

1. Approving National Aviation Authority/Country: <b>FAA/United States</b>	2. <b>AUTHORIZED RELEASE CERTIFICATE</b> <b>FAA Form 8130-3, AIRWORTHINESS APPROVAL TAG</b>	3. Form Tracking Number: 890001832819Y15 308112014
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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: 66600818 308112011 Page 1 of 1
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6. Item:	7. Description:	8. Part Number:	9. Eligibility:	10. Quantity:	11. Serial / Batch Number:	12. Status / Work:
001	GTCP36-150W	3800304-1	N/A	1	P-311	REPAIRED

**13. Remarks :**  
 THE SERVICE SPECIFIED HAS BEEN ACCOMPLISHED IN ACCORDANCE WITH:  
 CMM 49-23-95 Rev 11, SEP/14/2009  
  
 TSN:2840 CSN:N/A

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: <input type="checkbox"/> Approved design data and are in a condition for safe operation. <input type="checkbox"/> Non-approved design data specified in Block 13.		19. <input checked="" type="checkbox"/> 14 CFR 43.9 Return to Service <input checked="" type="checkbox"/> Other regulation specified in Block 13 Certifies that unless otherwise specified in Block 13, the work identified in Block 12 and described in Block 13 was accomplished in accordance with Title 14, Code of Federal Regulations, part 43 and in respect to that work, the items are approved for return to service.	
15. Authorized Signature:	16. Approval/Authorization No.:	20. Authorized Signature: <i>Blake Reible</i> (185)	21. Approval/Certificate No.: ZN3R030M
17. Name (Typed or Printed):	18. Date (m d y):	22. Name (Typed or Printed): <b>Blake Reible</b>	23. Date (m d y): <b>APR 21 2011</b>

**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 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 Block 14 and 19 do not constitute installation certification. In all cases, aircraft maintenance records must contain an installation certification issued in accordance with the national regulations by the user/installer before the aircraft may be flown.



DATE	ACCUMULATED ENGINE HOURS	ACCUMULATED ENGINE CYCLES	REMARKS, INSPECTIONS, REPAIRS, AND ADJUSTMENTS	SIGNATURE	
4/20/11	TSN 2840	CSN N/A	APU P/N 3800304-1 S/N P-311 Model 36-150W	HONEYWELL	
	TSO N/A	CSO N/A	<b>DESCRIPTION OF WORK PERFORMED:</b> ENGINE DISASSEMBLED TO THE EXTENT NECESSARY TO PERFORM REPAIR. INSPECTED, REPAIRED, AND TESTED IAW MANUFACTURER'S MANUAL 49-23-95 REV 11 AND CUSTOMER INSTRUCTIONS. TSR/CSR: 0 ***** *****		
			<b>INSPECTIONS COMPLIED WITH:</b> SEE INSPECTION INTERVAL CHECK LIST <b>SERVICE BULLETINS COMPLIED WITH:</b> N/A		
			<b>PARTS REPAIRED OR REPLACED THIS VISIT:</b> SEE TRACE INPUT PAGE		
			<b>NDC / LIFE LIMITED PARTS:</b> 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 308112011		
			HONEYWELL AEROSPACE CERTIFIED REPAIR STATION ZN3R030M		
			<b>INSPECTOR:</b> <u>Beal</u> (185) BLAKE REIBLE		
<del>_____</del>					
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# Honeywell

*NDC / Life Limited Parts*

Date	TSN	CSN	APU P/N	S/N	CUSTOMER			
4/20/11	2840	N/A	3800304-1 Model 36-150W	P-311	HONEYWELL			
Noun	P/N	S/N	Status	Noun	P/N	S/N	Status	
FUEL CONTROL	3882730-9	23769	4	LOAD VALVE	DNR	--	SHIPLESS	
HOUR METER	3888126-1	NSN	5	IGN UNIT	3888000-3	J11050518	5	
REPAIR CODES	1-BENCH TEST	2-REPAIR	3-OVERHAUL	4-USED AS IS	5-NEW	E- EXCHANGED		
Noun	P/N	S/N	Time	Cycles				
IMPELLER	3822101-1	10-162246-03902	0	0				
T-WHEEL	3615880-1	960134508330	2840	N/A				
REPAIR ORDER: 308112011 HONEYWELL AEROSPACE CERTIFIED REPAIR STATION ZN3R030M					<b>INSPECTOR:</b> <u>Beal</u> (185) BLAKE REIBLE			

HONEYWELL AEROSPACE SERVICES REPAIR AND OVERHAUL  
REPAIR STATION #ZN3R030M

REF W.I. 21.200  
FORM APU A150 SERIES  
REV 11 DATED 100103

LOGBOOK INSPECTION INTERVAL CHECKLIST

SERVICE ORDER: 5004046581 MODEL: 36-150W SERIAL NO.: P-311 CUSTOMER: Rental Bank  
DATE: 4/20/11 OUTLINE NO.: 3800304-1

COMPONENT NAME	INTERVAL	STAMP	NEXT DUE	COMPONENT NAME	INTERVAL	STAMP	NEXT DUE
MAGNETIC DRAIN PLUG	750 HRS		3590	TURBINE NOZZLE *	4500 HRS		7340
	12 MO.		4/2012	AIRFLOW DEFLECTOR *	4500 HRS		7340
LUBE OIL SYSTEM	750 HRS		3590	TURBINE WHEEL DEFLECTOR *	4500 HRS		7340
	12 MO.		4/2012	COMBUSTION CHAMBER *	4500 HRS		7340
OIL FILTER ELEMENT	750 HRS		3590	LABYRINTH SEAL *	4500 HRS		7340
	12 MO.		4/2012	TURBINE HOUSING *	4500 HRS		7340
IGNITER PLUG	750 HRS		3590	RETAINER HALVES *	4500 HRS		7340
FUEL FILTER ELEMENT	1000 HRS		3840	CONTAINMENT RING *	4500 HRS		7340
FUEL NOZZLES	4500 HRS		7340				
COMPRESSOR ROTOR	4500 HRS		7340				
TURBINE ROTOR *	4500 HRS		7340	TURBINE ROTOR REPLACEMENT **	10,000	NCW	10,000 HRS
DESWIRL DEFLECTOR *	4500 HRS		7340	COMPRESSOR ROTOR REPLACEMENT	100,000 HRS/CYC		102,840 HRS

OPERATORS PARTICIPATING IN THE SPECTROMETRIC OIL AND FILTER ANALYSIS PROGRAM (SOAP) SHALL CHANGE THE OIL AND FILTER ELEMENT AS DIRECTED IN SIL APU-49.

HONEYWELL AEROSPACE SERVICES PHOENIX REPAIR AND OVERHAUL FACILITY CERTIFIES THAT THIS ENGINE / COMPONENT HAS BEEN INSPECTED IN ACCORDANCE WITH THE MAINTENANCE MANUAL INSPECTION / CHECK REQUIREMENTS. INSPECTIONS ACCOMPLISHED ARE LISTED ABOVE.

(\* ITEMS INDICATE HSI REQUIREMENTS.)

(\*\* ITEMS ARE PART NUMBER DEPENDENT. ENTER APPROPRIATE INTERVAL FOR THE INSTALLED PART NUMBER.)

STAMP IN "STAMP" COLUMN INDICATES COMPLIANCE, OR ENTER ONE OF THE CODES AS APPLICABLE.

NCW = NOT COMPLIED WITH

ND = NOT DISASSEMBLED

NA = NOT APPLICABLE TO P/N OR S/N

NR = NOT RECEIVED

APU TSN: 2840

APU CSN: n/a

ANALYST SIGNATURE:

*Stephen Hoopl*

DATE:

4/20/11

ENGINE MODEL: GTCP36-150W

ENGINE SERIAL NUMBER: P-311

CUSTOMER: MRO PHOENIX- ENGINES RENTAL BA

REPAIR ORDER: 2011-308112011-001

### SERVICE RECORD

TRACEABILITY PARTS REWORKED OR REPLACED

Page 1 of 1

PART NAME	PART NUMBER	S/N	LOT NBR	CONDITION	QTY	DOC NBR
NOZZLE ASSY	3610004-3	1AML0533	10968132	Overhauled	1	49-31-21
COMPRESSOR ROTOR	3822101-1	10-162246-03902	N/A	New	1	
BEARING	3842004-1	09-06331-12769	N/A	New	1	
IGNITION UNIT	3888000-3	J11050518	N/A	New	1	

HONEYWELL INTERNATIONAL  
REPAIR STATION # ZN3R030M

INSPECTOR SIGNATURE: BRBL

Blake Reible

185

Date: 4/20/2011

## LIFE LIMITED PART LOG

ASSEMBLY NAME: \_\_\_\_\_ PART NUMBER: \_\_\_\_\_ SERIAL NUMBER: \_\_\_\_\_  
 LIFE LIMITED PART NAME: COMPRESSOR ROTOR, CENTRIFUGAL, TURBINE E PART NUMBER: 3822101-1 SERIAL NUMBER: 10-162246-03902  
 MANUFACTURED PER FAR PART 21 UNDER PRODUCTION CERTIFICATE PC413 SIGNATURE OR ACCEPTANCE STAMP: A534

DATE INSTALLED	DATE REMOVED	ENGINE SERIAL NUMBER	TIME ON PART THIS INSTALLATION		TOTAL TIME ON PART		SIGNATURE / FAA NUMBER	
			CYCLES*	HOURS	CYCLES*	HOURS		
4-19-11		P-311	0.0	0.0	0.0	0.0	Tomas Lasarga <sup>CRS</sup> 20120304	

\* SEE SERVICE LIFE LIMITS OF CRITICAL LIFE LIMITED COMPONENTS. ENTRIES SHALL COMPY TO FAR 43.



