



Schweizerische Eidgenossenschaft
Confédération suisse
Confederazione Svizzera
Confederaziun svizra



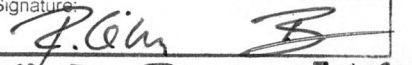
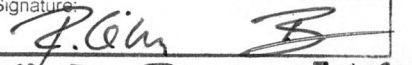
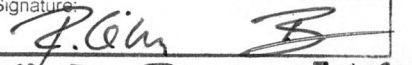
Bundesamt für Zivilluftfahrt
Office fédéral de l'aviation civile
Ufficio federale dell'aviazione civile
Federal Office of Civil Aviation

**Flugreisebuch
Carnet de route
Libro di rotta
Journey Log Book**

PILATUS PC-12/47E

Serial No. **1702**

HB-FWC

<p>XI-XII Troubles and observations/Visa Perturbations et observations/Visa</p>	<p>XIII Action taken, Maintenance release Mesures prises Attestation d'entretien</p>														
<p>No. _____</p> <p>This aircraft was manufactured and test flown in accordance with approved procedures and conforms to the approved Type Design. I have inspected this aircraft and issued a Certificate of Conformance ref. EASA Form 52 (AQ-17-1252). This aircraft is in an airworthy condition.</p> <p>Date: 25 Apr 2017</p> <p>Insp. Sign: L. Simonetta </p>	<p>No. _____</p> <p style="text-align: center;">PILATUS QUALITY INSPECTION PILATUS AIRCRAFT LTD CH-6370 STANS (SWITZERLAND)</p> <p style="text-align: center;"></p>														
<p><i>(This section is crossed out with a diagonal line)</i></p>	<table border="1"> <tr> <th colspan="2" style="text-align: center;">FEDERAL OFFICE OF CIVIL AVIATION</th> </tr> <tr> <td colspan="2">Inspection EASA Aircraft acc. EASA Part M 1321/2014</td> </tr> <tr> <td colspan="2">Inspection Annex II Aircraft acc. to 748 215.2</td> </tr> <tr> <td colspan="2">Other: CFR-4B-FWC 0001-7169-CHE</td> </tr> <tr> <td colspan="2">Report No. _____</td> </tr> <tr> <td>Authorisation FOCA-305</td> <td>Roger Christen R. Simonetta</td> </tr> <tr> <td>Date: 27-4-2017</td> <td>Signature: </td> </tr> </table>	FEDERAL OFFICE OF CIVIL AVIATION		Inspection EASA Aircraft acc. EASA Part M 1321/2014		Inspection Annex II Aircraft acc. to 748 215.2		Other: CFR-4B-FWC 0001-7169-CHE		Report No. _____		Authorisation FOCA-305	Roger Christen R. Simonetta	Date: 27-4-2017	Signature: 
FEDERAL OFFICE OF CIVIL AVIATION															
Inspection EASA Aircraft acc. EASA Part M 1321/2014															
Inspection Annex II Aircraft acc. to 748 215.2															
Other: CFR-4B-FWC 0001-7169-CHE															
Report No. _____															
Authorisation FOCA-305	Roger Christen R. Simonetta														
Date: 27-4-2017	Signature: 														

CONFORMITY INSPECTION FORM 52 25.4.2017
 AQ-17-1252

Troub
Perturb

No.

Customer Ac

CERTIFICATE OF RELEASE TO SERVICE



PILATUS AIRCRAFT LTD
CH-6371 STANS
SWITZERLAND
Tel: +41 41 619 61 11
www.pilatus-aircraft.com

Production Organisation Approval Reference: CH.21G.0002

Certificate of release to service in accordance with 21A.163 (d)

Aircraft: Pilatus Type: PC-12 Constructor No/Registration: 1702/HB-FWC

has been maintained as specified in Work Order: 480854

5

53
pr. 17

1

CERTIFICATE OF RELEASE TO SERVICE



PILATUS AIRCRAFT LTD
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Tel: +41 41 619 61 11
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Certificate of release to service in accordance with 21A.163 (d)

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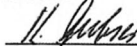

Brief description of work performed: dated on 28. April 2017 Aircraft TSN: 3.9 Hrs Cycl. 5
WX Radom P/N 985.79.00.005 replaced due to embedded dust particle in paint with new
Radome with SN 574 i.a.w. AMM.

———— End ————

Certifies that the work specified was carried out in accordance with 21A.163 (d) and in respect to that work the aircraft is considered ready for release to service and therefore is in a condition for safe operation.

Certifying Staff (name): Kurt Gubser

(signature):

Location: CH-6371 Stans, Switzerland

Date: 28 Apr 2017 (dd mmm yyyy)

Next inspection at TSN or before (date)
 Prochain h contrôle a TSN ou avant (date)

XI-XII Troubles and observations / Visa Perturbations et observations / Visa No.	XIII Action taken Maintenance release Mesures prises Attestation d'entretien No.
Customer Acceptance Flight-Nil per Safety	<div data-bbox="870 304 1393 453" style="border: 1px solid black; padding: 5px; text-align: center;">  <p>PRODUCTION ORGANISATION / CH.21G.0002 Maintenance Release i.a.w. 21A. 163 (d)</p> </div> <p><i>Radome replaced. Refer EASA Form 53 dated: 28. Apr. 17</i></p> <p><i>CH.FCL 44395</i></p> <p><i>H. Juber</i> PIL 44</p>

Certificate of Release to Service

Together
ahead. **RUAG**

Work Report Ref: **298252**

Aircraft Type **PC-12/47E**

A/C Location

LSGG

Aircraft Registration **HB-FWC**

Aircraft Hours

Aircraft S/N **1702**

Aircraft Cycles

Engine 1: Type **PT6A-67P**

S/N **PCE-RY0754**

TSN

CSN

Prop 1: Type **HC-E5A-3A**

S/N **SA165**

TSN

CSN

Work Started **15.06.2017**

Work Ended **15.06.2017**

The below listed work has been carried out in accordance with:

PC-12/47E IETP NO 02307 REV 17A FEB 2017 PO : T13581

UNSCHEDULED MAINTENANCE

OPEN ITEM: NONE


For details/work performed refer to Work Report

Unscheduled Maintenance

3001 3070175 71 INVESTIGATION ENGINE ACCELERATION ISSUE

AS PER PILOT COMMENT, ABNORMAL SLOWNESS IN ACCELERATION AT START-UP
ENGINE DOWNLOAD TO BE PERFORMED
DOWNLOAD PERFORMED IAW AMM 12-B-45-45-00-00A-551A-A

The details of all work carried out and materials used at RUAG Switzerland Ltd. RUAG Aviation are held at Meyrin under the above mentioned Work Report reference.
RUAG Switzerland Ltd. RUAG Aviation 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.
RUAG Approval reference Number CH.145.0213

Date:	Name:	Signature:	Authorization:
15.06.2017	Stéphane Gentil		5004486-00 RUAG

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1217 Meyrin · Switzerland

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www.ruag.com

Certificate of Release to Service

Together ahead. **RUAG**

Work Report Ref:	299068	A/C Location	LSSG
Aircraft Type	PC-12/47E	Aircraft Hours	99:14
Aircraft Registration	HB-FWC	Aircraft Cycles	83
Engine 1: Type	PT6A-67P	S/N	PCE-RY0754
Prop 1: Type	"LOANER"HC-E4A-3D	S/N	KX 1142
Work Started	30.06.2017	Work Ended	07.07.2017

83

The below listed work has been carried out in accordance with:

PC-12/47E IETP N°02307 REV 17,2016-12-17 TAG W/O:33015 ORDER#:T13630 REV:1

OPEN ITEM: NONE

For details/work performed refer to Work Report

Unscheduled Maintenance

3001 3071345	05	CALCULATED WEIGHT AND BALANCE	
		REVISE CALCULATED WEIGHT AND BALANCE ON POH WEIGHT AND BALANCE SECTION IAW PILATUS LETTER PROPELLER CHANGE FORM 5-BLADE TO 4-BLADE DATED OF 05 JUL 2017 SI P&WC : 90-2015 INCORPORATED -PERFORMED BY TAG AVIATION CAMO,AND ATTACHED IN A/C POH SECTION #6 FOR DETAILS SEE ATTACHED REPOPT.	
3001 3071344	30	PROPELLER DE-ICE SYST TEST	
		PERFORM OPERATIONAL TEST OF THE PROPELLER DEICING SYSTEM IAW 12-B-30-60-00-00A-903A-A -PERFORMED ,AND FOUND SATISFACTORY.	
3001 3071176	61	PROPELLER REPLACEMENT	
		REPLACE 5 BLADE PROPELLER IAW MM 12-B-61-10-01-00A-920B-A P/N :HC-E5A-3A S/N :SA 165 HRS :99:14 CYCLE :83-PERFORMED IAW AMM:-12-B-61-10-01-00A-920B-A	
		BY 4 BLADE PROPELLER IAW MM 12-B-61-10-01-00A-920A-A P/N :HC-E4A-3D S/N :KX 1142 HRS : 488:14 CYCLE :UNK -PROPELLER REPLACEMENT PERFORMED IAW AMM:-12-B-61-10-01-00A-920A-A -BRACKET, BRUSH BLOCK MOUNTING P/N:3070872-01 REPLACED IAW:NT0 SI P&WC:90-2015 -BRUSH PACK AND MOV REPLACED IAW AMM:12-B-30-60-02-00A-920A-A -FOUR-BLADED PROPELLER ADJUSTMENT/TEST & BALANCING PERFORMED IAW AMM:12-B-61-00-00-00A-903A-A -REFER TO NTO SI P&WC: 90-2015 INCORPORATED CONVERSION FROM BS1361 TO BS1226 RUAG INTERNAL DOC N°2017-07-08 HB-FWC FOD ON PROPELLER	
3001 3071448	61		

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Deutsch: Übersetzung siehe Seite 2 - Traduzione Italiana vedi pagina 2
 Français: voir page 3 - Spiegazione vedi pagina 3 - Explanations see page 3

Work Report Ref:	299068		
Aircraft Type	PC-12/47E	A/C Location	LSGG
Aircraft Registration	HB-FWC	Aircraft Hours	99:14
Aircraft S/N	1702	Aircraft Cycles	83

3001 3071343

71

FOLLOWING FOD ON PROPELLER PERFORM TECHNICAL ANALYSE AND TROUBLE SHOOTING
 PROPELLER MAPPING PERFORMED IAW HARTZELL SL-HC-61-360
 PERFORMED : SI P&WC:90-2015 INCORPORATED
 MAKE LOGBOOK ENTRY

-INVESTIGATION PERFORMED AND SEND TO HARTZELL SUPPORT FOR ANALYSIS.
 FUNCT TEST ENGINE RUN

PERFORM ENGINE GROUND RUN ADJUSTMENT TEST IAW 12-B-71-00-00-00A-903A-A
 TEST 2 / 4 / 13 / 14 / 15 / 17 / 19 / 20

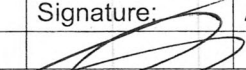
- Do the adjustment/test of the propeller AMM 12-B-61-00-00-00A-903A-A.
- Do the adjustment/test of the engine AMM 12-B-71-00-00-00A-903A-A.
- Do a check of the engine oil level AMM 12-B-12-10-03-00A-902A-A.

-PERFORMED , FOUND TEST #17 OUT OF TOLERANCES , TEST # 11 MUST BE DONE.
 -TEST #11 PERFORMED & REVERSE POWER ADJUSTED , FOUND SATISFACTORY

FOR DETAILS SEE REPORT ATTACHED.
 *NOTE, A/C CAMO MUST BE WRITE IN THE ENGINE LOGBOOK,
 "SI P&WC:90-2015 INCORPORATED"

Next inspection at
 Prechain
 TSN or before
 TSN ou avant
 (date)
 (date)

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 RUAG Switzerland Ltd. RUAG Aviation 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.
 RUAG Approval reference Number CH.145.0213

Date:	Name:	Signature:	Authorization:
07.07.2017	Thierry Duport		5000997 00 RUAG

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 Page 2 / 2

Certificate of Release to Service

Together ahead. RUAG

Work Report Ref: **300573**

Aircraft Type **PC-12/47E** A/C Location **LSGG**

Aircraft Registration **HB-FWC** Aircraft Hours **133:37**

Aircraft S/N **1702** Aircraft Cycles **103**

Engine 1: Type **PT6A-67P** S/N **PCE-RY0754** TSN **133:37** CSN **103**

Prop 1: Type **HC-E4A-3D (LOANER)** S/N **KX 1142** TSN **522:37** CSN

Work Started **08.08.2017** Work Ended **11.08.2017**

The below listed work has been carried out in accordance with:

PC-12/47E IETP N°02307 REV17,2016-12-17

T13711

TAG AMP 1630/1702

150HRS(NO.1)

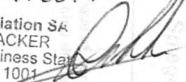
OPEN ITEM: 1

A-PO 25.04.2017

For details/work performed refer to Work Report

Scheduled Maintenance

TAG Aviation SA
 A. DEBACKER
 Airworthiness Staff
 CH.MG. 1001



Job Card:
 Customer ref.items 170725-2 RUAG IH & Items N° 3073810 2004 OPEN ITEM(S) REPLACE BRAKE CYLINDER

Customer ref.items	RUAG IH & Items N°	2000_SCHEDULED
INSPECTION		
52100	3073806 2001	150 HOUR INSPECTION
00-00/121	3073820 2001	CHECK AD/SB REVIEWED AND COMPLIED
00-00/122	3073821 2001	CHECK CHAP 4 AND 5 OVH AND REPLACEMENT
06-00/119	3073828 2001	INSTALL ACCESS PANELS 42AB, 42AT
06-00/123	3073829 2001	REMOVE ACCESS PANELS 42AB, 42AT
07-10/160	3073830 2001	LOWER AIRCRAFT TO THE GROUND
07-10/161	3073831 2001	LIFT A/C ON JACKS AND CONNECT A/C
10-10/428	3073832 2001	EXAMINE EXTERNAL PROTECTIVE COVERS
12-20/124	3073833 2001	WASH AIRCRAFT THE EXTERIOR
12-20/125	3073834 2001	CLEAN WINDSHIELDS AND WINDOWS
12-20/126	3073835 2001	CLEAN COCKPIT AND CABIN
22-20/129	3073836 2001	EXAMINE ANGLE OF ATTACK TRANSMITTERS
22-20/130	3073837 2001	CHECK STICK PUSHER SYSTEM
24-60/133	3073838 2001	EXAMINE COCKPIT CB PANELS SWITCH
25-10/134	3073839 2001	EXAMINE CREW SEAT BELTS
25-10/135	3073841 2001	EXAMINE CREW SEATS WITH SEATS
25-20/136	3073842 2001	EXAMINE PASSENGER SEAT BELTS
25-20/302	3073843 2001	EXAMINE PASSENGER SEATS INSTALLED
27-00/138	3073844 2001	AILERON, ELEVATOR AND RUDDER CONTROLS
27-10/139	3073845 2001	AILERON LH AND RH
27-20/140	3073846 2001	RUDDER
27-30/141	3073847 2001	EXAMINE ELEVATORS
27-40/142	3073848 2001	OP TEST H/S INTERRUPT/ALTERNATE TRIM
27-40/291	3073849 2001	OP TEST HORIZONTAL STAB TRIM SYSTEM
27-50/143	3073850 2001	LOWER FLAPS TO 40

Certificate of Release to Service

Together
ahead. **RUAG**

Work Report Ref:	300573	A/C Location	LSGG
Aircraft Type	PC-12/47E	Aircraft Hours	133:37
Aircraft Registration	HB-FWC	Aircraft Cycles	103
Aircraft S/N	1702		

27-50/144	3073851	2001	EXAMINE FLAPS AND FLAP SUPPORT
28-10/145	3073852	2001	EXAMINE FUEL TANK FILLER CAPS
28-10/146	3073854	2001	SAMPLE FUEL REMOVE FROM EACH DRAIN
28-20/147	3073855	2001	OP TEST FUEL TANK VENT VALVE/FLAME
28-20/148	3073856	2001	REMOVE/CLEAN FUEL FILTER ELEMENT
28-20/149	3073857	2001	OPERATE FIREWALL SHUTOFF VALVE
28-20/150	3073858	2001	EXAMINE ENGINE DRIVEN PUMP
29-10/151	3073859	2001	LOW PRESSURE FILTER BLOCKAGE INDICATOR
29-10/153	3073860	2001	RESERVOIR TANK (IF INSTALLED)
29-10/316	3073870	2001	HYDRAULIC SYSTEM (IF INSTALLED)
30-10/154	3073872	2001	INSP/CHECK WING / H/S AIRFOIL DE-ICE
30-10/155	3073874	2001	OP TEST INERTIAL SEPARATION SYSTEM
30-20/156	3073876	2001	EXAMINE ENG A/J DE-ICE LIP/SIGNS GAS
30-30/329	3073878	2001	FUNCTIONAL TEST PROBES DE-ICE SYSTEM
30-60/158	3073881	2001	INSPECTION/CHECK PROPELLER DE-ICE
30-60/159	3073882	2001	OPERATIONAL TEST PROPELLER DE-ICE
32-10/162	3073885	2001	LUBRICATE MAIN LANDING GEAR
32-10/163	3073887	2001	EXAMINE MAIN LANDING GEAR LEGS
32-10/164	3073889	2001	EXAMINE MAIN LANDING GEAR COMPARTMENTS
32-10/165	3073891	2001	CHECK MLG SHOCK STRUTS NITROGEN
32-20/166	3073892	2001	CHECK NLG LEG SHOCK STRUT NITROGEN
32-20/167	3073893	2001	LUBRICATE NOSE LANDING GEAR
32-20/168	3073894	2001	EXAMINE NOSE LANDING GEAR LEG
32-20/169	3073895	2001	EXAMINE NOSE LANDING GEAR COMPARTMENT
32-30/170	3073896	2001	FUNC TEST EXT/RET SYST AND EMER EXT
32-30/425	3073897	2001	EXAMINE ELECTRO MECH LG EXT AND RET
32-40/171	3073898	2001	EXAMINE MAIN WHEELS. ROTATE WHEELS
32-40/172	3073899	2001	EXAMINE MAIN WHEEL TIRES/CHECK TIRE
32-40/173	3073900	2001	EXAMINE NOSEWHEEL
32-40/174	3073901	2001	EXAMINE NOSE WHEEL TIRE/CHECK TIRE
32-40/175	3073902	2001	EXAMINE BRAKE SYSTEM
32-40/176	3073903	2001	CHECK FLUID RESERVOIR/REPLENISH
33-40/177	3073904	2001	OPERATIONAL TEST EXTERIOR LIGHTING
33-41/178	3073906	2001	EXAMINE LANDING LIGHTS
33-42/179	3073907	2001	EXAMINE TAXI LIGHTS
33-43/180	3073908	2001	EXAMINE NAVIGATION AND STROBE LIGHTS
33-44/181	3073909	2001	EXAMINE RECOGNITION LIGHTS
33-46/182	3073910	2001	EXAMINE BEACON LIGHTS (IF INSTALLED)
34-00/183	3073911	2001	EXAMINE COMM/NAVIGATION ANTENNAS
34-00/184	3073912	2001	EXAMINE COCKPIT INSTRUMENTS/AVIONIC
34-11/185	3073913	2001	EXAMINE PITOT TUBE
34-11/186	3073914	2001	EXAMINE STATIC PORTS
35-10/187	3073915	2001	CHECK HP RELIEF INDICATOR (GREEN DISK)
35-10/188	3073916	2001	CHECK OXYGEN SYSTEM CONTENTS
46-26/320	3073917	2001	OPERATIONAL TEST PILOT AND COPILOT
46-26/321	3073918	2001	OP TEST ADAHRS SENSOR SOURCE SELECT SW
52-10/189	3073919	2001	EXAMINE PASSENGER/CREW DOOR SEAL
52-10/190	3073920	2001	EXAMINE PASSENGER/CREW DOOR SHOOT
52-10/191	3073922	2001	PASSENGER/CREW DOOR HANDLE LOCK PIN

inspection at

TSN or before

(date)

RUAG Aviation
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Page 2/ 4

Certificate of Release to Service

Together
ahead. **RUAG**

Work Report Ref: **300573**

Aircraft Type **PC-12/47E**

A/C Location

LSGG

Aircraft Registration

HB-FWC

Aircraft Hours

133:37

Aircraft S/N

1702

Aircraft Cycles

103

52-10/192	3073923	2001	EXAMINE PASSENGER/CREW DOOR HINGES
52-30/193	3073924	2001	EXAMINE CARGO DOOR SEAL
52-30/194	3073925	2001	EXAMINE CARGO DOOR SHOOT BOLTS, DOOR
52-30/195	3073926	2001	EXAMINE CARGO DOOR HINGES
53-00/196	3073927	2001	EXAMINE FUSELAGE EXTERNAL SURFACE
55-10/197	3073928	2001	EXAMINE HORIZONTAL STAB EXT SURFACE
55-30/198	3073929	2001	EXAMINE VERTICAL STABILIZER EXT
56-10/200	3073930	2001	EXAMINE WINDSHIELD LH AND RH
56-20/201	3073931	2001	EXAMINE COCKPIT AND CABIN WINDOWS
57-00/202	3073932	2001	EXAMINE WING EXTERNAL SURFACES
71-00/204	3073933	2001	PERFORM POST INSPECTION GROUND RUN
71-00/205	3073943	2001	EXAMINE ENG TUB MOUNTING
71-00/206	3073944	2001	EXAMINE POWER PLANT AND ACCESSORIES
71-00/209	3073945	2001	EXAMINE ENGINE DRAIN MAST AND TANK
71-10/207	3073946	2001	OPEN AND EXAMINE, ENGINE COWLINGS
71-10/208	3073947	2001	CLOSE ENG COWLINGS ENG 43AL AND ENG
74-00/288	3073948	2001	OPERATIONAL TEST IGNITION SYSTEM
76-00/210	3073949	2001	EXAMINE ENG CONTROLS ENGINE
76-00/211	3073950	2001	CHECK BETA SLIP RING CARBON BLOCK
76-00/212	3073951	2001	OPERATIONAL TEST COCKPIT CONTROL
76-00/304	3073953	2001	EXAMINE COCKPIT CONTROL QUADRANT
78-00/214	3073954	2001	EXAMINE EXHAUST STUBS
79-00/422	3073955	2001	CHECK OIL FILLER CAP/DIPSTICK
79-20/290	3073956	2001	OP TEST OIL SYSTEM CHIP DETECTOR IND
30-10/1979	3073908	2002	AIRFOIL SURFACE COATING.
170725-1	3073909	2003	CHECK SL-192
21-50/433	3073811	2005	CLEAN AIR-CONDITIONING
27-30/430	3073812	2006	RUDDER CABLE TENSION.
27-30/333	3073813	2007	ELEVATOR CABLE TENSION.
27-50/437	3073814	2008	INBD FLAP DRIVE ARMS.
27-50/74	3073815	2009	LEFT INBD FLAP ACTUATOR LUB.
27-50/74	3073816	2010	LEFT OTBD FLAP ACTUATOR LUB.
27-50/74	3073817	2011	RIGHT INBD FLAP ACTUATOR LUB.
27-50/74	3073818	2012	RIGHT OTBD FLAP ACTUATOR LUB.
24-30/309	3073822	2013	INSP NO 1 STARTER GENERATOR.
24-30/310	3073823	2014	INSP NO 2 STARTER GENERATOR.
27-50/443	3073824	2015	SERVICE FLAP LIMIT SWITCHES.
05701E	3073807	2701	ENGINE 150 HR INSPECTION.
57010	3073871	2701	NO.1 ENGINE - MINOR INSPECTION
710019	3073873	2701	NO.1 ENGINE - EXAMINE FIRST STAGE
710051	3073875	2701	NO.1 ENGINE COMPRESSOR WASH
731100	3073877	2701	NO.1 ENGINE - CLEAN THE P3 FILTER
733070	3073879	2701	NO.1 ENGINE - INSPECT P3 FILTER DRAIN
740015	3073880	2701	NO.1 ENGINE - CHECK IGNITION EXCITER
740025	3073883	2701	NO.1 ENGINE - CLEAN - CHECK SPARK IGN
761011	3073884	2701	NO.1 ENGINE - INSPECT ENG CONTROL
790031	3073886	2701	NO.1 ENGINE - CHECK MAG CHIP DETECTOR
790060	3073888	2701	NO.1 ENGINE - INSPECT CLEAN OIL FILTER
790080	3073890	2701	NO.1 ENGINE - PERFORM AN OIL SAMPLE

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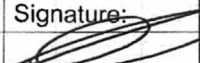
Certificate of Release to Service

Together
ahead. **RUAG**

Work Report Ref:	300573		
Aircraft Type	PC-12/47E	A/C Location	LSGG
Aircraft Registration	HB-FWC	Aircraft Hours	133:37
Aircraft S/N	1702	Aircraft Cycles	103

710061	3073819	2702	ENGINE ECTM
Customer ref.items	RUAG IH & Items N°		3000_UNSCHEDULED
170725-3	3073825	3001	CHECK BATTERY CONNECTORS.
170807-2	3073826	3002	CHECK EASA SIB 2016-16R1
170807-1	3073827	3003	LOAD ECL.
12-B-27-10-00-00A-90	3074028	3300	AILERONS CABLES TENSION CHECK
Customer ref.items	RUAG IH & Items N°		6000_VARIOUS
POH/AMM	3074030	6001	CREW TRAINING

The details of all work carried out and materials used at RUAG Switzerland Ltd. RUAG Aviation are held at Meyrin under the above mentioned Work Report reference.
 RUAG Switzerland Ltd. RUAG Aviation 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.
 RUAG Approval reference Number CH.145.0213

Date:	Name:	Signature:	Authorization:
11.08.2017	Thierry Duport		5000963-00 RUAG

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Work Report Ref: **301509**

Aircraft Type **PC-12/47E**

A/C Location **LSGG**

Aircraft Registration **HB-FWC**

Aircraft Hours **149:38**

Aircraft S/N **1702**

Aircraft Cycles **117**

Engine 1: Type **PT6A-67P**

S/N **PCE-RY0754**

TSN **149:38** CSN

Prop 1: Type **HC-E5A-3A**

S/N **SA165**

TSN **99:14** CSN

Work Started **04.09.2017**

Work Ended **05.09.2017**

The below listed work has been carried out in accordance with:

PC-12/47E IETP NO 02307 REV 018 JUL 2017

T13758

OPEN ITEM: NONE

For details/work performed refer to Work Report

Unscheduled Maintenance

- 3001 3076342 05 CALCULATED WEIGHT AND BALANCE
REVISE CALCULATED WEIGHT AND BALANCE IAW POH WEIGHT AND BALANCE SECTION
-PERFORMED ,RETURN TO THE INITIAL CONFIGURATION WHEN DELIVERING THE AIRCRAFT.
- 3001 3076340 12 CHECK ENGINE OIL LEVEL
PERFORM CHECK ENGINE OIL LEVEL IAW AMM 12-B-12-10-03-00A-902A-A
-PERFORMED , ADJUSTED.
- 3001 3076341 30 PROPELLER DE-ICE SYST TEST
PERFORM PROPELLER DE-ICE SYST TEST IAW AMM 12-B-30-60-00-00A-903B-A
-PERFORMED , FOUND SATISFACTORY.
- 3001 3076336 61 REMOVAL LOANER PROPELLER
PERFORM REMOVAL OF LOANER PROPELLER SN KX1142 IAW AMM 12-B-61-10-01-00A-920A-A
-PERFORMED. A/C TSN:149:38 HRS ,PROPELLER S/N OFF:KX 1142 TSN :538:38
TSO :N/A ,(REMOVED IN SERVICEABLE CONDITION)
- 3001 3076337 61 REINSTALLATION OF ORIGINAL PROPELLER
PERFORM REINSTALLATION OF ORIGINAL ONE SN SA165 AFTER REPAIRS IAW AMM
12-B-61-10-01-00A-920B-A & STC SA03466CH
-REINSTALLATION PRFORMED IAW AMM:12-B-61-10-01-00A-920B-A
& STC SA03466CH,REPAIR PERFORMED AT PILATUS STANS ,FOR MORE
DETAILS SEE
PILATUS FORM TRK N°:UWP-AAT-17-279.
-PROPELLER HC-E5A-3A S/N ON: SA165 TSN:99:14 A/C TSN.149:38
- 3001 3076338 61 ADJUSTMENT/TEST PROPELLER

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**Together
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Work Report Ref:	301509		
Aircraft Type	PC-12/47E	A/C Location	LSGG
Aircraft Registration	HB-FWC	Aircraft Hours	149:38
Aircraft S/N	1702	Aircraft Cycles	117

3001 3076339	71	PERFORM ADJUSTMENT/TEST PROPELLER IAW AMM 12-B-61-00-00-00A-903B-A -ADJUSTMENT TEST & BALANCING OF PROPELLER PERFORMED AND FOUND SATISFACTORY. ADJUSTMENT/TEST ENGINE
		PERFORM ADJUSTMENT/TEST ENGINE IAW AMM 12-B-71-00-00-00A-903A-A -PERFORMED ,FOUND SATISFACTORY.

The details of all work carried out and materials used at RUAG Switzerland Ltd. RUAG Aviation are held at Meyrin under the above mentioned Work Report reference.
 RUAG Switzerland Ltd. RUAG Aviation 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.
 RUAG Approval reference Number CH.145.0213

Date:	Name:	Signature:	Authorization:
05.09.2017	Thierry Duport		5000663-00 RUAG

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Work Report Ref: **303579**

Aircraft Type **PC-12/47E**

A/C Location **LSGG**

Aircraft Registration **HB-FWC**

Aircraft Hours **193:13**

Aircraft S/N **1702**

Aircraft Cycles **152**

Engine 1: Type **PT6A-67P**

S/N **PCE-RY0754**

TSN

CSN

Prop 1: Type **HC-E5A-3A**

S/N **SA165**

TSN

CSN

Work Started **17.10.2017**

Work Ended **17.10.2017**

The below listed work has been carried out in accordance with:

AMM 02300 REV 17, DATED 21-JUL-2017

EMM 3038336 REV 45.2, DATED 18-AUG-2017

POM 147 REV 13, DATED 01-JUL-17

WO # T13837

OPEN ITEM: NONE

For details/work performed refer to Work Report

Unscheduled Maintenance

3001 3079066 25 TECHNICAL ASSISTANCE

CUSTOMER REQUEST : TECHNICAL ASSISTANCE FOR SLIDING SEATS.

- INVESTIGATION PERFORMED AND FOUND SEAT N°1,3,4 OUT OF TOLERANCES.

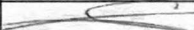
- ADJUSTMENT CARRIED OUT IAW CMM 25-20-07.

- TESTED AND CHECKED FOUND SATISFACTORY.

The details of all work carried out and materials used at RUAG Switzerland Ltd. RUAG Aviation are held at Meyrin under the above mentioned Work Report reference.

RUAG Switzerland Ltd. RUAG Aviation 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.

RUAG Approval reference Number CH.145.0213

Date:	Name:	Signature:	Authorization:
17.10.2017	Guillaume Aviez		5001359-00 RUAG

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Work Report Ref: **304701**

Aircraft Type **PC-12/47E**

A/C Location **LSGG**

Aircraft Registration **HB-FWC**

Aircraft Hours **228:14**

Aircraft S/N **1702**

Aircraft Cycles **181**

Engine 1: Type **PT6A-67P**

S/N **PCE-RY0754**

TSN

CSN

Prop 1: Type **HC-E5A-3A**

S/N **SA165**

TSN

CSN

Work Started **10.07.2017**

Work Ended **10.11.2017**

The below listed work has been carried out in accordance with:

PC-12/47E IETP NO 02307 REV 018 JUL 2017

AMP TAG 1630/1702-PC-12, REV B-P0,09-17

EMM 3038336 REV 45.2, DATED 18-AUG-2017

POM 147 REV 13, DATED 01-JUL-17

PO # **T13906**

OPEN ITEM: **NONE**

For details/work performed refer to **Work Report**


Unscheduled Maintenance

3001 3081192 45 T/S ISSUE UPLOAD NAV DATABASES

CUSTOMER REQUEST : TROUBLESHOOTING OF ISSUE WITH UPLOAD OF NAV DATABASES.

- TROUBLESHOOTING PERFORMED AND WHEN THE DATABASE UPLOAD OCCUR, FTP COMMUNICATION FAILURE ON AGM#2 IS CONTINUOUSLY DISPLAYED.
- AGM#2 MODULE RESET CARRIED OUT IAW DMC-12-B-45-45-00-00A-550A-A AND FOUND SATISFACTORY.
- ACMF& FHSB DOWNLOADED AND CLEARED IAW DMC-12-B-45-45-00-00A-551A-A AND SENT TO CUSTOMER.
- CHARTS AND NAVDATA BASE UPLOADED IAW DMC-12-B-45-45-00-00A-550A-A AND FOUND SATISFACTORY.
- CHARTS EXPIRE: 22 NOV 2017, NAVDATA EXPIRE: 06 DEC 2017.

The details of all work carried out and materials used at RUAG Switzerland Ltd. RUAG Aviation are held at Meyrin under the above mentioned Work Report reference.
RUAG Switzerland Ltd. RUAG Aviation 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.
RUAG Approval reference Number CH.145.0213

Date:	Name:	Signature:	Authorization:
10.11.2017	Guillaume Aviez		5001359-00 RUAG

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Work Report Ref: **304813**

Aircraft Type **PC-12/47E**

A/C Location **LSGG**

Aircraft Registration **HB-FWC**

Aircraft Hours **233:27**

Aircraft S/N **1702**

Aircraft Cycles **185**

Engine 1: Type **PT6A-67P**

S/N **PCE-RY0754**

TSN

233:27

CSN

185

Prop 1: Type **HC-E5A-3A**

S/N **SA165**

TSN

UNK

CSN

Work Started **13.11.2017**

Work Ended **14.11.2017**

The below listed work has been carried out in accordance with:

AMM 02300 REV 18, DATED 21-JUL-2017

AMP TAG 1630/1702-PC-12, REV B-P0,09-17

EMM 3038336 REV 45.2, DATED 18-AUG-2017

POM 147 REV 13, DATED 01-JUL-17

PO # T13919

OPEN ITEM: NONE

For details/work performed refer to Work Report

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14.11.2017 13:00:00
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Together
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Work Report Ref: **304813**

Aircraft Type **PC-12/47E**

A/C Location **LSGG**

Aircraft Registration **HB-FWC**

Aircraft Hours **233:27**

Aircraft S/N **1702**

Aircraft Cycles **185**

Unscheduled Maintenance

3001 3081267 30 FL 120 VIBRATIONS

PILOT REPORTED DURING APPROACH, FL 120, VIBRATIONS, NEED TO BE INVESTIGATED.

-CALL PHONE DEBRIEFING WITH CREWS AFTER THIS FLIGHT,
"NO WARNINGS/CAUTION ON BOARD, ICY FLYING CONDITION PRESENT, PROPELLER & AIRFOIL DE-ICE BOOTS & ALL ICE/CONDITION PROTECTIONS SWITCHED ON, BOOTS DE-ICE SEQUENCE SELECTED ON 3 MINUTES CYCLES
A/C STABLE AT FL 120, FROM THE BEGINNING OF THE DESCENT OF THE PLANE
,SIGNIFICANT VIBRATIONS APPEAR ,AND FEEL ON THE HANDS AND FEET, EMERGENCY LANDING REQUESTED, AFTER LANDING, THE FIREFIGHTERS WHO FOLLOW THE PLANE ,FIND THAT ICE FALLS FROM THE HORIZONTAL STABILIZER

-INVESTIGATIONS CARRIED OUT AS FOLLOWS.

-AIRFOIL DE-ICE BOOTS/SYSTEM INSPECTION/CHECK & ADJUSTMENT/TEST PERFORMED IAW AMM:12-B-30-10-00-00A-313A-A & 12-B-30-10-00-00A-903A-A FOUND SATISFACTORY.

-EJECTOR FLOW CONTROL VALVES CHECKED & LUBRIFICATED FOUND SATISFACTORY.

-GOODRICH ICX II PROTECTION APPLIED ON ALL BOOTS.

-PROPELLER INSPECTION/CHECK & ADJUSTMENT /TEST PERFORMED IAW AMM:12-B-30-60-00-00A-313B-A & 12-B-30-60-00-00A-903B-A FOUND SATISFACTORY.

-POWERPLANT SHOCKMOUNTS INSPECTION/CHECK PERFORMED IAW AMM:12-B-71-00-00-00A-920A-B FOUND SATISFACTORY.

-ENGINE FIRST STAGE COMPRESSOR BOROSCOPE INSPECTION PERFORMED IAW EMM:N*3038336 REV N*45.2 ,AUG 18/2017.
FOUND SATISFACTORY ,SEE REPORT ATTACHED ,

-LANDING GEAR SWING PERFORMED TO SEE IF ALL LDG DOORS CLOSE PROPERLY FOUND SATISFACTORY.

-SUMMARY OF INVESTIGATIONS: "WE HAVEN'T FIND ANY TECHNICAL DEFECTS THAT CAN EXPLAIN THOSE VIBRATIONS, WE SUPPOSE THAT THE HORIZONTAL STABILIZER WAS LOADED WITH ICE , AND DURING THE PLANE ATTITUDE CHANGE " DESCEND " THE VIBRATIONS APPEARED ,DUE TO THE DETERIORATION OF THE AERODYNAMIC PROFILE BY THE ICE "

"AS A REMINDER, PERHAPS THE AIRFOIL DE-ICE BOOTS WERE SELECTED ON: ONE MINUTE POSITION EARLIER , DEPENDING ON WEATHER CONDITIONS!"

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