR FUEL FLOW MES AT X1000 HOURS PPH
106	CWFATPX1500	0	0 CORR FUEL FLOW MES AT X1500 HOURS PPH
107	CWFATPX2000	0	0 CORR FUEL FLOW MES AT X2000 HOURS PPH
108	CWFATPX2500	0	0 CORR FUEL FLOW MES AT X2500 HOURS PPH
109	CWFATPX3000	0	0 CORR FUEL FLOW MES AT X3000 HOURS PPH
110	CWFATPX3500	0	0 CORR FUEL FLOW MES AT X3500 HOURS PPH
111	CWFATPX4000	0	0 CORR FUEL FLOW MES AT X4000 HOURS PPH
112	CWFATPX4500	0	0 CORR FUEL FLOW MES AT X4500 HOURS PPH
113	CWFATPX5000	0	0 CORR FUEL FLOW MES AT X5000 HOURS PPH
114	CWFATPX6000	0	0 CORR FUEL FLOW MES AT X6000 HOURS PPH
115	CWFATPX7000	0	0 CORR FUEL FLOW MES AT X7000 HOURS PPH
116	CWFATPX8000	0	0 CORR FUEL FLOW MES AT X8000 HOURS PPH
117	CWFATPX9000	0	0 CORR FUEL FLOW MES AT X9000 HOURS PPH
118	CWFATPX0000	0	0 CORR FUEL FLOW MES AT X10000 HOURS PPH
119	IGVATP	9002	90.020 IGV POSITION DURING MES DEGREES
120	NLOADSHED	0	0 NUMBER OF LOADSHED OCCURANCES (SV)
121	LOADSHED8P3	0	0 NUMBER OF LOADSHEDS P2 LESS 8.3 PSIA (SV)
122	LOADSHED5P2	0	0 NUMBER OF LOADSHEDS P2 LESS 5.2 PSIA (SV)
123	SPDROOPS	0	0 NUMBER OF SPEED DROOPS BELOW 85% SPEED (SV)
124	OVRHAUL_HR	0	0 HOURS SINCE LAST SHOP VISIT (SV)
125	OVRHAUL_MIN	0	0 MINUTES SINCE LAST SHOP VISIT (SV)
126	APU_HOURS_H	0	0 APU HOURS HIGH (ADD TO APUHOURS ENTRY 9)

Priority Pick List

10/14/2015 9:52:32 AM

5009065697

Order Id: 0004353536 **Kit Number:**
Consolidation Point Id: AZ17PR46
Final

Delivery/SVO #: 5009065697
Entry Date/Time: 10/14/2015
Ship To:
LLC_Flag:

Delivery Date: 11/05/2015
Priority: 0
Entered By: E543996
COFC_Flag:

Carrier:
FAA Inspect:
DD250_Flag:

6ZMAIN / / / LUBE MODULE / 3912

Honeywell certifies that the product(s) described hereon confirm to the applicable requirements and were procured, manufactured, or processed in accordance with Honeywell Quality Assurance system approved by the United States Government where applicable.

Authorized Signature - Quality Assurance, honeywell

LI	Sku_Id	Description	Order Qty	Lot Id	Alloc Qty	Actual Qty	Variance Qty	Aisle Id	Line Item Status	Batch Number	COO	ROO
1	C_3880938-1_A	ELEMENT FLTR OIL	2	None	2	2		03	Complete	0003181775	US	

1 pick(s)

Priority Pick List
10/14/2015 5:38:39 PM

5009061868

Order Id: 0004354854 **Kit Number:**
Consolidation Point Id: AZ17PR44
Final

Delivery/SVO #: 5009061868 **Delivery Date:** 11/04/2015 **Carrier:**
Entry Date/Time: 10/14/2015 **Priority:** 0 **FAA Inspect:**
Ship To: **Entered By:** E845848
LLC_Flag: **COFC_Flag:** **DD250_Flag:**

APMAIN / APASSY / APU-Assembly / GTCP131-9B / P-6767

Honeywell certifies that the product(s) described hereon confirm to the applicable requirements and were procured, manufactured, or processed in accordance with Honeywell Quality Assurance system approved by the United States Government where applicable.

Authorized Signature - Quality Assurance, honeywell

Ll	Sku_Id	Description	Order Qty	Lot Id	Alloc Qty	Actual Qty	Variance Qty	Aisle Id	Line Item Status	Batch Number	COO	ROO
1	C_2685336_A	FILTER FUEL	1	None	1	1		01	Complete		US	

1 pick(s)

Honeywell

Inspection Rework Tag

Part Number: 3850104-2

Part Name: CAP, EXHAUST

Serial Number:

Alternate S/N :

Superior Order Number: 005009061868

Qty: 1.000

End Assy S/N: P-6767

C/C : ENGRNTL01

TSN: (Time Since New) **CSN:** (Cycles Since New) **TSO:** (Time Since Overhaul) **CSO:** (Cycles Since Overhaul)

Manual Reference#: 49-26-85 **Revision#:** 28 **Date:** 02/06/2015

Inspect	Stamp	Operation	Oper/Reqrd	Acc Stamp
OVERHAUL		Visual	AI 17	
CZI		FPI		
MPI		MAG		
Fan Support		BAL		
Gearbox		DIM		
Plenum Inspect		Curvic		
.		X Power		
REPAIR		Hand Finish		
Prop Strike		F.T.		
Lightning Strike		E.C.		
HSI		OPS Check		
Continue Time	AI 17	.		
General Check		.		

REMARKS

AI 17 FPI (IAW) NDT MANUAL -1%	10/14/15
Printed By: **D.Senft**	Date Printed: **10/14/2015**

Honeywell

Inspection Rework Tag

Part Number: 4131020-3

Part Name: LUBE MODULE

Alternate S/N :

Serial Number: 3912

Superior Order Number: 005009061868

Qty: 1.000

End Assy S/N: P-6767

C/C :

TSN: (Time Since New) **CSN:** (Cycles Since New) **TSO:** (Time Since Overhaul) **CSO:** (Cycles Since Overhaul)

Manual Reference#: 49-90-57 **Revision#:** 3 **Date:** 11/26/2007

Inspect	Stamp	Operation	Oper/Record	Acc Stamp
OVERHAUL		Visual	AI 41	
CZI		FPI		
MPI		MAG		
Fan Support		BAL		
Gearbox		DIM		
Plenum Inspect		Curvic		
.		X Power		
REPAIR	AI 41	Hand Finish		
Prop Strike		F.T.		
Lightning Strike		E.C.		
HSI		OPS Check		
Continue Time		.		
General Check		.		

REMARKS

AI 41 REPLACE FILTERS AT ANALYST BENCH	10/14/15 C/W 10/14/15 AI 41
Printed By: **J.Mangino**	Date Printed: **10/14/2015**

Honeywell

Inspection Rework Tag

Part Number: 3888448-1

Part Name: HARNESS, WIRING

Alternate S/N :

Serial Number:

Superior Order Number: 005009061868

Qty: 1.000

End Assy S/N: P-6767

C/C :

TSN: (Time Since New)

CSN: (Cycles Since New)

TSO: (Time Since Overhaul)

CSO: (Cycles Since Overhaul)

Manual Reference#: 49-11-11

Revision#: 2

Date: 08/03/2005

Inspect	Stamp	Operation	Oper/Reqrd	Acc Stamp
OVERHAUL		Visual		
CZI		FPI		
MPI		MAG		
Fan Support		BAL		
Gearbox		DIM		
Plenum Inspect		Curvic		
.		X Power		
REPAIR		Hand Finish		
Prop Strike		F.T.		
Lightning Strike		E.C.		
HSI		OPS Check		
Continue Time		.		
General Check		.		

REMARKS

Printed By: **S.Preuss**	Date Printed: **10/15/2015**

ANALYTICAL CHECK SHEET FORM

Honeywell

Repair Facility :Phoenix - Sky Harbor Honeywell International Inc 1944 E Sky Harbor Circle PHOENIX AZ 85034

Customer PO : 21486350
Notification No: 000322393935
Outline No : 3800702-1
Mod To Outline. :3800702-1

Customer : ENGRNTL01 MRO PHOENIX- ENGINES RENTAL BANK
Service Order No : 5009061868 **Sales Order No :** 6397601
Serial No: P-6767
Mod to S/N : P-6767 **Model No. :** 131-9B

	Material	Serial No.	Disp	Qty	Description	Service Order #
IN	3800702-1	P-6767	M	0	ENGINE OUTLINE, GAS TURBINE	5009061868
OUT	3800702-1	P-6767	M			

REWORK CODE : LFS
CONDITION CODE : **ACCT IND :**

ANALYST REMARKS :

	Material	Serial No.	Disp	Qty	Description	Service Order #
IN	..3291238-2	2955	U	1	VALVE, CONTROL, SURGE	
OUT	3291238-2	2955	U			

REWORK CODE :
CONDITION CODE : **ACCT IND :** 56 Continue Time Inspection

ANALYST REMARKS :

	Material	Serial No.	Disp	Qty	Description	Service Order #
IN	..28B545-9	52-F0053	U	1	STARTER/GENERATOR, AC OUTLINE	
OUT	28B545-9	52-F0053	U			

REWORK CODE :
CONDITION CODE : **ACCT IND :**

ANALYST REMARKS :

	Material	Serial No.	Disp	Qty	Description	Service Order #
IN	..3876298-3	1316222105146	U	1	SENSOR OIL LVL	
OUT	3876298-3	1316222105146	U			

REWORK CODE :
CONDITION CODE : **ACCT IND :** 56 Continue Time Inspection

ANALYST REMARKS :

	Material	Serial No.	Disp	Qty	Description	Service Order #
IN	..441921-5	CUC11798	O	1	CONTROL FUEL	
OUT	441921-5		O			

REWORK CODE :
CONDITION CODE : **ACCT IND :** 56 Continue Time Inspection

ANALYST REMARKS :

	Material	Serial No.	Disp	Qty	Description	Service Order #
IN	...2685336		N	1	FILTER, FUEL	
OUT	2685336		N			

REWORK CODE :
CONDITION CODE : 6360 100% upon Removal **ACCT IND :**

ANALYST REMARKS :
100% at removal
100% at removal

ANALYTICAL CHECK SHEET FORM

Honeywell

Repair Facility :Phoenix - Sky Harbor Honeywell International Inc 1944 E Sky Harbor Circle PHOENIX AZ 85034

Customer PO : 21486350
Notification No: 000322393935
Outline No : 3800702-1
Mod To Outline. :3800702-1

Customer : ENGRNTL01 MRO PHOENIX- ENGINES RENTAL BANK
Service Order No : 5009061868 **Sales Order No :** 6397601
Serial No: P-6767
Mod to S/N : P-6767 **Model No. :** 131-9B

	Material	Serial No.	Disp	Qty	Description	Service Order #
IN	..4131020-3	3912	R	1	LUBE MODULE	5009065697
OUT	4131020-3		R			

REWORK CODE : 901
CONDITION CODE : 6110 See comments **ACCT IND :**

ANALYST REMARKS :
repair on bench ordered filters
repair on bench ordered filters

	Material	Serial No.	Disp	Qty	Description	Service Order #
IN	..3876287-1	GE3040	U	1	DATA MEMORY MODULE	
OUT	3876287-1	GE3040	U			

REWORK CODE :
CONDITION CODE : **ACCT IND :** 56 Continue Time Inspection

ANALYST REMARKS :

	Material	Serial No.	Disp	Qty	Description	Service Order #
IN	..3291214-2	587	U	1	VALVE OUTLINE, APU BLEED AIR, 3.50 INCH	
OUT	3291214-2	587	U			

REWORK CODE :
CONDITION CODE : **ACCT IND :** 56 Continue Time Inspection

ANALYST REMARKS :

	Material	Serial No.	Disp	Qty	Description	Service Order #
IN	..3876223-1		U	1	TRANSDUCER, MOTIONAL PICKUP	
OUT	3876223-1		U			

REWORK CODE :
CONDITION CODE : **ACCT IND :**

ANALYST REMARKS :

	Material	Serial No.	Disp	Qty	Description	Service Order #
IN	..3876225-2	1011214006608	U	1	SENSOR, PRESSURE	
OUT	3876225-2	1011214006608	U			

REWORK CODE :
CONDITION CODE : **ACCT IND :** 56 Continue Time Inspection

ANALYST REMARKS :

	Material	Serial No.	Disp	Qty	Description	Service Order #
IN	..3876227-2	151121427410	U	1	SENSOR PRESS DIFF	
OUT	3876227-2	151121427410	U			

REWORK CODE :
CONDITION CODE : **ACCT IND :** 56 Continue Time Inspection

ANALYST REMARKS :

ANALYTICAL CHECK SHEET FORM

Honeywell

Repair Facility :Phoenix - Sky Harbor Honeywell International Inc 1944 E Sky Harbor Circle PHOENIX AZ 85034

Customer PO : 21486350
Notification No: 000322393935
Outline No : 3800702-1
Mod To Outline. :3800702-1

Customer : ENGRNTL01 MRO PHOENIX- ENGINES RENTAL BANK
Service Order No : 5009061868 **Sales Order No :** 6397601
Serial No: P-6767
Mod to S/N : P-6767 **Model No. :** 131-9B

	Material	Serial No.	Disp	Qty	Description	Service Order #
IN	..3888058-7	131018	U	1	EXCITER, IGNITION	
OUT	3888058-7	131018	U			

REWORK CODE :
CONDITION CODE : **ACCT IND :** 56 Continue Time Inspection

ANALYST REMARKS :

	Material	Serial No.	Disp	Qty	Description	Service Order #
IN	..3886188-3	6021	U	1	ACTUATOR, INLET GUIDE VANE	
OUT	3886188-3	6021	U			

REWORK CODE :
CONDITION CODE : **ACCT IND :** 56 Continue Time Inspection

ANALYST REMARKS :

	Material	Serial No.	Disp	Qty	Description	Service Order #
IN	..160564-2	5016	U	1	COOLER OIL	
OUT	160564-2	5016	U			

REWORK CODE :
CONDITION CODE : **ACCT IND :** 56 Continue Time Inspection

ANALYST REMARKS :

	Material	Serial No.	Disp	Qty	Description	Service Order #
IN	..160550-1	2053	U	1	VALVE, TEMPERATURE CONTROL-OUTLINE	
OUT	160550-1	2053	U			

REWORK CODE :
CONDITION CODE : **ACCT IND :** 56 Continue Time Inspection

ANALYST REMARKS :

	Material	Serial No.	Disp	Qty	Description	Service Order #
IN	..692546-4	10549	U	1	VALVE, SOLENOID	
OUT	692546-4	10549	U			

REWORK CODE :
CONDITION CODE : **ACCT IND :** 56 Continue Time Inspection

ANALYST REMARKS :

	Material	Serial No.	Disp	Qty	Description	Service Order #
IN	..3850104-2		U	1	CAP, EXHAUST	
OUT	3850104-2		U			

REWORK CODE :
CONDITION CODE : **ACCT IND :**

ANALYST REMARKS :

ANALYTICAL CHECK SHEET FORM

Honeywell

Repair Facility :Phoenix - Sky Harbor Honeywell International Inc 1944 E Sky Harbor Circle PHOENIX AZ 85034

Customer PO : 21486350
Notification No: 000322393935
Outline No : 3800702-1
Mod To Outline. :3800702-1

Customer : ENGRNTL01 MRO PHOENIX- ENGINES RENTAL BANK
Service Order No : 5009061868 **Sales Order No :** 6397601
Serial No: P-6767
Mod to S/N : P-6767 **Model No. :** 131-9B

	Material	Serial No.	Disp	Qty	Description	Service Order #
IN	.ELECTRICAL		R	1	ELECTRICAL ASSEMBLY	5009065150
OUT	ELECTRICAL		U			

REWORK CODE : 299
CONDITION CODE : 6110 See comments **ACCT IND :**

ANALYST REMARKS :
functional test
FT IAW SIL APU-126 if fails repair as required.

The unit was disassembled and inspected to the appropriate manual and the items not listed in the Check Sheets have been visually inspected per the appropriate manual and meet all criteria for re-assembly.

10-14-15 AJ 17

Print Date: 10/14/2015 AJ 17

1. Approving Competent Authority / Country:	2.	3. Form Tracking Number
LUFTFAHRT - BUNDESAMT/ Germany	**AUTHORISED RELEASE CERTIFICATE** **EASA FORM 1**	W19-0178

4. Organization Name and Address:			5. Work Order/Contract/Invoice
TUI	TUI fly GmbH Flughafenstraße 10 Hannover –Airport D-30855 Langenhagen	Tel. No: +49 (0)511 9727-0 FAX No: +49 (0)511 770 330 56 Sita: HAJTLX3	R24284119

6. Item	7. Description	8. Part No.	9. Qty.	10. Serial No.	11. Status/Work
1	Auxiliary Power Unit	3800702-1	1	P-6767	Inspected/tested

12. Remarks

APU received serviceable on Form1 No MAINT05046. CM project raised and work performed to complete Loan return checks as requested on PWR IAW AMM D633A101-HAP Rev 70 Dated 15th Oct 2019.
For further details of work carried outsee Repair Order listed in box 5 and CM project CM179268. This cert only covers work carried out on this repair order and CM project.
APU released to service subject to accomplishment of requirements in attached TEM-035's
Requirements: For all other comtinuing airworthiness requirements refer to TUI Airways Part M

TSN: 14318.70 CSN: 16733

Transport Canada Civil Aviation Approval No. 810-16

☒ see attached workshop records for further information

13a. Certifies that the items identified above were manufactured in conformity to:	14a.
☐ approved design data and are in a condition for safe operation ☐ non-approved design data specified in block 12	☒ Part-145.A.50 Release to Service ☒ Other regulation specified in block 12 Certifies that unless otherwise specified in block 12, the work identified in block 11 and described in block 12, was accomplished in accordance with Part-145 and in respect to that work the items are considered ready for release to service.

13b. Authorised Signature	13c. Approval/ Authorisation Number	14b. Authorised Signature	14c. Certificate/Approval Ref. No.
		DE.145.0016 4046	**DE.145.0016**
13d. Name	**13e. Date (dd/mmm/yyyy)**	**14d. Name**	**14e. Date (dd/mmm/yyyy)**
		Kevin Marrison	26 Nov 2019

USER/INSTALLER RESPONSIBILITIES

This certificate does not automatically constitute authority to install the item(s).

Where the user/installer performs work in accordance with regulations of an airworthiness authority different than the airworthiness authority specified in block 1, it is essential that the user/installer ensures that his/her airworthiness authority accepts items from the airworthiness authority specified in block 1.

Statements in block 13a and 14a do not constitute installation certification. In all cases aircraft maintenance records must contain an installation certification issued in accordance with the national regulations by the user/installer before the aircraft may be flown.

General Job Information

This status sheet shall be attached to each engine/ apu component workshop activity which describes to be performed i.a.w. the applicable CMM. All subsequent findings must be list in this document for corrective action and release to service.

This form shall be utilized at any of the following events:

- **Removal of an Engine/APU from an aircraft**
- **Receiving of an Engine/APU from a vendor**

This form has no CRS any work carried out for open items shall be in the Aircraft Technical Log or EASA form 1 with reference to (additional) work sheets.

Upon Engine/APU readiness in the shop this form shall be copied and send to TUI EM powerplant department on powerplant@tui.co.uk

The transit sheet shall remain with the major component until:

- Installation of the major component
- Receipt of the major component at vendor for rework

TEM-035b "preservation" completed	☒ Yes	☐ No				
TEM-035c "storage check" completed	☒ Yes	☐ No	Total Pages	Text	Of	Text
TEM-035d "outstanding work" completed	☐ Yes	☒ No	Total Pages	Text	Of	Text
TEM-035e "missing components" completed	☐ Yes	☒ No	Total Pages	Text	Of	Text

***Note**: For form TEM-035 C to E raise as many sheets as required and indicate the pages used above*

Item	Requirement				STAMP/SIGN
1.	Reason for removal:	Serviceable			DE.145.0016 4038
	Project number:	CM179268			
	EASA F1 Number	W19-0178		☐ N/A	
	Customer reference	PWR2616-D			
2.	Major Component Description:	APU			DE.145.0016 4038
	P/N: 3800702-1		S/N: P-6767		
	Date Received / Removed:	22/11/19			
	Received / Removed From	G-FDZD			
3.	Stand Details				DE.145.0016 4038
	Base P/N:	F72950-158	Base S/N:	IT0293	
	Cradle P/N:	C49010-50	Cradle S/N:	IT3596	
4.	Stand Details				
	Base P/N:	Text	Base S/N:	Text	
	Cradle P/N:	Text	Cradle S/N:	Text	
5.	Stand Details				
	Base P/N:	Text	Base S/N:	Text	
	Cradle P/N:	Text	Cradle S/N:	Text	

Movement Acceptance Record

At each component movement the receiving supervisor / inspector is to ensure that all transit sheet items are correct and all missing items have been recorded, then the next movement recorded accepting the component.

Item		Requirement		STAMP/SIGN
1.	Component removed from:	Text	☐ N/A	
	Component removed to:	Text	☐ N/A	
2.	Component removed from:	Text	☐ N/A	
	Component removed to:	Text	☐ N/A	
3.	Component removed from:	Text	☐ N/A	
	Component removed to:	Text	☐ N/A	
4.	Component removed from:	Text	☐ N/A	
	Component removed to:	Text	☐ N/A	
5.	Component removed from:	Text	☐ N/A	
	Component removed to:	Text	☐ N/A	

Closure by workshop staff:

Note: The 'Certificate of Release to Service to be given on the Aircraft Technical Log, CRS or EASA Form-1 i.a.w. Chapter 2.16 of the MOE

Date, Name, Stamp, Signature: 26/11/19 O'Leary

DE.145.0016 4038

1. General Job Information				
Form 1 Number	W19-0178	☐ n/a	Project No.	CM179268
ESN	P-6767		Project Order No.	R24284119
EASA F1 No.	W19-0178		Customer Reference	PWR 2616-D

2. Preservation at removal					Stamp/Sign
The oil system is preserved	☐ Yes	☒ No	WO Reference	Text	
The fuel system is preserved	☐ Yes	☒ No	WO Reference	Text	
Engine is fully blanked	☐ Yes	☒ No			
Correct label attached	☐ Yes	☒ No			

3. Preservation Procedure					Stamp/Sign
Preservation procedure reference	At Shop				
The oil system is preserved	Date	date	WO Reference	Text	
The fuel system is preserved	Date	date	WO Reference	Text	
Blanked with vapour barrier material	☐ Yes	☒ No	Date	date	
Engine covered (transport bag, MVP bag, shrink wrapped)	☐ Yes	☒ No	Date	date	
Desicccant installed and amount	☐ Yes	☒ No			
Humidity Indicator Installed	☐ Yes	☒ No			
Period of Preservation	N/A				
Date preservation expires			Expiry Dae		
Date first storage check due			Due Date	date	

4. Re-preservation procedure				Stamp/Sign
Re-Preservation Date	date	WO Reference	Text	
Date preservation expires		Expiry Date	date	
Date first storage check due		Due Date	date	

5. Re-preservation procedure				Stamp/Sign
Re-Preservation Date	date	WO Reference	Text	
Date preservation expires		Expiry Date	date	
Date first storage check due		Due Date	date	

6. Re-preservation procedure				Stamp/Sign
Re-Preservation Date	date	WO Reference	Text	
Date preservation expires		Expiry Date	date	
Date first storage check due		Due Date	date	

7. Re-preservation procedure				Stamp/Sign
Re-Preservation Date	date	WO Reference	Text	
Date preservation expires		Expiry Date	date	
Date first storage check due		Due Date	date	

Closure by workshop staff:

Note: The 'Certificate of Release to Service to be given on the Aircraft Technical Log, CRS or EASA Form-1 i.a.w. Chapter 2.16 of the MOE

DE.145.0016 4038

Date, Name, Stamp, Signature: 26/4/19 OLEARY

1. General Job Information				
Form 1 Number	W19-0178	☐ n/a	Project No.	CM179268
ESN	P-6767		Project Order No.	R24284119
EASA F1 No.	W19-0178		Customer Reference	PWR2616-D

2. Storage Checks			Stamp/Sign
Storage Inspection due on:	date		
Storage check required:	☐ Yes	☐ No	
If No, indicate CM project No.	Text		
Storage check carried i.a.w.:	Text		
Storage check carried out satisfactorily	☐ Yes	☐ No	
If no, record rectification carried out:	Text		

3. Storage Checks			Stamp/Sign
Storage Inspection due on:	date		
Storage check required:	☐ Yes	☐ No	
If No, indicate CM project No.	Text		
Storage check carried i.a.w.:	Text		
Storage check carried out satisfactorily	☐ Yes	☐ No	
If no, record rectification carried out:	Text		

4. Storage Checks			Stamp/Sign
Storage Inspection due on:	date		
Storage check required:	☐ Yes	☐ No	
If No, indicate CM project No.	Text		
Storage check carried i.a.w.:	Text		
Storage check carried out satisfactorily	☐ Yes	☐ No	
If no, record rectification carried out:	Text		

5. Storage Checks			Stamp/Sign
Storage Inspection due on:	date		
Storage check required:	☐ Yes	☐ No	
If No, indicate CM project No.	Text		
Storage check carried i.a.w.:	Text		
Storage check carried out satisfactorily	☐ Yes	☐ No	
If no, record rectification carried out:	Text		

Closure by workshop staff:

Note: The 'Certificate of Release to Service to be given on the Aircraft Technical Log, CRS or EASA Form-1 i.a.w. Chapter 2.16 of the MOE

Date, Name, Stamp, Signature: 26/4/19 OLIVEIRA

DE.145.0016 4038

1. General Job Information							
Record all outstanding work / installation test(s) that must be completed before flight							
Form 1 Number	W19-0178 ☐ n/a		Project No.	CM179268			
ESN	P-6767		Project Order No.	R24284119			
EASA F1 No.	W19-0178		Customer Reference	PWR2616-D			
Further outstanding work sheets raised			☐ Yes ☒ No	Sheet no.	1	Of	1

2. Outstanding work / installation test				Stamp/Sign
Raised by:	C O'Leary	Date	26/11/19	
Outstanding work / installation test:				
Remove All Blanks				

3. Outstanding work / installation test				
Raised by:	C O'Leary	Date	26/11/19	
Outstanding work / installation test:				
Check / Replenish all fluid levels				

4. Outstanding work / installation test				
Raised by:	C O'Leary	Date	26/11/19	
Outstanding work / installation test:				
Gearbox MCD Inspected, Carry out Leak Check as requested In 49-91-81-200-801.				

5. Outstanding work / installation test				
Raised by:	C O'Leary	Date	26/11/19	
Outstanding work / installation test:				
APU Oil Filter replaced, Carry out Leak Checks As Requested in 49-91-12-400-802.				

6. Outstanding work / installation test				
Raised by:	Text	Date	date	
Outstanding work / installation test:				
Text				

7. Outstanding work / installation test				
Raised by:	Text	Date	date	
Outstanding work / installation test:				
Text				

Closure by workshop staff:

Note: The 'Certificate of Release to Service to be given on the Aircraft Technical Log, CRS or EASA Form-1 i.a.w. Chapter 2.16 of the MOE

Date, Name, Stamp, Signature: _____

1. General Job Information							
Record all outstanding work / installation test(s) that must be completed before flight							
Form 1 Number	W19-0178 ☐ n/a		Project No.	CM179268			
ESN	P-6767		Project Order No.	R24284119			
EASA F1 No.	W19-0178		Customer Reference	PWR2616-D			
Further outstanding work sheets raised		☐ Yes ☒ No	Sheet no.	1	Of	1	

2. Missing components to be installed before flight				Stamp/Sign
Raised by:	C O'Leary	Date	26/11/19	
Missing Component Description:	**Bleed Duct & Clamps**			
P/N: Text	S/N: Text			

3. Missing components to be installed before flight				
Raised by:	C O'Leary	Date	26/11/19	
Missing Component Description:	**Muffler Drain**			
P/N: Text	S/N: Text			

4. Missing components to be installed before flight				
Raised by:	C O'Leary	Date	26/11/19	
Missing Component Description:	**Fuel Tube**			
P/N: Text	S/N: Text			

5. Missing components to be installed before flight				
Raised by:	Text	Date	date	
Missing Component Description:	Text			
P/N: Text	S/N: Text			

6. Missing components to be installed before flight				
Raised by:	Text	Date	date	
Missing Component Description:	Text			
P/N: Text	S/N: Text			

7. Missing components to be installed before flight				
Raised by:	Text	Date	date	
Missing Component Description:	Text			
P/N: Text	S/N: Text			

Closure by workshop staff:

Note: The 'Certificate of Release to Service to be given on the Aircraft Technical Log, CRS or EASA Form-1 i.a.w. Chapter 2.16 of the MOE

Date, Name, Stamp, Signature: _____

1. Approving Competent Authority / Country:	2. **AUTHORISED RELEASE CERTIFICATE EASA FORM 1**	3. Form Tracking Number:
UK Civil Aviation Authority / U.K.		W19 - 0058

4. Organisation Name and Address:	5. Work Order / Contract / Invoice:
TUI TUI Airways Limited Wigmore House Wigmore Lane Luton LU2 9TN (UK)	R22597019

6. Item:	7. Description:	8. Part No.:	9. Qty.-:	10. Serial No.:	11. Status / Work:
1	Auxiliary Power Unit	3800702-1	1	P-6767	Inspected /Tested

12. Remarks:

APU RECEIVED SERVICEABLE ON FORM1 NO MAINT04112. CM PROJECT RAISED AND WORK PERFORMED TO COMPLETE END OF LEASE CHECKS AS REQUESTED ON PWR 2543-D. IAW AMM D633A101-HAP REV 68 DATED 15 FEB 2019. FOR FURTHER DETAILS OF WORK CARRIED OUT SEE REPAIR ORDER LISTED IN BOX 5 AND CM PROJECT CM174380. THIS CERT ONLY COVERS WORK CARRIED OUT ON THIS REPAIR ORDER AND CM PROJECT. APU RELEASED TO SERVICE SUBJECT TO ACCOMPLISHMENT OF REQUIREMENTS LISTED IN ATTACHED ENG 2112'S

TSN: 13478.20 CSN: 15392

REQUIREMENTS: FOR ALL OTHER CONTINUING AIRWORTHINESS REQUIREMENTS REFER TO TUI AIRWAYS PART M

Transport Canada Civil Aviation Approval No. 807-28

☐ see attached workshop records for further information

13a. Certifies that the items identified above were manufactured in conformity to:	14a. ☒ PART-145.A.50 Release to Service ☒ Other regulation specified in block 12
☐ approved design data and are in condition for safe operation ☐ non-approved design data specified in block 12	**Certifies that unless otherwise specified in block 12, the work identified in block 11 and described in block 12, was accomplished in accordance with Part-145 and in respect to that work the items are considered ready for release to service.**

13b. Authorised Signature:	13c. Approval / Authorisation Number:	14b. Authorised Signature:	14c. Certificate / Approval Ref. No.:
		4046 UK.145.00112	**UK.145.00112**
13d. Name:	13e. Date (dd mmm yyyy):	14c. Name: Kevin Marrison	14e. Date (dd mmm yyyy): 20 Mar 2019

USER/INSTALLER RESPONSIBILITIES

This certificate does not automatically constitute authority to install the item(s)
Where the user/installer performs work in accordance with regulations of an airworthiness authority different than the airworthiness authority specified in block 1 it is essential that the user/installer ensures that his/her airworthiness authority accepts items from the airworthiness authority specified in block 1.
Statements in blocks 13a and 14a do not constitute installation certification. In all cases aircraft maintenance records must contain an installation certification issued in accordance with the national regulations by the user/installer before the aircraft may be flown.

THOMSON AIRWAYS LIMITED

Engine / APU Transit sheet Part A

Form Contents List

ENG/2112 A - Major item description and overview, Stand Details, Movement acceptance
ENG/2112 B - Preservation
ENG/2112 C - Storage
ENG/2112 D - Outstanding work / Installation test
ENG/2112 E - Missing items

Notes :

1. The purpose of this form is to record the status of an engine or APU
2. This form should be utilised at any of the following events : removal of an engine, APU etc from an aircraft or when an engine, APU etc is received from a vendor ie engine overhaul.
3. This form has no CRS, any work carried out for open items should be certified either on additional work sheets or in the aircraft tech log.
4. This form should be copied and emailed to Thomson Airways powerplant dept on powerplant@thomson.co.uk at the point when the installation to an aircraft is complete or the major component is about to leave a facility. The up-to-date transit sheet is to remain with the major component until :
    a. Installation of the major component when the transit sheet should be introduced into the completed work pack for the installation.
    b. Receipt of the major component at vendor for rework.
5. For each ENG/2112 section C to F, raise as many sheets as required, record the number of pages raised below:

ENG/2112 A – Pages 2

ENG/2112 B – Pages 1

ENG/2112 C – Pages 1

ENG/2112 D - Pages 1

ENG/2112 E - Pages 1

THOMSON AIRWAYS LIMITED

Engine / APU Transit sheet Part A

Item	Requirement	Signature / Stamp / Date
1.	Major component description : APU P/N : 38000702-1 S/N : P-6767 Date received / removed: 18 MARCH 2019 Received / removed from (ex a/c reg. And position or repair shop) G-FDZR	4038 UK.145.00112 20/3/19
1.1	REASON FOR REMOVAL or RECEIPT CONDITION FROM VENDOR : I.E. (REFURB / REPAIR / U/S / SERVICEABLE) SERVICEABLE Form 1 Number (if applicable) MAINT04112	4038 UK.145.00112 20/3/19
2A	Stand Details Base P/N____ Base S/N____ Cradle P/N____ Cradle S/N____	
2B	Stand Details Base P/N____ Base S/N____ Cradle P/N____ Cradle S/N____	
2C	Stand Details Base P/N____ Base S/N____ Cradle P/N____ Cradle S/N____	
3.	MOVEMENT ACCEPTANCE RECORD: At each component movement, the receiving Supervisor / Inspector is to ensure that all Transit Sheet items are correct and all missing items have been recorded, then the next movement recorded accepting the component.	
3.B	Component moved from to	
3.C	Component moved from to	
3.D	Component moved from to	

THOMSON AIRWAYS LIMITED

Engine / APU Transit sheet Part B

	ESN P-6767 Form 1 Number W19-0058	
Item	Requirement	Signature / Stamp / Date
B.1	PRESERVATION : AT REMOVAL: The Oil system is preserved ~~Yes~~ / No WO REF N/A The Fuel System is preserved ~~Yes~~ / No WO REF N/A Engine is fully blanked ~~Yes~~ / No Correct label attached ~~Yes~~ / No	4038 UK.145.00112 20/3/19
B.2	Preservation Procedure Oil system preserved (if not done at removal) WO REF N/A Date Fuel system preserved (if not done at removal) WO REF N/A Date Blanked with Vapour barrier material Date Engine covered (Transport bag / MVP bag / shrink wrapped) Date Desiccant installed and amount ~~Yes~~ / No N/A Humidity Indicator installed ~~Yes~~ / No Period of preservation Date Preservation Expires Date First storage check due	4038 UK.145.00112 20/3/19
B.3	Re-preservation carried out. Work order / Job Card Ref. : Preservation date : Re-preservation due date : Date First storage check due:	
B.4	Re-preservation carried out. Work order / Job Card Ref. : Preservation date : Re-preservation due date : Date First storage check due:	
B.5	Re-preservation carried out. Work order / Job Card Ref. : Preservation date : Re-preservation due date : Date First storage check due:	

THOMSON AIRWAYS LIMITED

Engine / APU Transit sheet Part C

	ESN P-6767 Form 1 Number W19-0058	
Item	Requirement	Signature / Stamp / Date
	Storage checks are carried out IAW the Manufacturers procedures and (when under Thomson Control) CATP 23 2.6	
C._	Storage Inspection due on :____ Storage check required? Yes / No If No CM project No_________ Storage check carried out IAW __________________ satisfactorily? Yes / No If No record rectification carried out: ______________________________ ______________________________	
C._	Storage Inspection due on :______________ Storage check required? Yes / No If No CM project No_________ Storage check carried out IAW __________________ satisfactorily? Yes / No If No record rectification carried out: ______________________________ ______________________________	
C._	Storage Inspection due on :______________ Storage check required? Yes / No If No CM project No_________ Storage check carried out IAW __________________ satisfactorily? Yes / No If No record rectification carried out: ______________________________ ______________________________	
C._	Storage Inspection due on :______________ Storage check required? Yes / No If No CM project No_________ Storage check carried out IAW __________________ satisfactorily? Yes / No If No record rectification carried out: ______________________________ ______________________________	
C._	Storage Inspection due on :______________ Storage check required? Yes / No If No CM project No_________ Storage check carried out IAW __________________ satisfactorily? Yes / No If No record rectification carried out: ______________________________ ______________________________	
C._	Storage Inspection due on : Storage check required? Yes / No If No CM project No_________ Storage check carried out IAW __________________ satisfactorily? Yes / No If No record rectification carried out: ______________________________ ______________________________	

THOMSON AIRWAYS LIMITED

Engine / APU Transit sheet Part D

	ESN P-6767 Form 1 Number W19-0058	
Item	Requirement	Signature / Stamp / Date
D	**Outstanding work / Installation test – Record all Outstanding work / Installation test in section D that must be accomplished before flight**	
D._1 Raised by 4038 UK.145.00112 Date 19/3/19	Outstanding work / Installation test **Remove All Blanks**	
D._2 Raised by 4038 UK.145.00112 Date 19/3/19	Outstanding work / Installation test **Check / Replenish all fluid levels**	
D._3 Raised by 4038 UK.145.00112 Date 19/3/19	Outstanding work / Installation test **Lube Filter Replaced. Carry out Installation test as required in Task 49-91-12-400-802**	
D.__ Raised by 4038 UK.145.00112 Date 19/3/19	Outstanding work / Installation test **Gearbox MCD Inspected, Carry out Leak Check as requested In 49-91-81-200-801.**	
D.__ Raised by Date	Outstanding work / Installation test	
D.__ Raised by Date	Outstanding work / Installation test	
D.__ Raised by Date	Outstanding work / Installation test	

These tasks must be transferred to the appropriate aircraft / shop documentation for closure and Release to Service. Closure stamp and signature are conformation that items have been transferred.

Further Sheet Raised?	~~Yes~~	No
Stamp	4038 UK.145.00112	

THOMSON AIRWAYS LIMITED

Engine / APU Transit sheet Part E

	ESN P-6767 Form 1 Number W19-0058	
Item	Requirement	Signature / Stamp / Date
E	**Missing components – All components listed below must be installed before flight**	
E.1 Raised by 4038 UK.145.00112 Date 19/3/19	Missing component : **Bleed Duct & Clamps** Example P/N	
E.2 Raised by 4038 UK.145.00112 Date 19/3/19	Missing component : **Muffler Drain** Example P/N	
E.3 Raised by 4038 UK.145.00112 Date 19/3/19	Missing component : **Fuel Tube** Example P/N	
E.__ Raised by Date	Missing component : Example P/N	
E.__ Raised by Date	Missing component : Example P/N	
E.__ Raised by Date	Missing component : Example P/N	
E.__ Raised by Date	Missing component : Example P/N	

These tasks must be transferred to the appropriate aircraft / shop documentation for closure and Release to Service. Closure stamp and signature are conformation that items have been transferred.

Further Sheet Raised?	~~Yes~~	No
Stamp	4038 UK.145.00112	

1. Approving Competent Authority / Country:	2. **AUTHORISED RELEASE CERTIFICATE EASA FORM 1**	3. Form Tracking Number:
UK Civil Aviation Authority / U.K.		MAINT04112

4. Organisation Name and Address:	5. Work Order / Contract / Invoice:
TUI TUI Airways Limited Wigmore House Wigmore Lane Luton LU2 9TN (UK)	17796411

6. Item:	7. Description:	8. Part No.:	9. Qty.-:	10. Serial No.:	11. Status / Work:
1	APU	3800702-1	1	P-6767	INSPECTED/TESTED

12. Remarks:

Removed in a serviceable condition from G-FDZR for the purpose of loan item in accordance with AMM D633A101-HAP Revision 68 dated 15 Feb 2019

Serviceability verified I.A.W. attached ENG/1338

The next Life Requirement is N/A next due: N/A

The following airworthiness directives / modification are associated with this part: N/A

Transport Canada Civil Aviation Approval No. 807-28

☐ see attached workshop records for further information

13a. Certifies that the items identified above were manufactured in conformity to:	14a. ☑ PART-145.A.50 Release to Service ☑ Other regulation specified in block 12
☐ approved design data and are in condition for safe operation ☐ non-approved design data specified in block 12	**Certifies that unless otherwise specified in block 12, the work identified in block 11 and described in block 12, was accomplished in accordance with Part-145 and in respect to that work the items are considered ready for release to service.**

13b. Authorised Signature:	13c. Approval / Authorisation Number:	14b. Authorised Signature:	14c. Certificate / Approval Ref. No.:
		TUI 4267 UK.145.00112	UK.145.00112
13d. Name:	13e. Date (dd mmm yyyy):	14c. Name: DAVID BOYD	14e. Date (dd mmm yyyy): 15 MAR 2019

USER/INSTALLER RESPONSIBILITIES

This certificate does not automatically constitute authority to install the item(s)

Where the user/installer performs work in accordance with regulations of an airworthiness authority different than the airworthiness authority specified in block 1 it is essential that the user/installer ensures that his/her airworthiness authority accepts items from the airworthiness authority specified in block 1.

Statements in blocks 13a and 14a do not constitute installation certification. In all cases aircraft maintenance records must contain an installation certification issued in accordance with the national regulations by the user/installer before the aircraft may be flown.

TUI

ROBBERY / REMOVE IN 'S' CONDITION (R.I.S.C.)

1. Station Removed At: GLA	2. Date: 15/03/2019	3. RISC No: MAINT04112 Use assigned Form 1 No from Item 6

Removed From: *(A/c or Assembly as applicable)*				**Removed Component:**	
4. Aircraft Reg	G-FDZR	5. Aircraft Position		10. Removed Qty	
6. Assembly P/n	3800702-1			11. Component P/n	Use 1-off ENG 1338 per removed P/n
7. Assembly S/n	P-6767			12. Component S/n	Attach ENG 1338A for multiple S/n's
8. Assembly Description	APU			13. Component Description	
9. Removal Ref No (See Item 5)	17796411 This also becomes Form 1 Block 5 Ref No			14. Material Class (R or C)	From AMOS Part Admin screen

Reason for Removal:			
Robbery Requirement?	For A/c Reg:	At Location:	
If not Robbery – Why is it being removed as 'S' condition? :			
A/c Re-Config? ☐	Loan Return? X	End of Lease Request? ☐	Modification Request? ☐
Other Reason? ☐	Please Specify:		

Note: This form supports General Procedure PE007 (Robbery / Remove In 'S" Condition) located on DDL

Item	Detail	Insp
1.	Review the **components history** to ensure the component **and** its related system is currently fault free, has no outstanding maintenance requirements, and has not been involved in any incident / unusual events (such as heavy landing or lightning strike). *If Removing from an A/c:* *Review the Aircraft **Technical Log** and/or **Maintenance Work-Pack** (as applicable) and AMOS **Work Order Information Screen** [APN:1] filtered by **A/C + ATA** to reduce your search results.* *If Removing from a 'S' Assembly in Stores or 'U/S' Assembly on a Workshop Repair* *Review main assembly **Form 1** and/or **Workshop Paperwork** (as applicable)*	4267 UK.145.00112
2	**For Rotables:** Review AMOS **Rotable Administration / Actual Status Tab [APN:147]** to check compliance with any Life Control Requirements. Record **Next** Requirement (or N/a) : Due: ***Note**: If removing multiple S/ns, please record their details on ENG 1338A*	4267 UK.145.00112
3	**For Rotables:** Review AMOS **Modification Status Screen [APN:231]** to check for due date compliance with any component documents (SB's / AD's) ***Note**: Use AMOS User Guide APN:231 (on DDL) or consult Maintrol for assistance*	4267 UK.145.00112
4	Carry out an **Inspection** of the part being removed for satisfactory condition including but not limited to damage, corrosion or leakage.	4267 UK.145.00112

TUI

ROBBERY / REMOVE IN 'S' CONDITION (R.I.S.C.)

5	**Record the Components Removal** as follows: (clearly mark the option used) a) if you are removing from **an aircraft** : - **DO** raise an aircraft Work Order against donor Aircraft to record the removal and record the WO number in Header Block 9 of this form - **ALSO** - if you are robbing from an A/c on maintenance - record the robbery in the Maintenance Handover / Robbery Log b) If removing from **a 'S' Engine / APU / Nacelle:** (Blocker Doors, Actuators etc) - **DO NOT** make the Assembly U/s'; - **DO** raise a COMP Work Order against the donor assembly to record the removal and record the WO number in Header Block 9 of this form - **ALSO** - if removing from a Nacelle - raise a **T**ech Assist to Powerplant Group informing them of the Removal. Tech Assist No: ..... c) If you are removing from **any other 'S' assembly in a workshop :** - **DO** raise a COMP Work Order against the donor assembly; attach it to the donor assembly; and record the WO number in Header Block 9 of this form - **ALSO** make an entry in the workshops Robbery Log informing them of the Robbery d) If you are removing from **a U/s assembly in a Workshop** (Including Engine / APU) - **DO** make a note of the main assembly Repair Order number from workshop paperwork and record the R-Order number in Header Block 9 of this form - **ALSO** record the robbery in that workshops robbery log. (The Workshop staff will electronically remove / re-order / install it using their internal procedures) e) If removing from **any other 'S' item in main store system** : - **DO** complete a 'U/S' **T**ag with reference to the robbery details, and record the original 'S' Label Number in Header Block 9 of this form - **THEN** relocate the robbed assembly to the nearest 'U/S' component racks for routine repair processing.	4267 UK.145.00112 N/A N/A N/A N/A
6	Obtain an EASA Form 1 tracking number from Maintrol / Production Engineering at Luton - record the number into RISC No (Block 3 of this form) + EASA Form 1 (Block 3) Issue a new EASA Form 1 (ENG/1001) for the Removed Component and complete it i.a.w. general procedure GEN993 (EASA Form 1 Completion Instructions) (see DDL / Documents / Engineering Forms / General – Forms / ENG/1001) (see DDL / Documents / Engineering Procedures / General / GEN993)	4267 UK.145.00112

NAME: David Boyd **SIGNATURE:** DBoyd **AMOS ID:** 101809

DATE: 15/3/2019 **STAMP** 4267 UK.145.00112

Certifies that the work specified except as otherwise specified was carried out in accordance with Part-145 and in respect to that work the aircraft/aircraft component is considered ready for release to service. **C.A.A. Approval Ref: UK.145.00112**

Once complete

- send or email a signed copy of this form + ENG/1338A (if used) + a signed copy of the new EASA Form 1 to Technical Information Dept at LTN email: **RMA@thomson.co.uk** **(Internal = +RMA)**

- attach the signed original of this form + ENG/1338A (if used) + the signed original EASA Form 1 to the component for onward routing to the receiving A/c or stores receiving point (as applicable).

HONEYWELL RENTAL / LOANER APU CONDITION SHEET

TO BE COMPLETED AT TIME OF RENTAL / LOANER APU REMOVAL

RENTAL / LOANER APU MODEL 131-9B S/N P-6767

AIRCRAFT TYPE 737-800

AIRCRAFT S/N 35145 REGISTRATION NO. G-FDZR

OWNER / OPERATOR TUI AIRWAYS

RENTAL / LOANER APU REMOVED (AGENCY / LOCATION) TUI AIRWAYS

RENTAL/LOANER APU TIME: Installed at 13370.1 HOURS 15216 CYCLES DATE 05 FEB 2019.

Removed at 13478.2 HOURS 15392 CYCLES DATE 15/03/19

1.0 PRE-REMOVAL CHECK — SIGN OFF

1.1 Assure that APU functions in accordance with the aircraft operational requirements. — 4265 UK.145.00112

1.2 Light off to 100% 39 seconds ____ °F EGT 355 °C EGT
Record OAT ____ °F 10 °C Record Altitude 40 feet
Record Idle Temp ____ °F 334 °C
Items above to be recorded under no-load condition.
Record this information and date in the APU log book — 4265 UK.145.00112

1.3 Leak check the APU. (fuel-oil-air) Correct any leakage noted beyond specified limits. — 4265 UK.145.00112

1.4 Is main engine starting acceptable with this APU at time of removal? YES ✓ No — 4265 UK.145.00112

2.0 AFTER REMOVAL

2.1 Inspect APU inlet and exhaust areas for F.O.D. — 4038 UK.145.00112

2.2 Rotate the rotating group by hand to check for freedom of rotation and verify no unusual noise. — 4038 UK.145.00112

2.3 Oil filter check. Remove and replace the APU oil filter element. Inspect the removed filter for contamination. — 4038 UK.145.00112

2.4 Remove and inspect the oil sump magnetic plug. Clean and reinstall. — 4038 UK.145.00112

NOTE: If an unusual amount of metallic particles are found, notify Honeywell for APU disposition.

2.5 Inspect all APU plumbing lines and fittings for security, for security, condition and evidence of fretting. Correct any noted problem. — 4038 UK.145.00112

2.6 Visual inspect APU for any missing parts, such as LRU's, rivets, data plate, harness, lines, etc. — 4038 UK.145.00112

2.7 This engine has undergone all of the above tasks successfully and is suitable for reuse as a rental engine. — 4038 UK.145.00112

3.0 PREPARE APU FOR SHIPMENT

3.1 Install covers on compressor inlet, exhaust duct, electrical openings, fittings, plumbing lines, I/O valve port and necessary mounting pads. — 4038 UK.145.00112

3.2 Place APU in approved storage/shipping container. — 4038 UK.145.00112

3.3 Comply with all APU Log Book entry requirements. — 4038 UK.145.00112

Life Limited Parts & Back to Birth Traceability

Duplicate

ULTIMATE LIFE PART CARD

Part Name LIC ROTOR Part Number 3822400-5

Serial Number 04035010 4322 Part of Assy Part Number N/A

DATE		APU SERIAL NUMBER	AIRCRAFT SERIAL NUMBER	TIME ON PART THIS INSTALLATION		TOTAL TIME ON PART		REMARKS
INSTALLED	REMOVED			CYCLE	HOURS	CYCLE	HOURS	
18.07.2006		P-6767		Ø	Ø	2544	2209	60X00614
	01.08.14	P-6767		11225	9918,33	13769	12126,33	318460314
23. MRZ. 2015		P-6767		Ø	Ø	13769	12126,33	318460314

QS 1160 / 2001

Duplicate

ULTIMATE LIFE PART REPAIR RECORD

DATE	MAINTENANCE PERFORMED	AUTHORIZED SIGNATURE
14	TSN 12164.35 CSN 13769 OVERHAUL IAW IPM	
13	99-24-85 REV. 27, OM R31-196 REV. F	
10	NOTIFICATION 31898339	A. VERHEERAIN
19. MAI 2020	Repaired IN ACCORDANCE TSN: 14593,65	Honeywell Aerospace GmbH Approval Certificate Nr.: DE.145.0022
	WITH THE CURRENT MANUAL CSN: 17147	O. Seibel
	NDT check performed.	

LIFE LIMITED PART CARD

PART NAME: Rotor Compressor

PART NUMBER:

SERIAL NUMBER: 040350106719

ASSY. PART NUMBER: 3822391-6

DATE		ENGINE	AIRCRAFT	TIME ON PART THIS INSTALLATION		TOTAL TIME ON THIS PART		REMARKS
INSTALLED	REMOVED	SERIAL NO.	SERIAL NO.	CYCLE	HOURS	CYCLE	HOURS	
Oct-04	[redacted]	P-6767		00:00	00:00	00:00	00:00	
[redacted]								
	[redacted]							
[redacted]								
	[redacted]							
[redacted]								
	[redacted]							
[redacted]								
	[redacted]							
[redacted]								
	[redacted]							
[redacted]								
	[redacted]							

Honeywell

Honeywell International Inc.
Engines & Systems
P.O. Box 52181
Phoenix, Arizona 85072-2181

AX6167-4

[redacted]

LIFE LIMITED PART REPAIR RECORD

DATE	MAINTENANCE PERFORMED	AUTHORIZED SIGNATURE
18. MAI 2009	Inspected IN ACCORDANCE TSN: 4381 CSN: 5448	Honeywell Aerospace GmbH Approval Certificate Nr.: DE.145.0022
	WITH THE CURRENT MANUAL. ~~NDT CHECK PERFORMED~~	
23. MRZ. 2015	INSPECTED IN ACCORDANCE TSN: 12126,33	Honeywell Aerospace GmbH Approval Certificate Nr.: DE.145.0022
	WITH THE CURRENT MANUAL CSN: 13769	
19. MAI 2020	Inspected IN ACCORDANCE TSN 14593,65	Honeywell Aerospace GmbH Approval Certificate Nr.: DE.145.0022
	WITH THE CURRENT MANUAL CSN: 17147	

LIFE LIMITED PART CARD

PART NAME: Shaft , Turbine

PART NUMBER:

SERIAL NUMBER: 04P20182

ASSY. PART NUMBER: 3822504-3

DATE		ENGINE	AIRCRAFT	TIME ON PART THIS INSTALLATION		TOTAL TIME ON THIS PART		REMARKS
INSTALLED	REMOVED	SERIAL NO.	SERIAL NO.	CYCLE	HOURS	CYCLE	HOURS	
Oct-04	[redacted]	P-6767		00:00	00:00	00:00	00:00	
[redacted]								
	[redacted]							
[redacted]								
	[redacted]							
[redacted]								
	[redacted]							
[redacted]								
	[redacted]							
[redacted]								
	[redacted]							
[redacted]								
	[redacted]							

Honeywell

Honeywell International Inc.
Engines & Systems
P.O. Box 52181
Phoenix, Arizona 85072-2181

AX6167-4

[redacted]

LIFE LIMITED PART REPAIR RECORD

DATE	MAINTENANCE PERFORMED	AUTHORIZED SIGNATURE
18. MAI 2009	Repaired IN ACCORDANCE TSN: 4381 CSN: 5448	Honeywell Aerospace GmbH
	WITH THE CURRENT MANUAL NDT CHECK PERFORMED	Approval Certificate Nr.: DE.145.0022
23. MRZ 2015	INSPECTED IN ACCORDANCE TSN: 1212633 CSN: 13769	Honeywell Aerospace GmbH 68
	WITH THE CURRENT MANUAL [illegible]	Approval Certificate Nr.: DE.145.0022
19. MAI 2020	Repaired IN ACCORDANCE TSN: 145363 CSN: 17147	Honeywell Aerospace GmbH
	WITH THE CURRENT MANUAL NDT CHECK PERFORMED	Approval Certificate Nr.: DE.145.0022

[redacted]

LIFE LIMITED PART CARD

Part Name 1T.ROTOR Part Number 3840310-3

Serial Number 14-156101-06511 Part of Assy Part Number N/A

DATE		APU SERIAL NUMBER	AIRCRAFT SERIAL NUMBER	TIME ON PART THIS INSTALLATION		TOTAL TIME ON PART		REMARKS
INSTALLED	REMOVED			CYCLE	HOURS	CYCLE	HOURS	
23.03.2015	---	P-6767		0	0	0	0	318460314

Form QS 1412/2008 ÄZ: 00; 23.07.2008 ID: 48977

LIFE LIMITED PART REPAIR RECORD

DATE	MAINTENANCE PERFORMED	AUTHORIZED SIGNATURE
19. MAI 2020	Repaired IN ACCORDANCE TSN: 2464,32 CSN: 3378	Honeywell Aerospace GmbH
	WITH THE CURRENT MANUAL NDT CHECK PERFORMED	Approval Certificate Nr.: DE.145.0022 O.Seibel

LIFE LIMITED PART CARD

PART NAME Turbine Wheel 2nd Stage   PART NUMBER 3610894-11

SERIAL NUMBER 050134510853   ASSY. PART NUMBER 3840165-4

DATE		ENGINE	AIRCRAFT	TIME ON PART THIS INSTALLATION		TOTAL TIME ON THIS PART		REMARKS
INSTALLED	REMOVED	SERIAL NO.	SERIAL NO.	CYCLE	HOURS	CYCLE	HOURS	
Feb-06	[redacted]	P-7082		00:00	00:00	00:00	00:00	
[redacted]	8/2/2011	P-7082				5467	4422	Removed DAL
26/3/11	[redacted]	P-7082		5467	4422	5467	4422	Installed DAL
[redacted]	1/10/14	P-7082		5286	7784.23	10753	7206.23	318966445
23.03.15	[redacted]	P-6767		Ø	Ø	10753	7206.23	318460314
[redacted]								
	[redacted]							
[redacted]								
	[redacted]							
[redacted]								
	[redacted]							
[redacted]								
	[redacted]							

Honeywell

Honeywell International Inc.
Engines & Systems
P.O. Box 52181
Phoenix, Arizona 85072-2181

AX6167-4

LIFE LIMITED PART REPAIR RECORD

DATE	MAINTENANCE PERFORMED	AUTHORIZED SIGNATURE
20/3/11	Inspected as per CTL of ICM 49-26-85. No faults found. CSN 5467 TSN 4422	Dublin Aerospace
12/13/14	TSN 7206.23 CSN 10753 OVERHAULED IAW ICM 49-26-85 REV. 27, OCI A30298 REV. A, OCI A31167 REV. A, OCI A34391 REV. J, NOTIFICATION 319277910.	A. Velasclain
19. MAI 2020	Repaired IN ACCORDANCE WITH THE CURRENT MANUAL TSN: 9673.55 CSN: 14131 NDT CHECK PERFORMED	Honeywell Aerospace GmbH Approval Certificate Nr.: DE.145.0022

Commercial Trace & Statement of Non-Incident

Av. Cap. Carlos León S/N
Via Express Tapo
AICM Col. Arenal
Del. Venustiano Carranza
México, D.F. cp. 15620

Non-Incident / Non-Accident Statement:

Date: August 21, 2017

APU Model: 131-9B
MFR S/N: P-6767

This statement certifies that APU 131-9B Serial Number P-6767, has not been involved in an incident or accident, major failure, or fire, nor has the APU or the parts installed thereon, been immersed in salt water or exposed to corrosive agents outside normal operation, been subjected to extreme stress or heat nor been obtained from any Government, Military or Unapproved Source while Leased and/or Operated by Aerovías de México, S.A. de C.V. (Aeromexico), and in the case of a part installed on the APU while Leased and/or Operated by Aerovías de México, S.A. de C.V. (Aeromexico), has not been subjected to, or removed from an APU that has been involved in an incident or accident, major failure, or fire, or has been subjected to extreme stress or heat nor been obtained from any Government, Military or Unapproved Source.

APU status at time of Delivery to Aerovías de México, S.A. de C.V.
TSN: 12,783:30 CSN: 14,495 Date: December 2, 2016

APU status at time of Redelivery to Honeywell:
TSN: 13,075:00 CSN: 14,725 Date: January 22, 2017

Company: Aerovías de México S.A. de C.V.

Signature: _____
Name: Daniel Noguera Cobos
Title : Power Plant Engineering Manager.

(Note - This document should be certified by an authorized person in QA or Engineering)

NON ACCIDENT / INCIDENT STATEMENT

Engine Type :	**131-9B**	Serial Number:	**P-6767**
TSN:	**13370.1**	CSN:	**15216**

TUI Airways Limited
Registered Office
Wigmore house
Wigmore Place
Wigmore Lane
Luton
LU2 9TN

Phone: +44(0)2476 28 28 28

Registered in England
No 444359

TUI Airways have operated APU S/N P-6767 from 05 Dec 2018 until 28 Jan 2019.

This is to certify that the above APU has been maintained in accordance with the Boeing 737 Maintenance Manual and TUI Airways (formerly First Choice Airways Ltd/ Thomsonfly Ltd) approved AMP.

During its operational life with TUI Airways the APU has not:

1. Been involved in an incident or accident.
2. Been operated by any U.S. or Foreign government or military source.
3. Been subjected to extreme heat or stress as in engine failure, fire, incident or accident.
4. Been immersed in salt water or otherwise exposed to corrosive agents outside normal operation.

Best Regards,

Andy Todd
Powerplant Engineer
TUI Airways
Tel: +44 (0)1582 644908
E-Mail: andy.todd@tui.co.uk

31 Jan 2019

NON ACCIDENT / INCIDENT STATEMENT

Part Number :	**3800702-1**	Serial Number:	**P-6767**
TSN:	**14,594.1**	CSN:	**17,148**
Date From:	**08th Dec 2019**	Date To:	**02nd Mar 2020**

TUI Airways
Wigmore house
Wigmore Place
Wigmore Lane
Luton
LU2 9TN

Phone: +44(0)2476 28 28 28

Registered in England
No 444359

This is to certify that, to the best of my knowledge, from an inspection of the aircraft maintenance records and logbooks:

- The subject engine has not been involved in any reportable accident, major incident, major failure or fire, as defined by the relevant regulating authority; during operation with TUI Airways from the above mentioned date.
- The engine was not subject to extreme stress or heat, nor immersed in salt water or otherwise exposed to corrosive agents outside the normal operations.
- The engine was not obtained from nor operated by any military or governmental organization.

Best Regards

TUI Airways - Powerplant Dept.
Tel: 01582 644908
e-mail: andy.todd@tui.co.uk

NON ACCIDENT / INCIDENT STATEMENT

Part Number :	**3800702-1**	Serial Number:	**P-6767**
TSN:	**14,318.7**	CSN:	**16,733**
Date From:	**01st Sept 2018**	Date To:	**20th Nov 2019**

TUI Airways
Wigmore house
Wigmore Place
Wigmore Lane
Luton
LU2 9TN

Phone: +44(0)2476 28 28 28

Registered in England
No 444359

This is to certify that, to the best of my knowledge, from an inspection of the aircraft maintenance records and logbooks:

- The subject engine has not been involved in any reportable accident, major incident, major failure or fire, as defined by the relevant regulating authority; during operation with TUI Airways from the above mentioned date.
- The engine was not subject to extreme stress or heat, nor immersed in salt water or otherwise exposed to corrosive agents outside the normal operations.
- The engine was not obtained from nor operated by any military or governmental organization.

Best Regards

TUI Airways - Powerplant Dept.
Tel: 01582 644908
e-mail: andy.todd@tui.co.uk