



# Certificate of Release to Service

## AIRCRAFT


<b>Aircraft Type</b>	PC12-47E
<b>Registration</b>	HB-FWC
<b>S/N</b>	1702
<b>WP</b>	43682

82701	FAA AD 2021-02-04 FLIGHT CONTROLS - FLAP DRIVE SYSTEM / FLAP FAIRINGS AND FRONT INBOARD TENSION RODS - INSPECTION / MODIFICATION / REPLACEMENT PARA F1 // C/W REFER TO TASK 22701 FOR SB 27-026 APPLICATION
90020	COVER PROTECTION AND REMOVAL PERFORMED
90501	VERIFIED AND CONFIRMED THAT ANY CRITICAL TASKS WERE IDENTIFIED AND APPROPRIATELY SIGNED OFF I.A.W TAG0202 AND CUSTOMER PROCEDURE PERFORMED THAT ANY CRITICAL TASK WERE IDENTIFIED APPROPRIATELY SIGNED OFF I.A.W TAG0202 AND CUSTOMER PROCEDURE

**6 Work Deferred**  
N/A

**7 Work Cancelled**  
N/A

### Informations

<b>8 Certificate of Release to Service</b> The undersigned 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.			
<b>Date (dd-mm-yy)</b> 11 May 2021	<b>Name and Signature</b> Vincent DUPOISSON 	<b>Stamp</b> TAG Maintenance Services SA CH.145.0248 66 D1/B2/C-FR010071 DUPOISSON V.	<b>EASA Approval Ref. N° :</b> CH.145.0248
<b>Location</b> GENEVA			

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

XIII  
 Action taken  
 Maintenance release  
 Mesures prises  
 Attestation d'entretien

No.

No.

**Inspection de douane Genève Aéroport**  
**Service Aviation**

Contrôle des travaux de maintenance  
 effectué



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	XIII Action taken Maintenance release Mesures prises Attestation d'entretien																
No.	No.																
	<table border="1"><tr><td colspan="4">Swiss Federal Office of Civil Aviation</td></tr><tr><td>Airworthiness Inspection for</td><td colspan="3">Conformity</td></tr><tr><td>Report No. <i>002-8269</i></td><td>Import</td><td>Export <input checked="" type="checkbox"/></td><td>Other</td></tr><tr><td>Date: <i>18.05.2021</i></td><td colspan="3">Signature <i>[Handwritten Signature]</i></td></tr></table>	Swiss Federal Office of Civil Aviation				Airworthiness Inspection for	Conformity			Report No. <i>002-8269</i>	Import	Export <input checked="" type="checkbox"/>	Other	Date: <i>18.05.2021</i>	Signature <i>[Handwritten Signature]</i>		
Swiss Federal Office of Civil Aviation																	
Airworthiness Inspection for	Conformity																
Report No. <i>002-8269</i>	Import	Export <input checked="" type="checkbox"/>	Other														
Date: <i>18.05.2021</i>	Signature <i>[Handwritten Signature]</i>																



Next inspection  
Prochain h contrôle

XI-XII

Troubles and observations/Visa  
Perturbations et observations/Visa

No.

I have found this aircraft, Pilatus Aircraft Ltd PC-12/47E, sn 1702, N536HC, meets the requirements for the certificate requested and have issued a US Standard Airworthiness Certificate on 28 June 2022. Next inspection 30 June 2022  
*Terry R Meyer*  
Patrick J Healy 211964409

No.

~~2021-11-02 TITAF~~  
2021-08-30 THIS AIRCRAFT IS BEING MAINTAINED IN ACCORDANCE WITH THE AIRBORNE AIRCRAFT MANAGEMENT LLC APPROVED AIRCRAFT INSPECTION PROGRAM FOR THE PILATUS PC-12/47E. THIS WILL REMAIN IN EFFECT UNTIL CANCELED BY NOTATION TO THAT EFFECT IN THE PERMANENT AIRCRAFT RECORD.  
*Terry R Meyer A&P 2702278 IA*

Airborne Aircraft Management LLC Aircraft Log Book Insert

Pilatus PC-12/47E

N536HC

MSN 1702

ACTT: 1626.1

ACTC: 1390

Date: 2021-10-11

Page 1 of 1

- Incorporated SB 21-017 Rev 4, Index No. 143 "Replacement of Nickel Cadmium Batteries with Lead Acid Batteries. Removed two Marathon Norco P/N 31406-002, S/N 12000394 and 11602834. Installed two Concorde RG-380E/44, S/N 41182267 in #2 position, S/N 41181482 in #1 position. Initial capacity check due 2022-10 (± 1 month).
- Removed First Aid Kit from aircraft.

Maintenance Release

The airframe identified above was inspected and serviced in accordance with the Airborne Aircraft Management LLC AAIP for PC-12/47E and 14 CFR. It was determined to be in airworthy condition with respect to the work performed and is approved for return to service.

Signed:

*Terry R Meyer*  
Terry R. Meyer A&P 2702278

-END OF ENTRY-

Pilatus PC-12/47E

N536HC

MSN 1702

ACTT: 1667.1

ACTC: 1432

Date: 2021-11-02

Page 1 of 1

Altitude Pre-Select function not working correctly. Selection jumps by multiple 100's and 1000' of feet when knobs turned. Removed 071-01597-0401, S/N KMC9200-1985 (original equipment). Installed 071-01597-0401, S/N KMC9200-1334. TIS unknown. All functions operate normally.

Maintenance Release

The airframe identified above was inspected and serviced in accordance with the Airborne Aircraft Management LLC AAIP for PC-12/47E and 14 CFR. It was determined to be in airworthy condition with respect to the work performed and is approved for return to service.

Signed: Terry R. Meyer  
Terry R. Meyer A&P 2702278

-END OF ENTRY-

Pilatus PC-12/47E

N536HC

MSN 1702

ACTT: 1804.4

ACTC: 1575

Date: 2022-02-24

Page 1 of 1

KN 63 DME does not display distance. Station identification is audible. No output power noted on test set. Removed P/N 066-1070-01, S/N 39419. Installed REPAIRED P/N 066-1070-01, S/N 1765, Mods 3,4,6. Work accomplished by Duncan Aviation, CRS JGVR194F, WO 8GWZA.

Maintenance Release

The airframe identified above was inspected and serviced in accordance with the Airborne Aircraft Management LLC AAIP for PC-12/47E and 14 CFR. It was determined to be in airworthy condition with respect to the work performed and is approved for return to service.

Signed: Terry R. Meyer  
Terry R. Meyer A&P 2702278

-END OF ENTRY-



Airframe Logbook 24-Mar-22  
N536HC PC-12/47E S/N 1702  
Facility: Certificate #:  
Airframe Hours: 1845.3 Airframe Cycles/Landings: 1596  
Airframe Ach: 449.8

THE FOLLOWING INSPECTION ITEMS / TASKS WERE ACCOMPLISHED:

TASK NUMBER	DESCRIPTION
1 00-00/121	CHECK AIRWORTHINESS DIRECTIVES AND SERVICE BULLETINS REVIEWED AND COMPLIED WITH AS REQUIRED
2 00-00/122	CHECK CHAPTER 4 AND CHAPTER 5 - OVERHAUL AND REPLACEMENT SCHEDULE AND TIME LIMITED INSPECTION REQUIREMENTS DMS REVIEWED AND ANY ADDITIONAL REQUIREMENTS ARE COMPLIED WITH
3 05-200A	JOB SET UP / ELOOSE UP PACKAGE
4 00-00/481	CHECK AIRCRAFT FLIGHT MANUAL IS AT THE LATEST REVISION
5 05-401A	300 HOUR INSPECTION
6 05-407A	100 HOUR OR 12 MONTHS INSPECTION

I CERTIFY THAT THIS AIRCRAFT WAS REPAIRED (IN ACCORDANCE WITH CURRENT FAA REGULATIONS) AND/OR INSPECTED IN ACCORDANCE WITH AN APPROVED INSPECTION PROGRAM REQUIRED BY FAR135.419 AND IS APPROVED FOR RETURN TO SERVICE.

Work Performed By: JAY R VILLAIVA

Certificate #: A&P - 3070370

I CERTIFY THAT THIS AIRCRAFT WAS REPAIRED (IN ACCORDANCE WITH CURRENT FAA REGULATIONS) AND/OR INSPECTED IN ACCORDANCE WITH AN APPROVED INSPECTION PROGRAM REQUIRED BY FAR135.419 AND IS APPROVED FOR RETURN TO SERVICE.

Work Inspected By: JAY R VILLAIVA

Certificate #: IA - 3070370

2022-03-24 TIAF 1845.3 TCAF 1596 REPLACED LEFT MAINWING ENGINE, GOOD YEAR FLIGHT CUSTOMER LTD, 500 X10-10, P/N 850 T06-3, S/N 16093210260042, WHEEL HUBS S/N'S 3653 & 3635. K. VILLI AP30703701A

Pilatus PC-12/47E

N536HC

MSN 1702

ACTT: 1938.5

ACTC: 1685

Date: 2022-06-30

Performed AAIP inspections.

Base month for "interval package" inspections is May.

Base time for "interval package" inspections is 1528.1 TTAFT. Next 100-hour inspection is due at 2038.5 +/- 10 hours.

Airworthiness Directives addressed at this time:

- Researched through Bi-Weekly 2022-15.

The following technical bulletins are new or revised since the last inspection or were addressed at this time:

- Index 447, SB 32-030, 2022-06-27. Landing gear actuator corrosion protection. Mandatory compliance within 6 months, or next 300 hour inspection or 12 month inspection, which ever occurs first.

The following AAIP, Chapter 4 & 5 inspection and maintenance items were addressed at this time:

- 00-00/45A Perform Corrosion Inspection (Internal)
- 00-00/45B Perform Corrosion Inspection (External)
- 05401A 300 Hour Inspection
- 05402A 300 Hour or 12 Month Inspection
- 05403A 600 Hour Inspection
- 05404A 600 Hour or 12 Month Inspection
- 05405A 1200 Hour OR 12 Month Inspection
- 21-20/317 Check ECS Emergency Shut-Off System
- 21-30/318 Operational Test Pressurization Dump Switch
- 21-40/51 Functional Test Overtemp (Bleedair)
- 21-40/52 Functional Test Overtemp (Condair)
- 24-30/311 Functional Test NO. 1 Generator Control Unit OV and UV Trip Protection
- 24-30/311 Functional Test NO. 2 Generator Control Unit OV and UV Trip Protection
- 24-50/70 Capacity Check Emergency Power Supply
- 24-50/70 Contents Check Cockpit Fire Extinguisher
- 27-00/71 Flight Control Cables - Inspection/Check
- 27-40/1 Horizontal Stabilizer Trim - Functional Test
- 27-50/495 Backlash Check Flap Actuators
- 30-10/79 Apply Age Master to Airfoil De-Icer Surface
- 32-10/315 Main Landing Gear Hinge Pin and Bushes Inspection/Check
- 32-10/436 Examine MLG Shock Struts Top/Bottom Attachment Bolts/Nuts
- 32-30/424 Operational Test Emergency Gear Extension System
- 32-30/426 Function Test Time Delay Relays and Power Contactors
- 32-30/429 Check Main Landing Gear Spring Strut
- 32-10/80 Lubricate Nose Wheel Bearings
- 32-10/80 Lubricate Left/Right Main Landing Gear Wheel Bearings
- 53-30/342 Inspection/Check Static Ports Critical Area
- 76-10/117 Functional Test Propeller Feathering Microswitches

Maintenance Release

The airframe identified above was inspected and serviced in accordance with the Airborne Aircraft Management LLC AAIP for the PC-12 and 14 CFR. It was determined to be in airworthy condition with respect to the work performed and is approved for return to service.

Signed:

Jay Villalva &amp; P 3070370 IA

-END OF ENTRY-

Pilatus PC-12/47E

N536HC

MSN 1702

ACTT: 2045.9

ACTC: 1992<sup>4</sup>

Date: 2022-09-17

Performed AAIP inspections.

Base month for "interval package" inspections is May.

Base time for "interval package" inspections is 1528.1 TTAF. Next 100-hour inspection is due at 2138.5 +/- 10 hours.

The following AAIP, Chapter 4 & 5 inspection and maintenance items were addressed at this time:

- 05-00/00B AAIP PC-12 Master 100-Hour Inspection

Maintenance Release

The airframe identified above was inspected and serviced in accordance with the Airborne Aircraft Management LLC AAIP for the PC-12 and 14 CFR. It was determined to be in airworthy condition with respect to the work performed and is approved for return to service.

Signed: J Villalva

Jay Villalva A&P 3070370 IA

-END OF ENTRY-

Pilatus PC-12/47E

N536HC

MSN 1702

ACTT: 2103.0

ACTC: 1856

Date: 2022-10-22

Page 1 of 1

Air Data, Attitude and Heading Reference System KSG 7200 Channel A fault. Intermittent fault causing loss of attitude and heading reference. Removed 065-00188-5105, S/N KSG7200-B2894. Installed 065-00188-5105, S/N KSG7200-B2845. TIS unknown. Adjustment/Test completed referencing Pilatus AMM 12-B-34-25-00-00A-903A-A.

Maintenance Release

The airframe identified above was inspected and serviced in accordance with the Airborne Aircraft Management LLC AAIP for PC-12/47E and 14 CFR. It was determined to be in airworthy condition with respect to the work performed and is approved for return to service.

Signed: J Villalva

Jay Villalva A&P 3070370

-END OF ENTRY-

Pilatus PC-12/47E

N536HC

MSN 1702

ACTT: 2135.2

ACTC: 1873

Date: 2022-11-24

Performed AAIP inspections.

Base month for "interval package" inspections is May.

Base time for "interval package" inspections is 1528.1 TTAF. Next 100-hour inspection is due at 2238.5 +/- 10 hours.

The following AAIP, Chapter 4 & 5 inspection and maintenance items were addressed at this time:

- 05-00/50B AAIP PC-12 Master Monthly Inspection.
- 05-00/50B AAIP PC-12 Master 100-Hour Inspection.
- 24-30/340 Capacity Check No. 1 Lead Acid Battery. Test satisfactory @ 98.8%, next due 6 +/- 1 month.
- 24-30/340 Capacity Check No. 2 Lead Acid Battery. Test satisfactory @ 95.1%, next due 6 +/- 1 month.

Maintenance Release

The airframe identified above was inspected and serviced in accordance with the Airborne Aircraft Management LLC AAIP for the PC-12 and 14 CFR. It was determined to be in airworthy condition with respect to the work performed and is approved for return to service.

Signed: J Villalva

Jay Villalva A&P 3070370 IA

-END OF ENTRY-



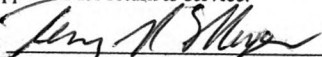
Page 1 of 1

Failed bezel keys identified on #1 and #3 Display Units. HAPP exchange.

- Removed P/N K9321022A00, S/N 1890389386. Installed REPAIRED P/N K9321022A00, S/N 1890248374. Work accomplished by ScioTeq, EASA BE.145.25, WO 4209863109
- Removed P/N K9321022A00, S/N 1890391224. Installed MODIFIED P/N K9321022A00, S/N 1890193370. Work accomplished by ScioTeq, EASA BE.145.25, WO 4209827685

Maintenance Release

The airframe identified above was inspected and serviced in accordance with the Airborne Aircraft Management LLC AAIP for PC-12/47E and 14 CFR. It was determined to be in airworthy condition with respect to the work performed and is approved for return to service.

Signed:   
Terry R. Meyer A&P 2702278 IA

-END OF ENTRY-

Page 1 of 1

Incorporated Service Bulletin No. 32-030, Rev. No. 2, dated 2022-10-22, utilizing Modification Kit Number 500.51.12.087 (MLG) and 500.51.12.086 (NLG). No corrosion present. Completed operational test of the extension and retraction systems referencing AMM 12-B-32-30-00-00A-903B-A and operational test of the emergency extension system referencing AMM 12-B-32-30-10-00A-903A-A.

Maintenance Release

The airframe identified above was inspected and serviced in accordance with the Airborne Aircraft Management LLC AAIP for PC-12/47E and 14 CFR. It was determined to be in airworthy condition with respect to the work performed and is approved for return to service.

Signed:   
Jay Villalva A&P 3070370


-END OF ENTRY-

Page 1 of 1

Replace right outboard wing deice boot with Ice Shield. P/N SMR5221-12, S/N 1190. Installed referencing Pilatus AMM 12-B- 30-14-01-920A-A and SMR REPORT NO. 97-33-047.  
Replace left horizontal stabilizer deice boot with Ice Shield. P/N SMR5221-13, S/N 1229. Installed referencing Pilatus AMM 2-B-30-16-01-00A-920A-A and SMR REPORT NO. 97-33-047.  
Tested referencing AMM12-A20-10-00-40A-A. Normal.

Maintenance Release

The airframe identified above was inspected and serviced in accordance with the Airborne Aircraft Management LLC AAIP for PC-12/47E and 14 CFR. It was determined to be in airworthy condition with respect to the work performed and is approved for return to service.

Signed:   
Jay Villalva A&P 3070370

-END OF ENTRY-

(date)  
(date)