

# Certificate of Release to Service

Together  
ahead. **RUAG**

Work Report Ref: **304813**

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

A/C Location **LSGG**

Aircraft Registration **HB-FWC**

Aircraft Hours **233:27**

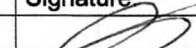
Aircraft S/N **1702**

Aircraft Cycles **185**

3002 3081268 32 CK NLG SHOCK ABS, TOO HIGH ARND 5CM

CHECK OF NOSE LANDING GEAR SHOCK ABSORBER: TOO HIGH, AROUND 5CM, NEED TO BE INVESTIGATED.

-PUT A/C ON JACKS, NITROGEN PRESSURE CHECK PERFORMED ON NOSE LDG STRUT, STAGE#1 IS FOUND AT THE UPPER LIMIT, PRESSURE STAGE#1&2 ADJUSTED IAW AMM:12-B-32-20-00-00A-902A-A FOUND SATISFACTORY.

<p>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</p>			
<b>Date:</b>	<b>Name:</b>	<b>Signature:</b>	<b>Authorization:</b>
14.11.2017	Thierry Duport		5000963-00 <b>RUAG</b>

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14.11.2017 12:04:45

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Page 3/ 3

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# Certificate of Release to Service

Together  
ahead. **RUAG**

Work Report Ref: **304985**

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 CSN  
Prop 1: Type **HC-E5A-3A** S/N **SA165** TSN CSN  
Work Started **15.11.2017** Work Ended **16.11.2017**

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 # T13935

OPEN ITEM: NONE

For details/work performed refer to Work Report

## Unscheduled Maintenance

3001 3081502 45 ASSISTANCE INVESTIGATION/REPAIR

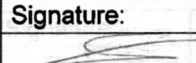
CUSTOMER REQUEST : ASSISTANCE TO INVESTIGATE AND REPAIRS, PILOT REPORTED DURING APPROACH, FL 120, VIBRATIONS, NEED TO BE INVESTIGATED.

FOR THIS ASSISTANCE TO INVESTIGATE AND REPAIRS SEE W/O: 304813 IH: 3081267.

- FOLLOING REQUEST CUSTOMER AND MANUFACTURER.
- DOWNLOAD OF ACMF & FHDB + FDR DATA CARRIED OUT IAW AMM: 12-B-45-45-00-00A-551A-A AND 12-B-31-30-01-00A-551A-A ON 15.11.2017 AVIEZ G.
- DATA SENT TO CUSTOMER AND MANUFACTURER.
- AWAITING FOR ACCEPTANCE OF RELEASE THE A/C INTO SERVICE. AVIEZ G ON 16.11.2017.
- DATA FOUND SATISFACTORY BY PILATUS, SEE EMAIL ATTACHED.

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:
16.11.2017	Guillaume Aviez		5001369-00 RUAG

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Work Report Ref: **305287**

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

A/C Location **LSGG**

Aircraft Registration **HB-FWC**

Aircraft Hours **238:05**

Aircraft S/N **1702**

Aircraft Cycles **191**

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

S/N **PCE-RY0754**

TSN

CSN

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

S/N **SA165**

TSN

CSN

Work Started **24.11.2017**

Work Ended **24.11.2017**

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

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

TAG 1630/1702 - PC-12 REV B-P0

T13953

OPEN ITEM: NONE

For details/work performed refer to Work Report

**Unscheduled Maintenance**

3001 3081837 27 FLAP DRIVE ARMS IN-SITU INSPECTION

PERFORM INBOARD FLAP DRIVE ARMS - IN-SITU INSPECTION/CHECK IAW AMM 27-51-00 -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:
24.11.2017	Thierry Duport		5000863-00 RUAG

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24.11.2017 12:55:47

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Page 1 / 1

Aviation

Inspection

TSN or before

# Certificate of Release to Service

Together  
ahead. **RUAG**

Work Report Ref: **305897**

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

A/C Location **LSGG**

Aircraft Registration **HB-FWC**

Aircraft Hours **252:46**

Aircraft S/N **1702**

Aircraft Cycles **208**

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

S/N **PCE-RY0754**

TSN

CSN

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

S/N **SA165**

TSN

CSN

Work Started **07.12.2017**

Work Ended

**08.12.2017**

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

PC-12/47E IETP N°02307 REV018/21.07.2017

PO # T13997

OPEN ITEM: NONE

For details/work performed refer to Work Report

## Unscheduled Maintenance

3001 3083781 32 ASSISTANCE

ASSISTANCE TO CHECK THE NOSE GEAR SHOCK ABSORBER AS PER PILOT REPORT, IT IS TOO HIGH.

-PUT A/C ON JACKS , PRESSURE CHECK ON NOSE LDG SHOCK ABSORBER PERFORMED AND FOUND OUT OF TOLERANCES IAW AMM :12-B-32-20-00-00A-902A-A.(PRESSURE IN STAGE #2 FOUND TO LOW 720PSI, AND TO HIGH IN STAGE#1 , 110PSI ) SHOCK ABSORBER SEALS REPLACEMENT, MUST BE PERFORMED IAW PILATUS

CMM:02100 REV N°8 MAY 31/2014, FOR DETAILS SEE IH:3083980.

3300 3083980 32

NOSE LDG SHOCK ABS SEALS REPLACEMENT

FOLLOWING IH:3083781,NOSE LDG SHOCK ABSORBER SEALS KITP/N:532.20.12.500,

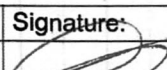
MUST BE REPLACED IAW CMM:N° 02100 REV N°8 31/2014,#32-20-05.

-PERFORMED IAW CMM:N° 02100 REV N°8 31/2014,#32-20-05.FOUND SATISFACTORY.

-R/I OF NOSE WHEEL , BEARINGS LUBRICATION & ALL TIRES PRESSURE PERFORMED IAW AMM:12-B-32-40-02-00A-920A-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:
08.12.2017	Thierry Dupont		5000865-00 RUAG

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Page 1 / 1

Dantecha l'Inarsatzuna siehe Seite 2 - Traduzione italiana vedi pagina 2

# Certificate of Release to Service

Together  
ahead. **RUAG**

Work Report Ref: **305906**

Aircraft Type	<b>PC-12/47E</b>	A/C Location	<b>LSGG</b>				
Aircraft Registration	<b>HB-FWC</b>	Aircraft Hours	<b>263:12</b>				
Aircraft S/N	<b>1702</b>	Aircraft Cycles	<b>220</b>				
Engine 1: Type	<b>PT6A-67P</b>	S/N	<b>PCE-RY0754</b>	TSN	<b>263:12</b>	CSN	<b>220</b>
Prop 1: Type	<b>HC-E5A-3A</b>	S/N	<b>SA165</b>	TSN	<b>212:48</b>	CSN	<b>186</b>
Work Started	<b>08.01.2018</b>	Work Ended	<b>11.01.2018</b>				

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

PC-12/47E IETP: 02307 REV:18, 21-JUL-17

TAG *AMP 1630/1702*

PO # T13958 REV 1

OPEN ITEM: NONE

For details/work performed refer to Work Report

**Scheduled Maintenance**

CRS/SUPERVISOR

Job Card: CRS/SUPERVISOR  
Customer ref. items

RUAG IH & Items N°	2000 SCHEDULED INSPECTION
00-00/121	3085282 2001 AIRWORTHINESS DIRECTIVES AND SB REVIEWED
00-00/122	3085283 2001 CHAPT 4 AND 5 - OVERHAUL/REPL SCHEDULE
06-00/119	3085284 2001 INSTALL ACCESS PANELS 42AB,42AT,32CT
06-00/123	3085285 2001 REMOVE ACCESS PANELS 42AB,42AT,32CT
07-10/160	3085286 2001 A/C LOWER TO THE GROUND
10-10/428	3085287 2001 EXAMINE EXTERNAL PROTECTIVE COVERS
12-20/124	3085288 2001 WASH THE AIRCRAFT EXTERIOR
12-20/125	3085289 2001 CLEAN WINDSHIELDS AND WINDOWS
12-20/126	3085290 2001 CLEAN COCKPIT AND CABIN
22-20/129	3085291 2001 EXAMINE AOA TRANSMITTERS
22-20/130	3085292 2001 CHECK STICK PUSHER SYSTEM
24-60/133	3085293 2001 EXAMINE COCKPIT CIRC. BRK/SWITCH PANELS
25-10/134	3085294 2001 EXAMINE CREW SEAT BELTS
25-10/135	3085295 2001 EXAMINE CREW SEATS AS FAR AS POSSIBLE
25-20/136	3085296 2001 EXAMINE PAX SEAT BELTS AND EXTENSIONS
25-20/302	3085297 2001 EXAMINE PAX SEATS AS FAR AS POSSIBLE
27-00/138	3085298 2001 CHECK AILERON/RUDDER/ELEV FREE MOVEMENT
27-10/139	3085299 2001 EXAMINE/LUBRICATE AILERON LH AND RH
27-20/140	3085300 2001 EXAMINE RUDDER / COVER PLATE
27-30/141	3085301 2001 EXAMINE ELEVATORS
27-40/142	3085302 2001 OP TEST TRIM INTERRUPT SWITCHES
27-40/291	3085303 2001 OP TEST HORIZONTAL STABILIZER TRIM
27-50/143	3085304 2001 LOWER FLAPS TO 40°
27-50/144	3085305 2001 EXAMINE FLAPS AND SUPPORT MECHANISM
28-10/145	3085306 2001 EXAMINE FUEL TANK FILLER CAPS
28-10/146	3085307 2001 FUEL SAMPLE FROM EACH DRAIN VALVE
28-20/147	3085308 2001 OPS TEST FUEL TANK VENT VALVE
28-20/148	3085309 2001 REMOVE AND CLEAN FUEL FILTER ELEMENT
28-20/149	3085310 2001 OPERATE FUEL EMERGENCY SHUTOFF LEVER
28-20/150	3085311 2001 EXAMINE ENGINE DRIVEN FUEL PUMP

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*B-P1 15 dec-17*  
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Airworthiness Staff  
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Next

inspection at

TSN or before

(date)

# Certificate of Release to Service

Together  
ahead. **RUAG**

Work Report Ref: **305906**

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

A/C Location **LSGG**

Aircraft Registration **HB-FWC**

Aircraft Hours **263:12**

Aircraft S/N **1702**

Aircraft Cycles **220**

30-10/154	3085315	2001	INSP/CHECK WING HORIZ STAB DE-ICE BOOTS
30-10/155	3085316	2001	OP TEST INERTIAL SEPARATION SYSTEM
30-20/156	3085317	2001	ENGINE AIR INTAKE DE-ICE LIP
30-30/329	3085318	2001	FUNCTIONAL TEST PROBES DE-ICE SYSTEM
30-60/158	3085319	2001	INSPECTION/CHECK PROPELLER DE-ICE SYS
30-60/159	3085320	2001	OPERATIONAL TEST PROPELLER DE-ICE SYS
32-10/162	3085321	2001	LUBRICATE MAIN LANDING GEAR
32-10/163	3085322	2001	EXAMINE MAIN LANDING GEAR LEGS
32-10/164	3085323	2001	EXAMINE MAIN LANDING GEAR COMPARTMENTS
32-10/165	3085324	2001	CHECK MLG SHOCK STRUTS NITROGEN PRESSURE
32-20/166	3085325	2001	CHECK NLG LEG SHOCK STRUT NITROGEN PRESS
32-20/167	3085326	2001	LUBRICATE NOSE LANDING GEAR
32-20/168	3085327	2001	EXAMINE NLG LEG STEERING MECHANISM
32-20/169	3085328	2001	EXAMINE NOSE LANDING GEAR COMPARTMENT
32-30/170	3085329	2001	FUNCT TEST OF EXTENSION/RETRACTION SYS
32-30/425	3085330	2001	EXAMINE ELECT MECH EXT & RETR MECHANISM
32-40/171	3085331	2001	EXAMINE MAIN WHEELS ROTATE WHEELS
32-40/172	3085332	2001	EXAMINE/CHECK MAIN WHEELS TIRE PRESSURE
32-40/173	3085333	2001	EXAMINE NOSE WHEEL ROTATE
32-40/174	3085334	2001	EXAMINE/CHECK NOSE WHEELS TIRE PRESSURE
32-40/175	3085335	2001	EXAMINE BRAKE UNITS
32-40/176	3085336	2001	REPLENISH FLUID RESERVOIR IF NECESSARY
33-40/177	3085337	2001	OPERATIONAL TEST OF EXTERIOR LIGHTING
33-41/178	3085338	2001	EXAMINE LANDING LIGHTS
33-42/179	3085339	2001	EXAMINE TAXI LIGHTS
33-43/180	3085340	2001	EXAMINE NAVIGATION AND STROBE LIGHTS
33-44/181	3085341	2001	EXAMINE RECOGNITION LIGHTS
33-46/182	3085342	2001	EXAMINE BEACON LIGHTS
34-00/183	3085343	2001	EXAMINE COMM & NAVIGATION ANTENNAS
34-00/184	3085344	2001	EXAMINE COCKPIT INSTRUMENTS
34-11/185	3085345	2001	EXAMINE PITOT TUBES
34-11/186	3085346	2001	EXAMINE STATIC PORTS
35-10/187	3085347	2001	CHECK HIGH PRESSURE RELIEF INDICATOR
35-10/188	3085348	2001	CHECK OXYGEN SYSTEM CONTENTS
46-26/320	3085349	2001	OP TEST PILOT/COPILOT PFD REVERS SWITCH
46-26/321	3085350	2001	OP TEST ADAHRS SENSOR SOURCE SEL SWITCH
52-10/189	3085351	2001	CLEAN PASSENGER/CREW DOOR SEAL
52-10/190	3085352	2001	EXAMINE PAX/CREW DOOR SHOOT BOLTS FRAME
52-10/191	3085353	2001	PASSENGER/CREW DOOR HANDLE LOCK PIN
52-10/192	3085354	2001	EXAMINE PASSENGER/CREW DOOR HINGES
52-30/183	3085355	2001	CLEAN CARGO DOOR SEAL
52-30/194	3085356	2001	EXAMINE CARGO DOOR BOLTS/FITTINGS/HOOKS
52-30/195	3085357	2001	EXAMINE CARGO DOOR HINGES
53-00/196	3085358	2001	EXAMINE FUSELAGE EXTERNAL SURFACE
55-10/197	3085359	2001	EXAMINE HORIZONTAL STAB EXTERNAL SURFACE
55-30/198	3085360	2001	EXAMINE VERTICAL STAB EXTERNAL SURFACE
56-10/200	3085361	2001	EXAMINE WINDSHIELD LH AND RH
56-20/201	3085362	2001	EXAMINE COCKPIT AND CABIN WINDOWS
57-00/202	3085363	2001	EXAMINE WING EXTERNAL SURFACES

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# Certificate of Release to Service

Together  
ahead. **RUAG**

Work Report Ref: **305906**

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

A/C Location **LSGG**

Aircraft Registration **HB-FWC**

Aircraft Hours **263:12**

Aircraft S/N **1702**

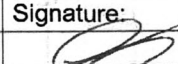
Aircraft Cycles **220**

71-00/204	3085384	2001	POWER PLANT POST INSPECTION GROUND RUN
71-00/205	3085365	2001	EXAMINE ENG TUB MOUNT FRAME SHOCKMOUNTS
71-00/206	3085366	2001	EXAMINE POWER PLANT AND ACCESSORIES
71-00/209	3085367	2001	CHECK ENG DRAIN MAST & TANK FOR LEAKS
71-10/207	3085368	2001	OPEN/EXAMINE ENGINE COWLINGS 43AL & 43AR
71-10/208	3085369	2001	CLOSE ENGINE COWLINGS 43AL & 43AR
74-00/288	3085370	2001	OPERATIONAL TEST IGNITION SYSTEM
76-00/210	3085371	2001	EXAMINE ENGINE CONTROLS IN ENGINE COMP
76-00/211	3085372	2001	BETA SLIP RING CARBON BLOCK
76-00/212	3085373	2001	COCKPIT CONTROL QUADRANT
76-00/304	3085374	2001	EXAMINE COCKPIT CONTROL QUADRANT
78-00/214	3085375	2001	EXAMINE EXHAUST STUBS
79-00/422	3085376	2001	OIL FILLER CAP/DIPSTICK
79-20/290	3085377	2001	OIL SYSTEM CHIP DETECTOR INDICATION
52100	3085464	2001	150H INSPECTION
07-10/161	3085465	2001	LIFT AIRCRAFT ON JACKS AND CONNECT THE
05701E	3085386	2002	NO. 1 ENGINE - 150H INSPECTION
57010	3085446	2002	ENG#1-MINOR INSPECTION
710019	3085447	2002	ENG#1-EXAMINE FIRST STAGE COMP ROTOR
710051	3085448	2002	ENG#1-COMP WASH PERF
731100	3085449	2002	ENG#1-CLEAN P3 FILTER DEPENDENT COND
733070	3085450	2002	ENG#1-CLEAN INSP P3 FILTER
761011	3085451	2002	ENG#1-INSP ENGINE CONTROL LINKAGES
790031	3085452	2002	ENG#1-CHECK MAGNETIC CHIP DETECTOR
790060	3085453	2002	ENG#1-INSP CLEAN OIL FILTER ELEMENT
790090	3085454	2002	ENG#1-CHECK OIL LEVEL
21-50/433	3085387	2003	CLEAN VAPOR CYCLE COMP COND MODULE
24-30/309	3085388	2004	INSP NO. 1 GENERATOR BRUSHES
24-30/310	3085389	2005	INSP NO. 2 GENERATOR BRUSHES
27-50/437	3085390	2006	IN-SITU INSP/CK INBD FLAP DRIVE ARMS
27-50/443	3085391	2007	SERV FLAP UP/DOWN LIMIT SWITCHES
27-50/74	3085392	2008	LUB FLAP ACTUATORS
30.10.1979	3085393	2009	APPLY AIRFOIL DE-ICERS SURF COATING
610030	3085394	2010	LUB PROPELLER
710061	3085395	2011	ENG#1-CONDITION TREND MONITORING

Customer ref.items RUAG IH & Items N° 3000\_UNSCHEDULED  
TOILET SERVICING 3085396 3001 TOILET SERVICING

Customer ref.items RUAG IH & Items N° 4000\_SB  
SB 45-015-R1 3085397 4001 SB 45-015-R1

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:
11.01.2018	Thierry Duport		3085396-06 RUAG

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11-14

inspection at

TSN or before

14-16

# Certificate of Release to Service

Together  
ahead. **RUAG**

Work Report Ref: **310175**

Aircraft Type **PC-12/47E**  
Aircraft Registration **HB-FWC**  
Aircraft S/N **1702**

A/C Location **LSGG**  
Aircraft Hours **313:40**  
Aircraft Cycles **257**

Engine 1: Type **PT6A-67P** S/N **PCE-RY0754** TSN **313:40** CSN **257**  
Prop 1: Type **HC-E5A-3A** S/N **SA165** TSN **263:16** CSN **223**  
Work Started **12.03.2018** Work Ended **14.03.2018**

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

- AMM IETP PC-12 REV 28, DATED 10-JUL-17   
 EMM 3038336 REV 46, DATED 30-OCT-17  POM 147 REV 13, DATED 01-JUL-17

PO # T14241

OPEN ITEM: NONE

For details/work performed refer to Work Report

### Unscheduled Maintenance

3001 3090413 24 LOW VOLTAGE BOTH BATTERIES

PILOT REPORTED : LOW VOLTAGE ON BOTH BATTERIES, NEED TO BE INVESTIGATED.

- MAIN BATTERY #1 AND #2 REMOVED FROM AIRCRAFT IAW AMM: 12B-24-30-07-00A-920B-A.  
CAPACITY TEST OF BOTH MAIN BATTERY CARRIED OUT IAW CMM MARATHON N°24-34-00 REV 15, 12 JAN 2018 AND FOUND WITHIN TOLERANCES.  
SEE REPORT ATTACHED FRM-7050-078\_E.  
BATTERY #1 & 2 REINSTALLED ON A/C AND OPERATIONAL TEST CARRIED OUT IAW AMM 12-B-24-30-00-00A-903A-A AND FOUND SATISFACTORY.  
- MAIN BATTERY #1 P/N: 31406-002 S/N OFF: 11602834 S/N ON: 11602834  
- MAIN BATTERY #1 P/N: 31406-002 S/N OFF: 11602835 S/N ON: 11602835  
SLOW START ENG 2ND STAGE

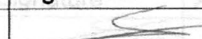
3002 3090414

45

PILOT REPORTED : SLOW START OF ENGINE AT 2ND STAGE, NEED TO BE INVESTIGATED.

ACMF & FHDB DOWNLOADED IAW AMM: 12-B-45-45-00-00A-551A-A AND SENT FOR ANALYSE.  
AFTER CAPACITY CHECK ON BOTH MAIN BATTERY, NO START SLOW IDENTIFY ON A/C.

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:
14.03.2018	Guillaume Aviez		5001359-00 RUAG

**RUAG Aviation**  
Business Aviation  
Rue Robert-Adrien Stierlin 6  
1217 Meyrin · Switzerland  
15.03.2018 09:16:10

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Page 1 / 1



# Certificate of Release to Service

Together  
ahead. **RUAG**

Work Report Ref: **310528**

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

A/C Location

GVA

Aircraft Registration **HB-FWC**

Aircraft Hours

322.50

Aircraft S/N **1702**

Aircraft Cycles

267

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

S/N **PCE-RY0754**

TSN

CSN

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

S/N **SA165**

TSN

CSN

Work Started

Work Ended

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

PC-12/47E IETP NO 02307 REV 019 FEB 2018

AMP-TAG 1630/1702-PC-12 REV B-P1 NOV/17

T14262

OPEN ITEM: NONE

For details/work performed refer to Work Report

### Unscheduled Maintenance


3001 3091098

25-00 PILOT REPORTED, LH SUNSCREEN BROKEN

CUSTOMER REPORT: PILOT REPORTED, LH SUNSCREEN BROKEN.

- MOUNTING FLANGE OF SUNVISOR REPLACED IAW AMM 12-B-25-10-00-00A-040A-A.

- P/N ON/OFF: 625.14.12.219 S/N ON/OFF: UNKNOWN

<p>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</p>			
Date:	Name:	Signature:	Authorization:
21.03.2018	Stéphane Gentil		5004488-00 RUAG

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TSN nr hafnira

(data)

Deutsche Übersetzung siehe Seite 2 – Traduzione italiana vedi pagina 2

Erläuterungen siehe Seite 3 – Explications voir page 3 – Spiegazioni vedi pagina 3 – Explanations see page 3

CERTIFICATE OF RELEASE TO SERVICE



EASA.CH.145.0209

**HB-FWC** PC-12/47E MSN: 1702  
TSN: 390:17 LDGS.: 329

**The following work has been carried out i.a.w. AMM 2300 Rev.18; 16.Feb.2018 and AMP Ref. TAG 1620/1702 - PC-12 Rev.B-P2, 14.03.2018**

- Annual Inspection i.a.w. AMM 12-B-05-20-20-00A-281A-A.
- EPS **S/N: 83671**, capacity test i.a.w. CMM TP-483, 24-30-08 (REV.C, CHANGE 3) APRIL 17, 2018
- Aileron, Rudder and Elevator cable tension adjusted i.a.w. AMM 12-B-27-10-00-00A-903A-A, 12-B-27-20-00-00A-903A-A and 12-B-27-30-00-00A-903A-A.
- Compressor performance recovery, desalination and turbine wash i.a.w. P&WC EMM 71-00-00.
- MMDR1 replaced due to radio #1 and NAV #1 troubles i.a.w. AMM 12-B-23-12-01-00A-920A-A. (**off SN: 4653, on SN: 4770**)

*For more information refer to WR 582031 and TAG W/O 35429*

**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.**

**Place/ Date:** Stans, 07.05.2018 **Signature/ Stamp**

Zraggen Ph.  
10859

VII Time of departure Heure de départ		IX Hours of flight Heures de vol	IX a Total hours of flight Total des heures de vol	IX b Hour meter Compteur d'heures	IX c Total landings Total atterrissages
VIII Time arrival Heure d'arrivée			Brought forward Report	Total cycles	
Local time or GMT Heure locale ou GMT	Airborne Décollage Landing Atterrissage				
Block Bloc					

CERTIFICATE OF RELEASE TO SERVICE



EASA.CH.145.0209

**HB-FWC** PC-12/47E MSN: 1702  
TSN: 390:17 LDGS.: 329

**The following work has been carried out i.a.w. AMM 2300 Rev.18; 16.Feb.2018 and AMP Ref. TAG 1620/1702 - PC-12 Rev.B-P2, 14.03.2018**

- Annual Inspection i.a.w. AMM 12-B-05-20-20-00A-281A-A.
- EPS **S/N: 83671**, capacity test i.a.w. CMM TP-483, 24-30-08 (REV.C, CHANGE 3) APRIL 17, 2018
- MMDR1 replaced due to radio #1 and NAV #1 troubles i.a.w. AMM 12-B-23-12-01-00A-920A-A. (**off SN: 4653, on SN: 4770**)

*For more information refer to WR 582031 and TAG W/O 35429*

**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.**

**Place/ Date:** Stans, 07.05.2018 **Signature/ Stamp**

Zraggen Ph.  
10859

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XI-XII

Troubles and observations / Visa  
 Perturbations et observations / Visa

XIII

Action taken  
 \* Maintenance release  
 Mesures prises  
 Attestation d'entretien

CERTIFICATE OF RELEASE TO SERVICE



EASA.CH.145.0209

No. **HB-FWC** PC-12/47E MSN: 1702  
 TSN: 390:17 LDGS.: 329

**The following work has been carried out i.a.w. AMM 2300 Rev.18; 16.Feb.2018 and AMP Ref. TAG 1620/1702 - PC-12 Rev.B-P2, 14.03.2018**

- Annual Inspection i.a.w. AMM 12-B-05-20-20-00A-281A-A.
- Compressor performance recovery, desalination and turbine wash i.a.w. P&WC EMM 71-00-00.
- Corrosion Inspection of Compressor Air Inlet Housing and First-stage Compressor rotor inspection with borescope i.a.w. P&WC EMM 72-00-00, page block 603.
- Application of corrosion inhibition i.a.w P&W EMM 72-00-00 para 6 preventively.
- Hot section borescope inspected i.a.w P&WC EMM 72-00-00, document 601.
- Fuel manifold adapter and nozzles cleaning, spray and leak test i.a.w. P&WC EMM 72-00-00 Table 601.
- RGB and AGB chip detector inspected i.a.w. P&WC EMM 72-00-00.
- Ignition exciter - Check and Inspection i.a.w. EMM Ref 74-10-00
- Ignition cables - Check and Inspection i.a.w. EMM 74-20-00
- Spark igniters - Check and Inspection i.a.w. P&WC EMM 74-20-00.

*For more information refer to **WR 582031** and **TAG W/Q 35429***

**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.**

Place/ Date: Stans, 07.05.2018 Signature/ Stamp

*Zraggen Ph.*  
 10859

**W/R-No. 582031**
**Workreport**

Original

 TAG AVIATION S.A.  
 20, CHEMIN DES PAPILLIONS  
 AIRPORT  
 1215 GENEVA 15

**Registration**      **HB-FWC**
**LDG**      **329**
**Work performed from:**      **30.04.2018 to: 07.05.2018**
**Cycles**      **329**

	<b>Manufacturer</b>	<b>Type</b>	<b>S/N</b>	<b>TSN</b>	<b>TSO</b>
<b>Airframe</b>	PILATUS AG	PC-12/47E	1702	390:17	---
<b>Engine1</b>	PRATT&WHITNEY	PT6A-67P	PCE-RY0754	390:17	---
<b>Propeller1</b>	HARTZELL	HC-E5A-3A	SA165	339:53	---

**HB-FWC - Annual Inspection (Ref. WO 35429 ANNUAL 2018)**

The work was carried out i.a.w. the documents referenced:

- AMM 02300 REV.18 / 16. FEB 2018
- EMM P/N 3038336 REV. 47.0 / 09. APR 2018
- HARTZELL MANUAL 147 REV. 14 / MAR 2018

**Schedule Tasks**

<b>Task</b>	<b>Chapter</b>	
0240	04	<b>Horizontal stabilizer trim functional test of trim runaway aural warning system (FAA CM-R) to be checked.</b> <b>CAMP Ref. 27-40/1</b> Horizontal stabilizer trim functional test of trim runaway aural warning system (FAA CM-R) carried out i.a.w. AMM 12-B-27-40-00-00A-903A-A.
0050	05	<b>General inspection to check if any damage.</b> <b>TAG Ref. 00-TAG-010</b> General inspection if any damage, performed i.a.w. TAG 0702, Rev P1, 01/April/2014 Found: 1.) Vertical stabilizer nose fairing - Paint finish Clear coat missing/ worn 2./3.) Dorsal LH & RH side - Paint finish matted/ dull surface
0020	05	<b>Annual Inspection to be carried out.</b> <b>CAMP Ref. 052105 Annual Inspection</b> - 052100 100hrs Inspection - 05701E Engine Minor Inspection - 761011 Inspect Engine Control Linkages - 790031 Check Magnetic Chip Detector for Continuity - 790060 Inspect Oil Filter Element - Aircraft wash external Annual Inspection carried out i.a.w. AMM 12-B-05-20-20-00A-281A-A.

Qty	Part Name	P/N On/Off	S/N Off	Hrs	S/N On	Hrs
1	SEAL,O-RING,NBR,11.9*2.0	9469127106				
1	SEAL,O-RING,FKM,10.9*1.9	9469127713				
1	SEAL,O-RING,FKM,25.3*2.7	9469127765				
1	SEAL,O-RING,FKM,62.1*2.7	9469127788				
1	SEAL,O-RING,FKM,44.4*3.6	9469127838				
1	SEAL,O-RING,FVMQ,10.8*2.6	9469130111				
1	SEAL,O-RING,FVMQ,21.8*3.5	9469130212				
1	SEAL,O-RING,FVMQ,79.0*3.5	9469130235				
1	SEAL,O-RING,FVMQ,53.1*3.0	9469130928				
4	COTTER PIN,MON,2.4*25.4	9401702521				

Task	Chapter	
0070	11	<b>Check if placards are damaged or missing, and renew as required</b> <b>TAG Ref. 11-TAG-010</b> Placards checked i.a.w. TAG0701, Rev.P1, April 01/2017 -> found satisfactory.
0260	12	<b>Flap up and down limit switches to be serviced</b> <b>CAMP Ref. 27-50/443</b> Flap up and down limit switches service performed i.a.w. AMM 12-B-12-20-07-00A-902A-A
0040	20	<b>External Corrosion / Corrosion Protective Inspection to be carried out</b> <b>CAMP Ref. 00-00/45B</b> External Corrosion / Corrosion Protective Inspection carried out i.a.w. AMM 12-B-20-40-00-00A-901A-A.
0030	20	<b>Internal Corrosion / Corrosion Protective Inspection to be carried out.</b> <b>CAMP Ref. 00-00/45A</b> Internal Corrosion / Corrosion Protective Inspection carried out i.a.w. AMM 12-B-20-40-00-00A-901A-A
0080	21	<b>ECS emergency shut-off system has to be checked.</b> <b>CAMP Ref. 21-20/317</b> ECS emergency shut-off system check carried out i.a.w. AMM 12-B-04-00-00-00A-000A-A.
0090	21	<b>Pressurisation dump switch (MSN 1001-1719 ) Operational test to be performed i.a.w. AMM 12-B-21-30-00-00A-903A-A.</b> <b>CAMP Ref. 21-30/318</b> Pressurisation dump switch (MSN 1001-1719 )Operational performed performed i.a.w. AMM 12-B-21-30-00-00A-903A-A.
0140	21	<b>Read out of Air Conditioning OPS hours to be performed.</b> <b>CAMP Ref. 21-TAG-010</b> Air Conditioning OPS Hours: 109.6 hrs. Read out performed i.a.w. standard practices.
0130	21	<b>Vapor cycle compressor condenser module (incl. motor) to be cleaned.</b> <b>CAMP Ref. 21-50/433</b> Vapor cycle compressor condenser module (incl. motor) cleaned i.a.w. OSCMM 21-00-23, page Rev. 10 page 34.
0120	21	<b>Heat exchanger - due for matrix examination.</b> <b>CAMP Ref. 21-40/56</b> Heat exchanger matrix examined i.a.w. AMM 12-B-21-40-02-00A-313-A-A.
0110	21	<b>Cold air unit to be re-oiled.</b> <b>CAMP Ref. 21-40/55</b> Cold air unit removed, re-oiled and reinstalled

**W/R-No. 582031**
**Workreport**

Original

i.a.w. AMM 12-B-21-40-02-00A-902A-A

Qty	Part Name	P/N On/Off	S/N Off	Hrs	S/N On	Hrs
2	SEAL,O-RING	9573000165				

**Task Chapter**

- 0100 21 **Water separator condenser to be cleaned.**  
**CAMP Ref. 21-40/50**  
 Water separator condenser removed, cleaned and reinstalled  
 i.a.w. AMM 12-B-21-40-03-00A-250A-A.

Qty	Part Name	P/N On/Off	S/N Off	Hrs	S/N On	Hrs
2	PACKING	9599010143				
1	SEAL,O-RING,MVQ,88.9*3.6	9469131238				

**Task Chapter**

- 0150 22 **Servo mount (pitch, roll and yaw) clutch to be checked.**  
**CAMP Ref. 22-10/60**  
 Servo clutches removed, check performed and reinstalled  
 i.a.w. AMM 12-B-22-10-00-00A-313A-A.
- 0180 24 **Functional Test of Generator Control Unit 1 and 2 to be performed.**  
**CAMP Ref. 24-30/311**  
 Functional test of the GCU 1 and GCU 2 over- and under-voltage trip protection (Refer to DM 12-B-71-00-00-00A-903D-A) carried out.
- 0160 24 **Generator 1 brush inspection to be carried out.**  
**CAMP Ref. 24-30/309**  
 Generator 1 brush inspection carried out  
 i.a.w. AMM 12-B-24-30-01-00A-313A-A.  
 \*\* Remaining brush 70% \*\*
- 0170 24 **Starter Generator 2 brush inspection to be carried out.**  
**CAMP Ref. 24-30/310**  
 Starter Generator 2 brush inspection carried out  
 i.a.w. AMM 12-B-24-30-01-00A-313A-A.  
 \*\* Remaining brush 70% \*\*
- 0190 24 **Emergency power supply, capacity test to be carried out.**  
**CAMP Ref. 24-50/70**  
 Emergency power supply S/N: 83671, capacity test carried out  
 i.a.w. CMM TP-483, 24-30-08 (REV.C, CHANGE 3) APRIL 17, 2018  
 \*\* Capacity test passed with 82 minutes \*\*
- 0210 25 **Visual check of safety equipment, general condition and expiry dates.**  
**TAG Ref. 25-TAG-010**  
 General condition and expiry date checked  
 i.a.w. standart practices.
- 0220 26 **Fire extinguisher contents check to be carried out.**  
**CAMP Ref. 26-20/24**  
 Fire extinguisher contents check carried out.  
 i.a.w. AMM 12-B-26-20-00-00A-040A-A  
 Actual weight: 2.0264 kg
- 0250 27 **Inboard flap drive arms - Inspection/Check**  
**CAMP Ref. 27-50/437**  
 In-situ Inspection/check i.a.w. AMM 12-B-27-51-00-00A-313A-A.
- 0230 27 **Aileron control system bearings to be lubricated**  
**CAMP Ref: 27-10/470**  
 Aileron control system bearings lubricated  
 i.a.w. AMM 12-B-27-10-00-00A-901A-A (AMM Temp Rev. E05-04)

**W/R-No. 582031**

**Workreport**

Original

- 0270 27 **Flap actuators to be lubricated.**  
**CAMP Ref. 27-5074**  
 Flap actuators lubricated i.a.w. AMM 12-B-27-50-00-00A-902A-A.
- 0280 27 **Flap actuators backlash check to be carried out.**  
**CAMP Ref. 27-5076**  
 Flap actuators backlash checked i.a.w. AMM 12-B-27-50-03-00A-313-A-A.
- 0290 30 **Airfoil de-icers, apply a surface coating of "Age Master No.1".**  
**CAMP Ref. 30-1079**  
 Airfoil de-icers coating applied i.a.w. the manufacturers Instructions.
- 1020 31 **LDR storage readout to be carried out.**  
**CAMP Ref. 31-TAG-010, 31-TAG-020**  
 LDR storage readout carried out i.a.w. AMM 12-B-31-30-01-00A-551A-A.
- 0300 31 **Annual/SN 1270 up: LDR Operational Test to be carried out.**  
**CAMP Ref. 310187, 31-TAG-010, 31-TAG-020**  
 Operational Test of LDR carried out  
 i.a.w. AMM 12-B-31-30-01-00A-903A-A.
- 1110 32 **Main landing gear spring strut Electro mechanical landing gear -  
 Inspection to be carried out.**  
**CAMP Ref. 32-30/429**  
 Loosen and move the spring strut cover to examine the springs  
 i.a.w AMM 12-B-32-10-06-00A-313A-A carried out
- 1100 32 **Time delay relays and power contactors - Electro mechanical landing gear  
 only - Functional test to be carried out**  
**CAMP Ref: 32-30/426**  
 Functional test carried out i.a.w. AMM 12-B-32-30-08-00A-903A-A.
- 0320 32 **Main landing gear shock absorber top and bottom attachment bolts and  
 nuts to be examined.**  
**CAMP Ref: 32-10/436**  
 Main landing gear shock absorber top and bottom attachment bolts and  
 nuts examined i.a.w. AMM 12-B-32-10-00-00A-310B-A.

Qty	Part Name	P/N On/Off	S/N Off	Hrs	S/N On	Hrs
4	COTTER PIN,MON,2.4*25.4	9401702521				

**Task Chapter**

- 0310 32 **Main landing gear hinge pin and bushes - Inspection/check to be carried  
 out.**  
**CAMP Ref. 32-10/315**  
 Main landing gear hinge pin and bushes - Inspection/check carried out  
 i.a.w. Electro-mechanical Landing Gear AMM 12-B-32-10-00-00A-313B-A.

Qty	Part Name	P/N On/Off	S/N Off	Hrs	S/N On	Hrs
2	COTTER PIN,MON,1.6*19.1	9401702502				

**Task Chapter**

- 0330 32 **Main and nose wheel bearings due for lubrication.**  
**CAMP Ref. 32-10/80**  
 Main and nose wheel bearings lubricated  
 i.a.w. AMM 12-B-12-20-06-00A-902A-A.

Qty	Part Name	P/N On/Off	S/N Off	Hrs	S/N On	Hrs
2	COTTER PIN,CRES,PASS,1.2*12.7	9401702316				

**Task Chapter**

- 0350 35 **Passenger oxygen mask (plug in mask) system operational test to be  
 performed i.a.w 12-B-35-00-00-00A-903A-A.**

- CAMP Ref. 35-20-459**  
 Passenger oxygen mask (plug in mask) system operational performed  
 i.a.w. AMM 12-B-35-00-00-00A-903A-A.
- 0410 45 **Engine Trend Monitoring System and ACMF reports to be downloaded.**  
**CAMP Ref. 710061**  
 Engine Trend Monitoring data and ACMF reports downloaded i.a.w.  
 AMM 12-B-45-45-00-00A-551A-A and checked for exceedances, found:  
 \*\* No Exceedances found \*\*
- 0340 45 **Perform FMS Nav Data Base Update - Upload latest FMS Nav**  
**Database into the FMS Computer.**  
**TAG Ref. 34-TAG-010**  
 Charts database updated; NAV database found up-to-date  
 i.a.w. AMM-12-B-45-45-00-00A-550A-A.
- 0360 53 **Static ports critical area - Inspection/check to be carried out**  
 i.a.w. AMM 12-B-53-30-01-00A-313A-A  
**CAMP Ref. 53-30/342**  
 Static ports critical area - Inspection/check carried out  
 i.a.w. AMM 12-B-53-30-01-00A-313A-A
- 0370 61 **5 Blades Propeller - 400 hrs / 12 mt detailed inspection**  
**CAMP Ref. 610020**  
 5 Blades Propeller - 400 hrs / 12 mt detailed inspection performed  
 i.a.w. Hartzell propeller Owners manual No 147 61-0047
- 0470 71 **Compressor desalination wash to be carried out.**  
**CAMP Ref. 71-00/104**  
 Compressor desalination wash carried out  
 i.a.w. AMM 12-B-71-00-00-00A-250A-A and P&WC EMM 71-00-00.
- 0460 71 **Compressor performance recovery wash to be carried out.**  
**CAMP Ref. 71-00/103, 710051**  
 Compressor performance recovery wash carried out  
 i.a.w. AMM 12-B-71-00-00-00A-250A-A and P&WC EMM 71-00-00.
- | Qty | Part Name                | P/N On/Off | S/N Off | Hrs | S/N On | Hrs |
|-----|--------------------------|------------|---------|-----|--------|-----|
| 1   | GASKET,IGNITER           | 9682011159 |         |     |        |     |
| 1   | GASKET                   | 9682012529 |         |     |        |     |
| 1   | SEAL,O-RING,MVQ,34.7*2.7 | 9682013251 |         |     |        |     |
| 1   | SEAL,O-RING,MVQ,14.1*1.9 | 9682013250 |         |     |        |     |
| 1   | SEAL,O-RING,MVQ,12.5*1.9 | 9682013249 |         |     |        |     |
- Task Chapter**
- 0480 71 **Turbine wash to be carried out.**  
**CAMP Ref. 71-00/105**  
 Turbine wash carried out i.a.w. AMM 12-B-71-00-00-00A-250A-A  
 and P&WC EMM 71-00-00.
- 0380 71 **Torque limiter test and performance test to be carried out.**  
**CAMP Ref. 71-00/101 Torque Limiter Test; 71-00/102 Performance Test**  
 Torque limiter test and performance test carried out  
 i.a.w. AMM 12-B-71-00-00-00A-903G-A and 12-B-71-00-00-00A-903H-A.
- 0390 71 **Engine torque and stick pusher torque transducer electrical**  
**connectors to be cleaned.**  
**CAMP Ref. 71-00/107**  
 Engine torque and stick pusher torque transducer electrical  
 connectors cleaned i.a.w. AMM 12-B-71-00-03-00A-250A-A
- 0490 72 **Corrosion Inspection of Compressor Air Inlet Housing and**  
**First-stage Compressor Rotor inspection with borescope to be carried out**  
 i.a.w. P&WC EMM 72-00-00, table 601



**W/R-No. 582031**
**Workreport**

Original

**CAMP Ref. 710053, 710019**

Application of corrosion inhibition i.a.w P&W EMM 72-00-00 para 6 to be preventively carried out. Applicable only to magnesium housing and with installed air inlet screen.

Corrosion Inspection of Compressor Air Inlet Housing and First-stage Compressor rotor inspection with borescope carried out i.a.w. P&W EMM 72-00-00, page block 603

Application of corrosion inhibition i.a.w P&W EMM 72-00-00 para 6 preventively carried out.

- 0400 72 **Hot section borescope inspection to be carried out**  
**CAMP Ref. 710031**  
 Hot section borescope inspected i.a.w. P&W EMM 72-00-00, document 601.
- 0420 73 **Fuel manifold adapter and nozzles due for inspection**  
 i.a.w. P&W EMM 72-00-00 Table 601.  
**CAMP Ref. 731025 & 731015**  
 Fuel manifold adapter and nozzles removed, cleaned, spray and leak test performed and reinstalled i.a.w. P&W EMM 72-00-00 Table 601.

Qty	Part Name	P/N On/Off	S/N Off	Hrs	S/N On	Hrs
86	SEAL,O-RING,FKM,5,4*1.9	9469127709				
14	GASKET,FUEL MANIFOLD	9682012113				

**Task Chapter**

- 0430 74 **Check ignition cables for chafing, wear and installation**  
**CAMP Ref. 742010**  
 Check and Inspection performed i.a.w. EMM 74-20-00
- 1000 74 **Check ignition exciter for installation and condition**  
**CAMP Ref. 740015**  
 Check and inspection performed iaw EMM Ref 74-10-00
- 1010 74 **Check spark igniters for cleanliness and erosion.**  
**CAMP Ref. 740025**  
 Spark igniters - Check and inspection performed i.a.w. EMM 74-20-00.

Qty	Part Name	P/N On/Off	S/N Off	Hrs	S/N On	Hrs
2	GASKET,IGNITER	9682011159				

**Task Chapter**

- 0440 76 **Propeller feathering microswitches functional test to be carried out.**  
**CAMP Ref. 76-10/117**  
 Propeller feathering microswitches functional test carried out i.a.w. AMM 12-B-76-10-02-00A-903A-A.
- 0450 79 **Reduction gearbox chip detector and accessory gearbox chip detector to be inspected i.a.w. P&W EMM 72-00-00.**  
**CAMP Ref. 790040 & 790031**  
 Reduction gearbox chip detector and accessory gearbox chip detector inspected i.a.w. P&W EMM 72-00-00.

Qty	Part Name	P/N On/Off	S/N Off	Hrs	S/N On	Hrs
1	SEAL,O-RING,FKM,10,9*1.9	9469127713				
1	SEAL,O-RING,FKM,17,3*2.7	9469127760				

**Unschedule Tasks**
**Task Chapter**

- 1040 21 **Air conditioning in cockpit: system is slow with poor efficiency, indication is not accurate; the pilot have to lower the cursor to 1-17**

**W/R-No. 582031**

**Workreport**

Original

to have a fine temperature; Outlets are exiting hot air

- To be investigated.

Air conditioning in cockpit visual inspected and found a tape around the cockpit temperature sensor. Tape removed and air conditioning tested i.a.w. AMM 12-B-21-60-06-00A-920A-A  
-> found satisfactory.

1030 23 **MMDR1 troubles with radio 1 and nav 1 but no flag appeared.**

- To be investigated.

Troubleshooting performed and MMDR1 replaced i.a.w. AMM 12-B-23-12-01-00A-920A-A.

Qty	Part Name	P/N On/Off	S/N Off	Hrs	S/N On	Hrs
1	MMDR No rPN:069-01037-0102	0000008480	4653	TSN UKN	4770	TSN 0.00

**Task Chapter**

1070 27 **Aileron, rudder and elevator cable tension out of tolerance.**  
Aileron, rudder and elevator cable tension adjusted i.a.w. AMM 12-B-27-10-00-00A-903A-A, 12-B-27-20-00-00A-903A-A and 12-B-27-30-00-00A-903A-A.

Qty	Part Name	P/N On/Off	S/N Off	Hrs	S/N On	Hrs
12	CLIP,LOCK,CRES,PASS,0.7*49.7	9401729402				
6	CLIP,LOCK,CRES,PASS,0.7*27.4	9401729401				

**Task Chapter**

1060 28 **O-rings of fuel filler cap on LH and RH brittle.**  
O-rings of fuel filler cap on LH and RH fuel tank replaced i.a.w. standard practices.

Qty	Part Name	P/N On/Off	S/N Off	Hrs	S/N On	Hrs
2	SEAL,O-RING,NBR,69.4*3.5	9469127446				

**Task Chapter**

1090 57 **Bushes from the inner flap support arm on RH flap out of tolerance.**  
Bushes from the inner flap support arm on RH flap replaced i.a.w. AMM 12-A-57-50-02-00A-904A-A.

Qty	Part Name	P/N On/Off	S/N Off	Hrs	S/N On	Hrs
1	BUSH,SELF-LUB,FLANGE,AL,CAA	9412257102				
1	BUSH,SELF-LUB,FLANGE,AL,CAA	9412257103				

**Task Chapter**

1080 61 **Carbon Block (low pitch warning) to be replaced (has been worn to limit)**  
Carbon Block replaced i.a.w. AMM 12-B-61-10-01-00A-920A-A.

Qty	Part Name	P/N On/Off	S/N Off	Hrs	S/N On	Hrs
1	BLOCK ASSY, CARBON	9682911375				

**Task Chapter**

1050 72 **Found oil leak at gauge-glass.**  
Bolts on gauge-glass retorqued i.a.w. PWC EMM 72-20-00.

W/R-No. 582031

Workreport

Original

**Various / Notes**

**Task Chapter**

0010

**Job preparation / Administrative Works**

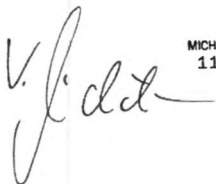
Verification of requested work package based on aircraft log books. (see note in our offer regarding continuing airworthiness)

**Conformity Statement:**

We confirm that for the above mentioned work performed a maintenance release in the flight log in accordance with Part-145 has been issued.

CH - 6371 Stans, 01.06.2018

PILATUS AIRCRAFT LTD.  
AIRCRAFT MAINTENANCE  
CH.145.0209

i.v. 

MICHAŁOW S.  
11875

# Certificate of Release to Service

Together  
ahead. **RUAG**

Work Report Ref: **313777**

Aircraft Type **PC-12/47E**  
Aircraft Registration **HB-FWC**  
Aircraft S/N **1702**

A/C Location **LSGG**  
Aircraft Hours **471:41**  
Aircraft Cycles **393**

Engine 1: Type **PT6A-67P** S/N **PCE-RY0754** TSN CSN  
Prop 1: Type **HC-E5A-3A** S/N **SA165** TSN CSN  
Work Started **12.06.2018** Work Ended **12.06.2018**

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

- IETP 2307 PC-12NG, REV20, 30 MAY 2018  AMP TAG 1630/1702-PC-12 REV B-P2,14MAR18

PO # T14411 REV 1

OPEN ITEM: NONE

For details/work performed refer to Work Report

### Unscheduled Maintenance

3001 3096741 23 ASSISTANCE AS PER TAG WO

THIS CARD IS USED FOR INVOICING PURPOSES ONLY (AS PER WORK REQUEST). ASSISTANCE FOR TROUBLESHOOTING AND REPAIR FOLLOWING PILOT REPORT OF FAILURE MESSAGE OF MMDR1, RADIO AND LOC WERE OPERATIVE, NEED TO BE INVESTIGATED.

- ASSISTANCE PERFORMED AND MMDR#1 REPLACED IAW 12-B-23-12-01-00A-920A-A.
- OPERATIONAL TES OF VHF COM SYSTEM #1 CARRIED OUT IAW TASK 12-B-23-12-00-00A-903A-A AND FOUND SATISFACTORY.
- FUNCTIONAL TEST OF VHF NAVIGATION SYSTEM CARRIED OUT IAW TASK 12-B-34-51-00-00A-903A-A AND FOUND WITHIN TOLERANCES.
- OPERATIONAL TEST OF ADF SYSTEM CARRIED OUT IAW TASK 12-34-53-00-00A-903A-A AND FOUND SATISFACTORY.
- MMDR #1 P/N: 069-01037-0102 S/N OFF: 4770 S/N ON: 1640.

3002 3096849 45

ECTM DOWNLOAD

CUSTOMER REQUEST : PLEASE PERFORM ENGINE CONDITION TREND MONITORING (ECTM) DOWNLOAD.

ACMF AND FHDB DOWNLOADED IAW 12-B-45-45-00-00A-551A-A AND SENT TO CUSTOMER.

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:
12.06.2018	Guillaume Aviez		5001359-00 RUAG

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12.06.2018 08:48:56

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Page 1 / 1