

MAINTENANCE & ENGINEERING FORMS

EARL N°

COMPONENT DESCRIPTION	PART No.	SERIAL No.
ENGINE PW121	3104500-01	


A/C REMOVAL INFORMATION		REASON FOR REMOVAL: LIGHT OVERHAUL (RECEIVED FROM REPAIR BY AVIO ON 07-02-2013)		
A/C TYPE: N/A	A/C MSN: N/A	A/C REG: N/A	POS: N/A	DATE: N/A




COMPONENT HISTORY				
TSN: 26874	CSN: 27458	TSO: 2522	CSO: 2378	AVAILABLE LIFE: 5478

WORKSCOPE	LIGHT OVERHAUL
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ADDITIONAL REQUIREMENTS	PROVIDE TEAR DOWN REPORT
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NAME OF REPAIR AGENT:	DATE SENT AWAY	LEAD TIME
REPAIR ORDER (O.R.O) Reference: REGIONAL ONE REPAIR ORDER		

ORIGINATOR	NAME	SIGNATURE: 	DATE: 21.08.2017
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CHECKED: TMO  Date:	RECOMMENDED: MTS  Date: 21-08-17	APPROVED: TD  Date:
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1ST COPY: WITH ITEM

2ND COPY: TD

3RD COPY

4TH COPY: TMO

MAINTENANCE & ENGINEERING
FORMS

ENGINE ACCESSORY LIST

ENGINE TYPE: PW121 ESN PCE 120578
 REMOVED FROM A/C REG: N/A A/C: N/A Pos N/A
 DATE REMOVED: N/A STATION: WO N/A
 REASON FOR REMOVAL: BEING SENT FOR LIGHT O/H (RECEIVED FROM REPAIR BY ATO ON 07/02/2013)

S/N	ACCESSORY NAME	PART NUMBER	SERIAL NUMBER
1	E.E.C.U / E.C.U	789843-5-010	
2	M.F.C.U / H.M.U	786392-11L20	
3	A.F.U	—	—
4	FUEL PUMP	5009986B	
5	FUEL HEATER	10839F	
6	IGNITION EXCITER, No. 1 (FWD)	9049400-1	
7	IGNITION EXCITER, No. 2 (AFT)	3033378A	
8	FLOW DIVIDER	26360-1	
9	WIRING HARNESS	3111954-01	
10	OIL COOLER	3120075-02	
11	DATA COLLECTOR UNIT	—	—
12	BLEED VALVE(HBV)	—	—
13	SERVO VALVE	—	—
14	PUMP-OVERSPEED GOVERNOR	820-280	
15	OVERSPEED GOVERNOR	8210-161	
16	TORQUE SIGNAL CONDITIONER	3118091-01	
17	NP SENSOR	3039242	
18	NH SENSOR	3039242	
19	NL SENSOR	3033509	

Approved By: [Signature] Title: [Redacted]
 Signature: [Signature] Date: 17/8/2017

Original Issue Date May, 2006	FORM: <u>PW-TS-1.145 Issue 1 Rev 2</u>	Responsible Manager Manager Technical Services	Revision Date: August, 2015	Page 1 of 1
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MAINTENANCE & ENGINEERING FORMS

ENGINE LIFE LIMITED PARTS REPORT

ENGINE TYPE: PWC121..... ENGINE S/N 120578.....
~~INSTALLED ON~~ / REMOVED FROM A/C REG:..N/A..... A/C MSN...N/A..... Pos ..N/A.....
 REPORT DATE: 0702.2013.....ENGINE TSN = 26874..... CSN = 27458..... TSO = 2522....CSO = 2378.....

COMPONENTS	P/N	S/N	TOTAL COMPONENT CYCLES	FCF	ACCUMULATED COMPONENT TOTAL CYCLES	LIMIT	ACCUMULATED COMPONENT RESIDUAL CYCLES	ENGINE'S RESIDUAL FULL CYCLES
LP IMPELLER	3040689		2378	1	2378	25000	22622	22622
HP IMPELLER	3043243		2378	1	2378	30000	27622	27622
HP TURBINE FRONT COVER	3049049-01		2378	1	2378	15000	12622	12622
HP TURBINE DISC	3045591		2378	1	2378	15000	12622	12622
HP TURBINE REAR COVER	3041486		2378	1	2378	15000	12622	12622
INTERSTAGE AIR SEAL	3041474		2378	1	2378	15000	12622	12622
LP TURBINE DISC	3036212		2378	1	2378	30000	27622	27622
1st STAGE POWER TURBINE DISK	3038613		21703	1	21703	30000	8297	8297
2nd STAGE POWER TURBINE DISK	3033914		16739	1	16739	30000	13261	13261
HP TURBINE BLADES	3115301-01		2378	1	2378	15000	12622	12622

Prepared by (Signature and Date)

Approved By (Signature and Date)  18/08/201

Name:

Name:

Title: Senior Production Planning and Control Engineer

Title: Acting Manager Quality Engineering

Original Issue Date 30 th June, 2014	FORM: PW-TS-1.154 Issue 1 Rev 1	Responsible Manager	Revision Date: August, 2015	Page 1 of 1
		Manager Technical Services		

1. Approving Competent Authority/Country	2. AUTHORIZED RELEASE CERTIFICATE EASA FORM 1	3. Form Tracking Number
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4. Organization Name and Address :	5. Work Order/Contract/Invoice
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6. Item	7. Description	8. Part. No.	9. Q.ty.	10. Serial No.	11. Status/Work
1	ENGINE PW - 121	3104500-01	1		REPAIRED

Remarks

ITEM 1 T/M (TT=26874:03 , TC=27458) HAS BEEN REPAIRED, TESTED AND DELIVERED I.A.W. O/M P/N 3034643 REV. 28 ; H.S.I. AND BOROSCOPE INSPECTED I.A.W. M.M. P/N 3034642 REV. 48. R.G.B. (S/N 121184 TT=23114 , TC=UNKNOWN) HAS BEEN REPAIRED, TESTED AND DELIVERED I.A.W. O/M P/N 3034643 REV. 28; BOROSCOPE INSPECTED I.A.W. M.M. P/N 3034642 REV. 48 AND TESTED MATED WITH T/M S/N 120578

EVENT: 0023 REMOVAL REASON: " HIGH ITT ON STARTING UP TO 66% OF TORQUE "

PRESERVATION DATE: 31/Jan./ 2013 PRESERVATION EXPIRES TYPE: OVER 90 DAYS - FOR MORE INFORMATION SEE TECHNICAL REP Nr. 071/11

Q.TY 13 FUEL ADAPTERS OVERHAULED BY AVIO+Q.TY 1 NEW

CUSTOMER : PRECISION AIR

Note1: ATTACHED: LLP STATUS, AD STATUS, S.B. LIST, MAIN ACCESSORY LIST, INCOMING/OUTGOING CHECK CARD, ENGINE TEST ;

Certifies that the work specified was carried out in accordance with the current Civil Aviation Regulations and in respect of that work the aircraft component is considered ready for release to service

1° AMO A/CA/1.06

13a. Certifies that the items identified above were manufactured in conformity to:		14a. <input checked="" type="checkbox"/> Part-145.A.50 Release to Service <input checked="" type="checkbox"/> Other regulation specified in block 12	
<input type="checkbox"/> approved design data and are in a condition for safe operation <input type="checkbox"/> non-approved design data specified in block 12			
13b. Authorized Signature	13c. Approval/Authorization Number	14b. Authorized Signature <i>[Signature]</i>	14c. Certificate/Approval Ref. No.
13d. Name	13e. Date (dd mmm yyyy)	14d. Name	14e. Date (dd mmm yyyy) 07 Feb 2013

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 the 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.

B/No: