AIRFRAME LOGBOOK

FOR AIRCRAFT Z-

ZS-SML

VOLUME:
CA 21 - 27 A

SOUTH AFRICAN
CIVIL AVIATION AUTHORITY

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PHASE INSPECTION PROGRAM FOR ZS-SML

Reference: J15/ SML
Enquiries JP van Niekerk
Department Airworthiness
Date 29 July 2015

Inspector's direct telephone number 011-545-1114
Fax number 011 545 1013
Inspector's cellular phone number 083 451 2611
E-mail address vanniekerkj@caa.co.za

The Responsible Person Aircraft
Cristatus Investments (PTY) LTD
Private Bag X2037
Sasolburg
1947

FOR DIRECTOR OF CIVIL AVIATION

Dear Sir/Madam/Miss/Ms

PHASE INSPECT. PROGRAM FOR ZS- *SML*

150 Hour Inspection Program for ZS-SML S/N 1074; in accordance with Pilatus MM Time limits 12-B-05-10-00-00A-018A-A and Scheduled Maintenance Checks 12-B-05-20-00-00A-018A-A as amended

AIRCRAFT SN. 1074

1. Your request for approval of a progressive maintenance programme for the above aircraft refers.
2. In terms of CAR 43.02.8(2)(a)(ii) read together with SA-CATS-43.02.8, approval is hereby granted for the above-mentioned aircraft to be maintained in accordance with the requirements of the 150 hour Inspection Program, hereafter referred to as the "program" subject to the following additional requirements:
   (a) All references made to the Federal Aviation Agency regulations (FAR's) shall be ignored.
   (b) All requirements detailed in SA-CATS-43.02.8 Section A, are still applicable and shall be complied with.
   (c) To start the 150 hour inspection program, in accordance with SA-CAR 43.02.8(2)(a)(ii) read together with SA-CATS-43.02.8, an annual as per **MM Time limits 12-B-05-10-00-00A-018A-A and Scheduled Maintenance Checks 12-B-05-20-00-00A-018A-A as amended** shall be conducted. The appropriate logbooks shall be endorsed by the person who certifies this annual inspection to the effect that such a program has been started and he should also indicate the date and hours flown at commencement of the program. This date shall coincide with the date at which the annual inspection has been certified.
   (d) All program inspections shall be certified by the holder of an appropriately rated licence under Categories A and C. If provided for in the program on-route maintenance may be carried out by the holder of an appropriately rated licence under Categories A & C.
   (e) A Certificate of Release to Service (CAR 43.04.4) shall be issued immediately upon completion of the annual inspection which was done to qualify for the program. It shall normally be valid for a period not exceeding 12 months and the flying hours to the next program inspection.
   (f) The flight times between program inspections may not be exceeded; however the manufacturer's approved permissible tolerances are allowed as per MM 12-B-05-10-00-00A-018A-A and 12-B-05-20-00-00A-018A-A, provided:
      - The AME has inspected the aircraft and satisfied himself or herself that the aircraft being operated safely for the allowable tolerance period.
      - the allowable tolerance is entered in the aircraft logbook prior to the aircraft being operated for the period.
      - a Certificate of release to service has been made out and certified in the correct manner and
      - the number of allowable tolerance hours is deducted from the next scheduled inspection period by an equal amount.

   NOTE: *No extension will be granted in respect of calendar times.* Refer to SA CATS 43.02.8
   (g) After each program inspection an inspector reminder shall be affixed in the aircraft.
   (h) An Annual inspection must be completed each ±2 months. A form CA 43-02 shall be completed and submitted to the CAA within 48 hours at least annually closest to the inspection performed.
   The program shall automatically lapse on change of owner/operator and the previous operator shall ensure that the appropriate logbooks are endorsed as indicated in paragraph (i) below. The new operator shall ensure compliance with SA-CAR 43.02.8(2)(a)(ii) read together with SA-CATS-43.02.8.
   (i) If for any reason the program is discontinued, the following inspection procedures shall apply:
      (i) An annual inspection as prescribed in SA-CATS 43-02-08 shall be carried out before the aircraft is again flown.
      (ii) The logbooks shall be endorsed to the effect that the program has been discontinued. A statement to this effect together with the date and the total flying hours at which the program was discontinued, shall be made in the airframe, engine and propeller logbooks as applicable.
      (iii) After this date the requirements of Part 43 of the Civil Aviation Regulations 2011, as amended, will be applicable. The succeeding 100-hour inspections shall be done at the times required by this programme. The annual inspection shall be done to ensure that the aircraft is not flown at such an interval that the elapsed time between the completion of a cycle and the annual inspection will exceed a period of ±2 months.

      The Director shall be advised in writing of the date at which the program was discontinued.

   The organisation responsible for releasing the aircraft shall ensure that all documents as Required in terms of Part 91 of the South African Civil Aviation regulations 2011 as amended
   are valid at the time of releasing the aircraft.
3. This letter or a copy thereof, relating to the phase program shall at all times be carried in the airframe logbook of the aircraft concerned. The airframe, engine and propeller logbooks must be annotated ZS-SML placed onto 150 hour inspection program as authorised by SACAA program J15/ZS-SML
4. In terms of 135 and Part 43 it is the responsibility of the operator to ensure that the maintenance schedule and status tracking report is kept current with respect to amendments.
5. The Director of Civil Aviation reserves the right to rescind any or all of the requirements related to this program, should circumstances warrant such amendments.

Yours faithfully

FOR DIRECTOR OF CIVIL AVIATION	J P Van Niekerk Airworthiness Inspector South African Civil Aviation Authority	29 JUL 2015
For DIRECTOR OF CIVIL AVIATION	NAME IN BLOCK LETTERS	DATE OF SIGNATURE

Board Members: Mr Smunda Mokoena (Chairperson); Professor Nombizozuko Dyani-Mhango; Major-General Nhlanhla Lucky Job Ngema; Ms Lizeka Dlepu; Adv Roshan R Dehal; Ms Doris Dondur; Mr Mongezi India;
DCA: Mr P Khoza; Company Secretary: Ms N Naraindath

Instructions for use of this logbook

1 All entries must be made in accordance with the current Civil Aviation Regulations 1997, as amended

2 All entries must be legible and made in ink /black ballpoint pen.

3 No pages may be removed from this logbook.

4 No entries shall be obliterated or erased. An erroneous entry shall be identified as such and signed and dated by the person who corrected the error. The use of correction fluids or any method of obliterating an entry is prohibited.

5 Owners and operators are responsible for:

(a) the safe keeping of this logbook.

(b) keeping the logbook up to date

(c) ensuring that this logbook is made available to persons authorised to examine it and all persons required by the Civil Aviation Regulations 1997, as amended to make the necessary entries after maintenance if and when required to do so.

6 All documents which are intended for retention in the logbook must be glued, to the appropriate page to ensure that the record will be retained for the period as prescribed in the Civil Aviation Regulations 1997, as amended.

7 All current records and information must be transferred from the previous logbook when a new logbook is opened. This information shall be certified as required by the person who transferred the information.

8 This logbook may only be utilised for the aircraft to which the Serial Number, make and designation applies

AIRCRAFT DESCRIPTION

Registration No. ZS-SML

Model:	Pilatus PC-12/47E		
Serial No.:	1074	Type Certificate No.:	EASA.A.089 A78EU
Colors:	White with blue and grey stripes		
Engine Manufacturer:	Pratt & Whitney	Propeller Manufacturer:	Hartzell
Orginal Engine Model:	PT6A-67P	Orginal Propeller Model:	HC-E4A-3D/ E10477SK
Serial No.:	PCE-RY0076	Hub or Serial Number:	KX669
			Blade Serial No: K74735 K74733 K74734 K74736

SOUTH AFRICAN

AIRFRAME PARTICULARS

AIRCRAFT MANUFACTURER PILATUS

MODEL DESIGNATION PC-12/47 E.

SERIAL NUMBER 1074

INSTALLED ENGINE PARTICULARS

ENGINE MANUFACTURER PRATT & WHITNEY

	MODEL DESIGNATION	SERIAL NUMBER
1	PT6A-67P	PCE-RY0076.
2	—	—
3		
4		

INSTALLED PROPELLER PARTICULARS

PROPELLER MANUFACTURER HARTZELL

	MODEL DESIGNATION	SERIAL NUMBER
1	HC-E4A-3D/E10477SK.	KX669
2	—	—
3	—	—
4		

Note The abovementioned information is to be completed when this logbook is opened and must never be amended.

I hereby certify that the particulars as stated above are a true reflection of the historical records pertaining to this aircraft and these records are available in the applicable aircraft logbook.

Name ANDREW CLARK. Signature

AME Number 0272002031 AMO certification stamp PILATUS CENTRE No. 1 AMO 1073 Date 20.11.2009

RECORD OF MAJOR DEFECTS AND DAMAGE SUSTAINED

Note this section is to be completed after every major incident where repairs are carried out to the primary structure of the aircraft.

Date of Incident	Total Airframe Time	Total Airframe Cycles

Brief description of defect or damage sustained

NIL NEW AIRCRAFT.

I hereby certify that the information as recorded above is correct in every respect to the best of my knowledge.

Name ANDREW CLARK. Signature .....

PILATUS CENTRE No. 1 AMO 1073

AME Number 0272002031 AMO certification stamp ..... Date 20.11.2009.

RECORD OF MAJOR DEFECTS AND DAMAGE SUSTAINED

Date of Incident	Total Airframe Time	Total Airframe Cycles

Brief description of defect or damage sustained

I hereby certify that the information as recorded above is correct in every respect to the best of my knowledge.

Name ..... Signature .....

AME Number ..... AMO certification stamp ..... Date .....

RECORD OF COMPASS SWINGS

TYPE OF COMPASS	DATE OF SWING	* SIGNATURE AND AME OR AMO NUMBER
2 x COMPASS SYSTEMS	24/11/09	—
1 x AIRPATH COMPASS		
2 x COMPASS SYSTEMS	21/9/2010	—
1 x AIRPATH COMPASS		
2 x REMOTE SYSTEMS	1/02/2011	—
1 x AIRPATH COMPASS		
2 x REMOTE SYSTEMS	21/09/2011	
1 x AIRPATH		
1 x AIRPATH COMPASS	3/10/2012	
2 x REMOTE SYSTEM		
1x AIRPATH COMPASS	24 OCT 2013	
2x REMOTE COMPASS SYSTEM		
1x AIRPATH COMPASS	7/11/2014	
2x REMOTE SYSTEMS		
1x AIRPATH COMPASS	13 NOV 15	
2x REMOTE SYSTEMS		
1 x AIRPATH COMPASS	16 NOV 2016	
2 x REMOTE SYSTEM		
1 x STANDBY COMPASS		
2x ADAHRS REMOTE SYSTEMS.	14 AUG 2017	—
QTY 1x STANDBY COMPASS		
QTY 2x ADAHRS REMOTE SYSTEMS.	04 MAY 2018	—
QTY 1x STANDBY COMPASS		
QTY 2x ADAHRS REMOTE SYSTEMS.	24 AUG 2018	—
QTY 1x STANDBY COMPASS		
QTY 2x ADAHRS REMOTE SYSTEMS	19 OCT 2018	—

Note: A signature in this column will be taken as certification that the maintenance specified has been carried out and all requirements as laid down in the Civil Aviation Regulations 1997, as amended have been met in every respect.

Note at the time

Component	Serial Number	Total Time	Total cycles	By Whom Installed	Date of installation

PILATUS

RCRAFT INVENTORY

TUS CENTRE SOUTH AFRICA

PC12 AIRCRAFT S/N : 1074

DATE : 03.11.2009
PAGE : 1 / 38

TUS : FINAL
UMENT-NO : AQ_I_12

AS PER CONFORMANCE DOCS.

					20.11.2009
Carried out Service Bulletin No: **34-028** Ref No: 263 FITT NEW MOD 3 ADAHRs P/N 065-00188-5103 H/W MOD 3 (Pil P/N 985.99.12.220 S/N OFF KSG7200- B1301 S/N ON KSG7200-**B1147** MOD 3 116.0 HRS 77 LC 73 EC					
Carried out SB 34-033 Ref 280. *KSG 7200 ADAHRS Replaced* P/N:065-00188-5103 Mod 3 S/N: KSG7200-B1147Removed. TSN: 52.3 LSN: 43 CSN: 37 P/N:065-00188-5103 Mod 4 S/N: KSG7200-B1546 Installed TSN 13 LSN UNK CSN UNK ATSN:168.3 LSN:120 ECSN:110					28.7.2011 5.5.2012
KTA 2810, MOD 1, PN 065-00195-0100. Trim Adapter Replaced Honeywell SB KTA 2810-22-01 S/N KTA2810-1090 OFF TSN 180.8 LSN 132 CSN 121 S/N KTA2810-1509 ON NEW ATSN 180.8 LSN 132 CSN 121					3.8.2012
Replaced GPS 2 **KGS200 GPS SENSOR UNIT (GNSSU) P/N 066-01201-0105.** **S/N OFF KGS200-1142 TSN 185.7 HRS 125 EC 136 LC** **S/N ON KGS200-1426 TSN UNK LSN UNK CSN UNK** **ATSN 185.7 HRS 125 EC 136 LC** Carried Out SB 46.004 REF 306 Install a Wireless data loading system NIC 1 MAU Module Replaced **P/N OFF 7026542-1801** **S/N OFF 0807C009** TSN 221.1 CSN 154 LSN 165 **P/N ON 7038231-1801** **S/N ON 13084542** TSN NEW CSN NEW LSN NEW ATSN 221.1 CSN 154 LSN 165 NIC 2 MAU Module Replaced **P/N OFF 7026542-1801** **S/N OFF 0807C033** TSN 221.1 LSN 165 CSN 154 **P/N ON 7038231-1081** **S/N ON 13074528** TSN NEW LSN NEW CSN NEW ATSN 221.1 LSN 165 CSN 154				J. Beamish J. Beamish J. Beamish	08/10/2012 28/10/2013 28/10/2013

I hereby certify that the information as recorded above is correct in every respect and reflects the historical record of components fitted to the aircraft and such proof exists.

Name ..... Signature .....

0272002031

AME Number ..... AMO certification stamp ..... Date 20.11.2009

AIRFRAME COMPONENT RECORD

Note at the time of opening this logbook this must be completed

Component	Serial Number	Total Time	Total Cycles	By Whom Installed	Date of installation
Carried Out SB 31.018 Ref 309 Installation of New MAU Modular Units CSIO and GIO In conjuction with SB 46.004 CSIO MAU Module Replaced P/N OFF **985.99.12.157** S/N OFF **08090121** TSN 221.1 CSN 154 LSN 165 P/N ON **985.99.12.251** S/N ON **13041055** TSN NEW CSN NEW LSN NEW ATSN 221.1 CSN 154 LSN 165				J. Beamish PILATUS CENTRE No. 6 AMO 1073	28/10/13
DGIO MAU Module Replaced P/N OFF **985.99.12.146** S/N OFF **08094437** TSN 221.1 LSN 165 CSN 154 P/N ON **985.99.12.252** S/N ON **13050372** TSN NEW LSN NEW CSN NEW ATSN 221.1 LSN 165 CSN 154				J. Beamish PILATUS CENTRE No. 6 AMO 1073	28/10/13
Replaced CSIO MAU MODULE P/N : 985.99.12.251 (7036333-1906) **S/N OFF: 13041055** TSN 5.1 LSN 6 CSN 4 **S/N ON: 13011026** TSN NEW LSN NEW CSN NEW ATSN 226.2 LSN 171 CSN 158				J. Beamish	19/12/13
Replaced KMA29 Audio/Marker Panel P/N 066-01181-0101 *S/N OFF: E0282 (TSN: 232.0 HRS; 163 EC, 176 LC)* *S/N ON: D0189-F (TSN: UNK)* 232.0 HRS 163 EC 176 LC				PILATUS CENTRE No. 5 AMO 1073	16/04/2014
Chapter 4 & 27 *5 year item* ***Pitch trim actuator replaced*** *IAW 12-B-27-40-01-00A-920A-* *P/N 978.73.14.203* *S/N OFF 962 @ 251.9 hrs TSN* *S/N ON 1035 @1084.4 hrs TSN*				PILATUS CENTRE No. 1 AMO 1073	2.10.2014
Hydraulic Low pressure switch replaced IAW AMM (12-B-29-10-03-00A-920A-A) *1 x P/N:973.81.14.307 Pressure Switch. .* *S/N ON: 0890* *S/N OFF: 1684 TTSN: 401.5. LCSN: 348* *1 x P/N:946.91.27.103 O-ring*					
R/H STROBE	OFF: 33880 EN: 29282015	558.2	613	PILATUS CENTRE No. 5 AMO 1073	06/05/16.
Replaced AGM 1 – *P/N OFF: 7036410-1902 S/N OFF: 08060272 (TSN: 680.0 HRS, 696 EC, 712 LC)* *P/N ON: 7036410-1904 S/N ON: 1407B410 (TSN: UNK)* *AFTSN 680.0 HRS, 696 EC, 712 LC*				PILATUS CENTRE No. 5 AMO 1073	19/10/16
Replaced Ni-Cad battery *P/N: 97617.31.302 S/N OFF: 10802472 (TSN: 780.0HRS, LC: 779 EC: 750) S/N ON: 11701201 (NEW)* **AFTSN: 780.0HRS, LC: 779 EC: 750**				PILATUS CENTRE No. 5 AMO 1073	14/06/2017.
# Chapter 46-R/H PFD controller replaced I.A.W 12-B-46-30-02-00A-920A-A.P/N:985.99.12.178 *S/N OFF:KMC 2210-1090 (TSN989.1Hrs , 975EC/LC) S/N ON:KMC2210-1074 (repaired)*				PILATUS CENTRE No. 4 AMO 1073	06/06/18
R/H Brake ASSY	1214 off 1286 ON	1063.5 UNK	1075	M. Piko PILATUS CENTRE No. 2 AMO 1073	17/8/18.
C/H Brake ASSY	1216 off 1109 ON	1063.5 UNK.	1075	PILATUS CENTRE No. 2 AMO 1073	17/8/18.

I hereby certify that the information as recorded above is correct in every respect and reflects the historical record of components fitted to the aircraft and such proof exists.

Name ..... Signature .....

AME Number ..... AMO certification stamp ..... Date .....

AIRFRAME COMPONENT RECORD

Note at the time of opening this logbook this must be completed

Component	Serial Number	Total Time	Total Cycles	By Whom Installed	Date of installation
AGM1 card replaced i.a.w (AMMRef.12-B-31-42-00-00A-920A-A). P/N: 7036410-1904 S/N OFF: 1407B410 TSN: 400.1, LSN:385, CSN:391. S/N ON: 09012273 TSN:UNK, LSN:UNK, CSN:UNK **AFTSN: 1080.1 1087EC 1097LC**					5/11/18

I hereby certify that the information as recorded above is correct in every respect and reflects the historical record of components fitted to the aircraft and such proof exists.

Name ..... Signature .....

CLASS 1 PRODUCT REMOVAL AND REPLACEMENT RECORD

Removal Record

Component designation PITCH TRIM Serial Number 962

Reasons for removal 5YR

Total Time 251:9 Total Cycles 196

Removed by [illegible] Signature [illegible]

INSTALLATION RECORD

Component Designation PITCH TRIM Serial Number 1035.

Total Time 1084:4 Total Cycles ✓

Total time since overhaul 0 Total cycles since overhaul 0

Approval Number of organisation who performed maintenance 1073

Where are the records for this maintenance held 1073

I hereby certify that in carrying out the installation all applicable conditions as laid down in the Civil Aviation Regulations ~~1997~~, as amended have been complied with and the information above is correct.

Component installed by [illegible] Signature [illegible]

AME Number 0272002031 AMO Stamp PILATUS CENTRE No. 1 AMO 1073 Date 2.10.2014

Removal Record

Component designation Propeller. Serial Number KX 669

Reasons for removal 6YR OH.

Total Time 251:9 Total Cycles 183

Removed by M. Pike Signature [illegible]

INSTALLATION RECORD

Component Designation Propeller Serial Number KX 669

Total Time 251:9 Total Cycles 183

Total time since overhaul 000:00 Total cycles since overhaul NIL

Approval Number of organisation who performed maintenance 1073

Where are the records for this maintenance held AMO 1073.

I hereby certify that in carrying out the installation all applicable conditions as laid down in the Civil Aviation Regulations 1997, as amended have been complied with and the information above is correct.

Component installed by M. Pike Signature [illegible]

AME Number 0272010752 AMO Stamp PILATUS CENTRE No. 2 AMO 1073 Date 7/11/14.

CLASS 1 PRODUCT REMOVAL AND REPLACEMENT RECORD

Removal Record

Component designation Propeller Serial Number KX 669.

Reasons for removal Re-spray.

Total Time 533.2. Total Cycles 613.

Removed by A. SMALL. Signature

INSTALLATION RECORD

Component Designation Propellers. Serial Number KX 669.

Total Time 533.2. Total Cycles 613.

Total time since overhaul 281.3 Total cycles since overhaul 317.

Approval Number of organisation who performed maintenance AMO 1150.

Where are the records for this maintenance held DYNAMIC PROPELLERS.

I hereby certify that in carrying out the installation all applicable conditions as laid down in the Civil Aviation Regulations ~~1997~~, as amended have been complied with and the information above is correct.

Component installed by A. SMALL Signature

AME Number 0272401712. AMO Stamp PILATUS CENTRE No. 5 AMO 1073 Date 06/05/2016.

Removal Record

Component designation Propeller Serial Number KX669

Reasons for removal prop strike

Total Time 953.3 Total Cycles 964

Removed by Kyle Lumsden Signature

PILATUS CENTRE No. 10 AMO 1073

INSTALLATION RECORD

Component Designation Propeller Serial Number KX 669

Total Time 953.3 Total Cycles 964

Total time since overhaul 0.6 Total cycles since overhaul 0

Approval Number of organisation who performed maintenance 1073

Where are the records for this maintenance held Dynamic propeller

I hereby certify that in carrying out the installation all applicable conditions as laid down in the Civil Aviation Regulations ~~1997~~, as amended have been complied with and the information above is correct.

Component installed by Kyle Lumsden Signature

AME Number 0273000245. AMO Stamp PILATUS CENTRE No. 10 AMO 1073 Date 07/05/18

AIRWORTHINESS DIRECTIVE COMPLIANCE RECORD ONE TIME ACTION

AD No	Date / Total time / Hrs	Method of compliance	Signature *	AME/AMO Number
	20.11.2009 / 23.3 Hrs	NIL AT THIS TIME NEW AIRCRAFT.		PILATUS CENTRE No. 1 AMO 1073
	Date / Total time / Hrs	Method of compliance: AS PER AIRCRAFT CONFORMANCE DOCS	Signature *	AME/AMO Number
	21/9/2004 / 145.7 Hrs	NIL.		PILATUS CENTRE No. 1 AMO 1073
FAA AD 2012-14-15	Date / Total time / 185.7 Hrs	Method of compliance: Refer to SB 34-035 Rev 296 Upgrade GNS530's		PILATUS CENTRE No. 6
	28/10/2013 / 221.1 Hrs	NIL		PILATUS CENTRE No. 6 AMO 1073
FAA AD 2014-22-01	Date / Total time / Hrs	Method of compliance: Entered in Error		PILATUS CENTRE No. 5 AMO 1073
EASA AD 2014-0170	Date / Total time / Hrs	Method of compliance: Entered in Error		PILATUS CENTRE No. 5 AMO 1073
	17/11/16 / 668.8 Hrs	NIL		PILATUS CENTRE No. 5 AMO 1073
	14/08/17 / 828.1 Hrs	NIL At this time		PILATUS CENTRE No. 10 AMO 1073
	11.05.18 / 955.2 Hrs	NIL		PILATUS CENTRE No. 10 AMO 1073
	Date / Total time / Hrs	Method of compliance	Signature *	AME/AMO Number
	Date / Total time / Hrs	Method of compliance	Signature *	AME/AMO Number
	Date / Total time / Hrs	Method of compliance	Signature *	AME/AMO Number
	Date / Total time / Hrs	Method of compliance	Signature *	AME/AMO Number Date
	Date / Total time / Hrs	Method of compliance	Signature *	AME/AMO Number

* *Note:* A signature in this column will be taken as certification that the maintenance specified has been carried out and all requirements as laid down in the Civil Aviation Regulations [redacted], as amended have been met in every respect.

AIRWORTHINESS DIRECTIVE COMPLIANCE RECORD (REPETITIVE)

AD No	Date	Total time Hrs	Method of compliance	Signature *	AME/AMO Number
	23.11.09		NIL AT THIS TIME [illegible] AIRCRAFT CON[illegible] DOCS	[signature]	PILATUS CENTRE No. 1 AMO
/	21/9/2011	145.3	NIL	[signature]	PILATUS CENTRE No. 1 AMO
/	08/10/2012	185.7	NIL	[signature]	PILATUS CENTRE No. 6 AMO 1073
/	28/10/2013	221.1	NIL	[signature]	PILATUS CENTRE No. 6 AMO 1073
FAA AD 2014-22-01	13/11/15	401.5	inboard flap drive arms insp.	[signature]	PILATUS CENTRE No. 5 AMO 1073
EASA AD 2014-0170	13/11/15	401.5	inboard flap drive arms insp.	[signature]	PILATUS CENTRE No. 5 AMO 1073
FAA AD 2014-22-01 EASA AD 2014-0170	06/05/2016	533.2	INBD FLAP DRIVE ARMS.	[signature]	PILATUS CENTRE No. 5
FAA AD 2014-22-01 EASA AD 2014-0170	17/11/16	686.8	INBD flap drive Arms	[signature]	PILATUS CENTRE No. 5 AMO 1073
/	14/08/17	828.1	NIL	[signature]	PILATUS CENTRE No. 10 AMO 1073
/	11-05-18	959.3	NIL	[signature]	PILATUS CENTRE No. 10 AMO 1073

* *Note:* A signature in this column will be taken as certification that the maintenance specified has been carried out and all requirements as laid down in the Civil Aviation Regulations [redacted], as amended have been met in every respect.

.SERVICE BULLETINS/LETTERS/INSTRUCTIONS (ONE TIME ACTION)

NUMBER	Date	Method of compliance	Signature *	AME/AMO Number

SERVICE BULLETIN / FOCA AD
INDEX LIST

PC-12/47E
MSN: 1074

PILATUS

Ref.	SB Number	Release Date	FOCA/EASA AD	Description	Effectivity	Status	Date/Sign.
212	27-018	27.11.2007	EASA 2008-0047	Flight Controls - Elevator Control System - Replace the Bolts on the Cable Clamps for the Stick-Pusher Servo-Cables	All PC-12, PC-12/45 and PC-12/47 from MSN 101 up to and including MSN 888; Except MSN 545	N/A	
213	21-009	23.11.2007	———	Air Conditioning - Pressurization Control - Cabin Pressure Switchs - Modification	All PC-12, PC-12/45 and PC-12/47 from MSN 101 thru MSN 888; Except MSN 861, 864 and MSN 868	N/A	
214	04-009	31.03.2008	———	Airworthiness Limitations - General - Life Extension to 25,000 Flight Hours or 30,000 Flights	PC-12/45 MSN 193 and MSN 244	N/A	
215	23-005	11.06.2008	———	Communications - VHF Communication System 1 and 2 - Transceiver - Replacement of MMDR KTR2280 Radios	PC-12/47E aircraft MSN 545 and MSN 1001 thru MSN 1040	N/A	
216	30-011	09.07.2008	EASA 2009-0007	Ice and Rain Protection - Airfoil Deice System - Installation of an overboard vent for the pressure regulator	All PC-12 and PC-12/45 from MSN 101 thru MSN 320	N/A	
217	28-012	04.09.2008	———	Fuel - Indication Systems - Replacement of the Fuel Control Monitoring-Unit (FCMU)	PC-12/47E aircraft MSN 1001 thru MSN 1033	N/A	
218	34-015	13.11.2008	———	Navigation-Attitude and Direction Replace the Air Data, Attitude and Heading Reference System (ADAHRS) Unit	PC-12/47E aircraft MSN 545 and MSN 1001 thru MSN 1100	N/A	
219	04-011	19.11.2008	———	Commonwealth of Independent states (CIS) Certification Standart PC-12/47E Aircraft	PC-12/47E aircraft MSN 545 and MSN 1001 and subsequent which are required to comply with the CIS certification standard	N/A	
220	32-021	21.11.2008	EASA 2009-0060	Landing Gear - Nose Wheel Steering Replacement of the Crank Bar Assy	All PC-12 Series up to MSN 1080 (Repl. Torque Tube before 18'000 Ldg. or 11'900 Hours Time in Service or 15 Years whichever occurs first.)	O	
221	34-014	05.12.2008	———	Navigation-Weather Radar remove the connection between the Weather Radar and the Weight-On-Wheels (WOW) Switch	PC-12/47E aircraft MSN545 and MSN 1001 thru 1080	X	
222	34-017	15.12.2008	———	Navigation-Global Positioning System (GPS) Modification to the GPS wiring	PC-12/47E aircraft MSN 545 and MSN 1001 thru 1100 with Global Positioning System	O	
223	34-016	16.12.2008	———	Navigation-Indipendent Position determening EGPWS-Remove the Autopilot engaged Signal from the EGPWS	PC-12/47E aircraft MSN 1001 thru 1080 that have the optinal EGPWS Mk 6 (TAWS Class A) installed	X	
224	34-018	09.01.2009	———	Navigation-Attitude and Direction Upgrade the Air Data, Attitude and Heading Reference System (ADAHRS) to .192 standart	PC-12/47E aircraft MSN 545 and MSN 1001 thru 1100	N/A	
225	45-001	09.01.2009	———	Systems Integration and Display-Display replace the Multi-Functional Controller (MFC)	PC-12/47E aircraft MSN 545 and MSN 1001 thru 1100	X	

Status:
X = Embodied
O = Not Embodied
N/A = Not Applicable

Total time				

SERVICE BULLETIN / FOCA AD
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PC-12/47E
MSN: 1074

PILATUS

Ref.	SB Number	Release Date	FOCA/EASA AD	Description	Effectivity	Status	Date/Sign.
226	21-010	12.01.2009	———	Air Conditioning-Temperature Control replacement of the integrated Environmental-Control-System Controller (IEC)	PC-12/47E aircraft MSN 545 and MSN 1001 thru 1031 and 1034	N/A	
227	45-001 Rev.1	16.01.2009	———	Upgrade the Honeywell Primus Apex Software to Build 5	PC-12/47E aircraft MSN 545 and MSN 1001 thru 1100	N/A	
228	27-020 Rev.1	30.01.2009	EASA 2009-0040	Flight Controls-Elevator Control System do a Check of the Tension on the Stick-Pusher Servo-Cables	All PC-12, PC-12/45, PC-12/47 MSN 101 thru 544 and MSN 546 thru 888, andPC-12/47E MSN 1001 thru 1101	X	
229	34-019	30.03.2009		Navigation-Attitude and Direction-Installation and Removal of a Plate on the ADAHRS Shelf (Available Upon Request Only)	PC12/47E aircraft MSN 1053 only	N/A	
230	45-002	30.03.2009	———	Upgrade the Honeywell Primus Apex Software to Build 5 3.1	PC-12/47E aircraft MSN 545 and MSN 1001 thru 1132	N/A	
		27.08.2008	EASA 2008-0163	Based on the result of the fatigue life evaluation for the pitch trim actuator (PTA) attachments, a new life limit of 10 000 flight hours (FH) is introduced for the PTA attachment parts. Affected parts are included in PTA Attachment Replacement Kit Part Number (PN) 500.60.12.508, as listed in the Illustrated Parts Catalogue (IPC) 12-20-00	PC-12, PC-12/45 and PC-12/47 aircraft, all serial numbers.	10'000 Hour	
		11.02.2009	EASA 2009-0028-E	A revision of the operational procedures to be inserted into the Pilot's Operating Handbook (POH)	PC-12/47E aircraft MSN 545 and from MSN 1001 and up	N/A	
		03.04.2009	EASA 2009-0080-E	Navigation-Air Data, Attitude and Heading Reference System (ADAHRS)-Pilot's Operating Handbook (POH) Temporary Revision	PC-12/47E aircraft MSN 545 and from 1001 and up (This AD supersedes EASA Emergency AD 2009-0028E dated 11 February 2009	N/A	
		14.04.2009	EASA 2009-0086	Nose Landing Gear - Right hand upper Drag Link - Inspection / Life Limitation	PC-12, PC-12/45, PC-12/47 MSN 101 throug MSN 544 inclusive and from MSN 546 throug MSN 888 inclusive Model PC-12/47E MSN 546 and from 1001 throug MSN 1150 inclusive	4000 LDG	
231	79-008 Rev.1	24.09.2009	———	Oil Debris Monitoring (ODM) System - Disabling or removal of the ODM System	PC-12/45 and PC-12/47 aircraft MSN 411, MSN 534 thru 544 and MSN 546 thru 888	N/A	
232	04-012	22.06.2009	———	Airworthiness Limitations - Life extension to 27'500 Flight Hours or 30'000 Flights	MSN 244	N/A	
233	31-007 Rev.1	06.08.2009	———	Indicating/Recording System - Central Advisory and Warning System (CAWS) - Change to the CAWS Display Wiring	All PC-12 and PC-12/45 from MSN 101 thru MSN 320 and MSN 322 thru MSN 400	N/A	

Status:
X = Embodied
O = Not Embodied
N/A = Not Applicable

Hrs			
Date	Method of compliance	Signature *	AME/AMO Number
Total time			
Hrs			
Date	Method of compliance	Signature *	AME/AMO Number

SERVICE BULLETINS/LETTERS/INSTRUCTIONS (ONE TIME ACTION)

NUMBER	Date	Method of compliance	Signature *	AME/AMO Number

PILATUS

SERVICE BULLETIN / FOCA AD
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PC-12/47E
MSN: 1074

Ref.	SB Number	Release Date	FOCA/EASA AD	Description	Effectivity	Status	Date/Sign.
234	79-007 Rev 1	24.09.2009	———	Oil Debris Monitoring (ODM) System - Disabling or removal of the ODM System	PC-12/47E aircraft MSN 545 and MSN 1001 thru 1100	X	
235	27-019	10.07.2009	———	Flight Control - Flaps - Flap Control and Warning Unit - Change to Wiring	PC-12, PC-12/45, MSN 101 up to and including MSN 320 that are Pre SB 27-013	N/A	
236	53-005	10.07.2009	———	Fuselage - Forward Fuselage Frame 13 Lightening Hole Edge Protection - Inspection	PC-12/47E aircraft MSN 545 and 1002 to 1079	X	
237	31-008	22.09.2009	———	Indicating/Recording Systems - Instrument and Control Panels modification to the Systems that are controlled by the Overhead Panel	PC-12, PC-12/45 and PC-12/47 MSN 321, MSN 401 thru MSN 544 and MSN 546 thru MSN 888	N/A	
238	24-025	24.09.2009	———	Introduction of Battery and External Power Junction Box P/N 974.03.38.142	PC-12/47E aircraft MSN 545, 1001thru 1180, with Battery and External Power J unction Box (BEPJB) P/N 974.03.38.141 or P/N 974.03.38.135	X	
239	34-022	05.10.2009	———	Navigation - Upgrade the ADAHRS to 965.99.12.206 Standard	PC-12/47E MSN 545 and 1001 thru 1180	X	
240	45-004	18.09.2009	———	Load Honeywell Primus Apex Option File for various Factory Options	All PC-12/47E	0	
241	34-021	09.10.2009	———	Navigation - Installation of a Heading / Track Override Switch	PC-12/47E aircraft MSN 545 and 1001 thru 9999	0	
242	76-002	15.10.2009	———	Engine Controls - Check the PCL Reverse thrust latch for sticking	PC-12/47E Aircraft , MSN 1001, 1003 to 1140	X	
243	34-024	21.10.2009	———	NYI	NYI		
244	34-023	21.10.2009	———	NYI	NYI		
245	22-005	21.10.2009	———	Autoflight - Autopilot - Replacement of the Flight Guidance Panel (FGP)	PC-12/47E aircraft MSN 545and MSN 1001 thru 1180 for which the Coupled VNAV Factory Option was selected.	X	
246	21-011	22.10.2009	———	Air Conditioning - Pressurization Control - Introduction of Cabin Pressure Control Unit P/N 959.90.91.143.	PC-12/47E aircraft MSN 545 and MSNs 1001 thru 1180.	X	
247	04-010	22.10.2009	———	Canadian Registration of the PC-12/47E Aircraft.	PC-12/47E aircraft to be registered in Canada (mandatory for canadian registered aircraft).	N/A	

Status:
X = Embodied
0 = Not Embodied
N/A = Not Applicable

Revision 20 / 09.10.2009
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Total time

PILATUS

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PC-12/47E
MSN: 1074

Ref.	SB Number	Release Date	FOCA/EASA AD	Description	Effectivity	Status	Date/Sign.
248	45-003	22.10.2009	———	Upgrade the Honeywell Primus Apex Operational Software to Build 6	PC-12/47E aircraft MSN 545 and MSNs 1001 thru 1180.	X	
249	25-034	22.10.2009	———	NYI	NYI		
250	25-035	22.10.2009	———	NYI	NYI		
251	34-020	22.10.2009	———	Navigation - Dependent Positioning Determining - Install a GPS Receiver that is wide Area Augmentation System (WAAS) capable.	PC-12/47E aircraft MSN 545 and MSN 1001 thru 9999 with non-WAAS capable Global Positioning System (GPS) Receiver(s) installed.	0	

03. NOV. 2009 QUALITY INSPECTION
PILATUS AIRCRAFT LTD
CH-6370 STANS (SWITZERLAND)

	Date	Method of compliance	Signature *	AME/AMO Number
	Total time			
	Hrs			
	Date	Method of compliance	Signature *	AME/AMO Number
34.026	28.1.2011	GPS SOFTWARE		
	Total time	W DATE		
	116.0 Hrs			
	Date	Method of compliance	Signature *	AME/AMO Number
34.027	28.1.2011	ADAHRS CHANGE		
	Total time	VALUES		
	116.0 Hrs			
	Date	Method of compliance	Signature *	AME/AMO Number
34.028	28.1.2011	ADAHRS REPLACE.		
	Total time	TO MOD 3		
	Hrs			
	Date	Method of compliance	Signature *	AME/AMO Number
45.005	24.5.2011			
	Total time	BUILD 7		
	1184 Hrs			

PILATUS CENTRE No. 1 AMO 1073

* *Note:* A signature in this column will be taken as certification that the maintenance specified has been carried out and all requirements as laid down in the Civil Aviation Regulations 1997, as amended have been met in every respect.

.SERVICE BULLETINS/LETTERS/INSTRUCTIONS (ONE TIME ACTION)

NUMBER	Date / Total time	Method of compliance	Signature *	AME/AMO Number
24.028	13.10.2011 / Total time 145.3 Hrs	INSTALLATION OF WATER PROTECTION FOR ELECTRICAL EQUIPMENT ON FRAME 10.		PILATUS CENTRE No. 1
45.008	25.4.2012 / Total time 168.3 Hrs	BUILD 8.5.2		PILATUS CENTRE No. 1 AMO 1073
45.009	25.4.2012 / Total time 168.3 Hrs	BUILD 8.5.3		PILATUS CENTRE No. 1 AMO 1073
34.032	25.4.2012 / Total time 168.5 Hrs	GPS UPGRADE.		PILATUS CENTRE No. 1
34.053	9.5.2012 / Total time 168.3 Hrs	ANTENNA REPLACED MOD 4 FITTED		PILATUS CENTRE No. 1
KTA 2810 -22-01.	3.8.2012 / Total time 180.8 Hrs	REPLACE KTA 2810 TO MOD 1		PILATUS CENTRE No. 1
34.035	08/10/2012 / Total time 185.7 Hrs	Upgrade software on GNS54's		PILATUS CENTRE No. 6 AMO 1073
23.009	09/01/2013 / Total time 186.7 Hrs	Up Grade MMDR 1 + 2 Software		PILATUS CENTRE No. 6 AMO 1073
45-010	03/09/2013 / Total time 220.7 Hrs	UPGRADE TO BUILD 8.6		PILATUS CENTRE No. 5 AMO 1073
34-036	5/9/2013 / Total time 220.7 Hrs	ESIS WIRING MOD		PILATUS CENTRE No. 5 AMO 1073
46.004	28/10/2013 / Total time 221.1 Hrs	Installed a Wireless data loading System. Connected flight deck MIC #1 + 2 Replaced		PILATUS CENTRE No. 6 AMO 1073
31.018	28/10/2013 / Total time 221.1 Hrs	Installation of New MAU Modular Units in conjunction with SB 46.004. DGIO + CSTO Replaced		PILATUS CENTRE No. 6 AMO 1073
Honeywell SIL 020B10000040	19/12/2013 / Total time 226.2 Hrs	Inspection of Baffle dappers Inside MAU.		PILATUS CENTRE No. 6 AMO 1073
46-003	17/7/14 / Total time 251.3 Hrs	CCD Installation.		PILATUS CENTRE No. 5 AMO 1073
46-005	7/1/2014 / Total time 251,9 Hrs	MFD, PFD Wiring loom Protection Installed		PILATUS CENTRE No. 2 AMO 1073

* *Note:* A signature in this column will be taken as certification that the maintenance specified has been carried out and all requirements as laid down in the Civil Aviation Regulations ~~1997~~ as amended have been met in every respect.

.SERVICE BULLETINS/LETTERS/INSTRUCTIONS (ONE TIME ACTION)

NUMBER	Date / Total time	Method of compliance	Signature *	AME/AMO Number
34-039	7/11/2015 251,9 Hrs	Pitot Tube line improvement Installed		PILATUS CENTRE No. 2 AMO 1073
11-006	7/11/2015 251,9 Hrs	Oil and oxygen Placards Replaced		PILATUS CENTRE No. 2 AMO 1073
27-021	23/3/2015 303,4 Hrs	Aileron tab counter balance weights Increased		PILATUS CENTRE No. 2 AMO 1073
22-006	10/11/2015 401.5 Hrs	Autopilot software modification to the KSA 2700 autopilot servo.		PILATUS CENTRE No. 5 AMO 1073
11-005	13/11/15 401.5 Hrs	Fuel Filler Placards		PILATUS CENTRE No. 5 AMO 1073
45-012	06/05/2016 533.2 Hrs	UPGRADE TO BUILD 8.8.		PILATUS CENTRE No. 5 AMO 1073
46-006	28/06/2016 584.9 Hrs	UPGRADE WIFI SOFTWARE		PILATUS CENTRE No. 5 AMO 1073
45-014	28/06/2016 584.9 Hrs	UPGRADE TO BUILD 10.9		PILATUS CENTRE No. 5 AMO 1073
—	17/11/16 656.5 Hrs	NIL		PILATUS CENTRE No. 5 AMO 1073
—	12/08/17 828.1 Hrs	NIL		PILATUS CENTRE No. 10 AMO 1073
45-015	15 FEB 2018 955.3 Hrs	UPGRADE TO BUILD 10.11		PILATUS CENTRE No. 7 AMO 1073
46-007	15 FEB 2018 955.3 Hrs	UPGRADE WIFI SOFTWARE		PILATUS CENTRE No. 7 AMO 1073
—	11.05.18 955.3 Hrs	NIL		PILATUS CENTRE No. 10 AMO 1073
SB45-016	22/8/18 1068:5 Hrs	UPGRADE to Build 11.1.		PILATUS CENTRE No. 2 AMO 1073
	Total time Hrs			

* *Note:* A signature in this column will be taken as certification that the maintenance specified has been carried out and all requirements as laid down in the Civil Aviation Regulations 1997, as amended have been met in every respect.

SERVICE BULLETINS/LETTERS/INSTRUCTIONS (REPETITIVE)

NUMBER	Date / Total time / Hrs	Method of compliance	Signature *	AME/AMO Number
	23.11.05 / IAW AIRCRAFT CONFIGURATION DOCS	NIL AT THIS TIME		PILATUS CENTRE No. 1 AMO 1073
	21/9/2011 / 145.3 Hrs	NIL.		PILATUS CENTRE No. 1 AMO 1073
	08/10/2012 / 185.7 Hrs	NIL		PILATUS CENTRE No. 6
	28/10/2013 / 221.1 Hrs	NIL		PILATUS CENTRE No. 6 AMO 1073
	17/11/16 / 666.8 Hrs	NIL		PILATUS CENTRE No. 8 AMO 1073
	14/08/17 / 828.1 Hrs	NIL		PILATUS CENTRE No. 10 AMO 1073
	11-05-18 / 953.3 Hrs	NIL		PILATUS CENTRE No. 10 AMO 1073

AIRCRAFT MASS AND BALANCE RECORD

Last aircraft mass determination from previous aircraft records		
Date of last weighing	Performed by	
3 NOV 2009	PILATUS	
Aircraft empty mass	Arm	Moment
6611.48 lb.	234.69	1551324.69

I hereby certify that the information as recorded above is correct in every respect to the best of my knowledge.

Name ANDREW CLARK Signature .....

AME Number 0272002031 AMO Approval stamp PILATUS CENTRE No. 1 AMO 1073 Date 20.11.2009

PILATUS PC-12/47E

SECTION 6 WEIGHT AND BALANCE

Model: PC-12/47E | Serial No.: 1074 | Registration No.: ZS-SML | Date: Nov. 03/2009

Item	Weight lb	Weight kg	C.G. Arm in	C.G. Arm m	Moment lb-in	Moment mkg
1. Airplane Weight, C.G. arm, and moment. (As weighed in Figure 6-1)	6578.63	2984.00	234.69	5.96	1543913.13	17787.71
2. Unusable Fuel	32.9	14.9	225.6	5.73	7422	85.39
3. Optional equipment, if applicable						
4. Optional equipment, if applicable						
5. Optional equipment, if applicable						
6. TOTAL BASIC EMPTY WEIGHT AND MOMENT (Sum of 1 thru 5)	6611.48	2998.90	234.64	5.96	1551324.69	17873.10

AIRPLANE USEFUL LOAD - NORMAL CATEGORY OPERATION

Ramp Weight lb	Ramp Weight kg	- Basic Empty Weight lb	- Basic Empty Weight kg	= Useful Load lb	= Useful Load kg
10495	4760	- 6611	- 2999	= 3884	= 1761

The Basic Empty Weight, C.G., and Useful Load are for the airplane as licensed at the factory. These figures are only applicable to the specific airplane serial number and registration number shown. Refer to Figure 6-3. Weight and Balance Record when modifications to the airplane have been made.

Issued: September 15, 2006
Revision 6: March 26, 2008

Figure 6-2. Airplane Basic Empty Weight

EASA Approved

Report No: 02277

6-9

Date of weighing	Performed by	
6/11/14	AMO Approval Stamp	Signature *
Weigh certificate Number		
1943		
Aircraft empty mass	Arm	Moment
6757.16 LBS	235.95"	1594361.06

** Note:* A signature in this column will be taken as certification that the maintenance specified has been carried out and all requirements as laid down in the Civil Aviation Regulations 1997, as amended have been met in every respect.

SCHEDULE INSPECTION RECORD

SCHEDULED INSPECTIONS PERFORMED

DATE	Total Time	Landings/ Cycles	Inspection Type	Signature *	AMO/AME Licence number

AIRCRAFT LOG

Date	Aircraft Time		Recorder Reading	Maintenance
	This Date	Total		
26 OCT 2009	Brought Forward →	3,2	3,2	4 Ldg's
05 11 09	0.3	3 5	3 5	[illegible]

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-08-363)
This aircraft is in an airworthy condition

Date: Nov. 05./2009

Insp. Sign: H. Gander

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PILATUS
QUALITY INSPECTION
PILATUS AIRCRAFT LTD
CH-6370 STANS (SWITZERLAND)

All life limited parts as per AMM chapter 4 and 5 are 0 (Zero) time at delivery from Pilatus Aircraft Ltd. Stans

Total to Carry Forward	05. NOV. 2009	3,5	3,5	5 Ldg's

PILATUS CENTER No. 1 AMO 1075

** Note:* A signature in this column will be taken as certification that the maintenance specified has been carried out and all requirements as laid down in the Civil Aviation Regulations 1997, as amended have been met in every respect.

MAINTENANCE AND DEFECT RECTIFICATION OR ANY RELEVANT MATTER CONSIDERED NECESSARY TO RECORD OTHER THAN SCHEDULED INSPECTIONS

Type of maintenance performed	* Signature AMO/AME Licence number and Date

Registration No. ZS-SML

and Remarks	Signature	Certificate N

The aircraft components and / or systems listed below comply with requirements as indicated:

Emergency Locator Transmitter (ELT) has been installed and tested per Pilatus Aircraft Ltd. Document EC-12-PI-07-301 and FAA FAR Part 91.207.

ELT make is: KANNAD, Model: 406 AF S/N 2620241-0037

Battery make is: MARTEC, and replacement date is: 01.2015

Oxygen Bottle P/N 957.12.12.212 S/N C07120241 Life Limit until 11.2022 Hydrostatic test 11.2010

Automatic pressure altitude reporting equipment has been tested per Pilatus Aircraft Ltd. document ECA-12-PI-07-316, and is found to be in compliance with FOCA document TM-W-20.020-20 and FAA FAR Part 91.217; and

Altimeter (s) and static system has/have been tested per Pilatus Aircraft Ltd. document ECA-12-PI-07-316, and is/are found to be in compliance with FOCA document TM-W-20.020.20 and FAA Part 91.411.

KSG 7200 Dual Channel ADAHRS S/N B1301 (pilot/copilot) was tested to **35'000** feet Date: Oct.26/2009

ATC transponder (s) has/have been tested per Pilatus Aircraft Ltd. document ECA-12-PI-07-318, and is/are found to be in compliance with FOCA document TM-W-20.100-20 and FAA FAR Part 91.413

Installed ATC transponder are:

1. Model Honeywell KXP 2290 S/N 1210 tested/Date: Oct.26/2009
2. Model Honeywell KXP 2290 S/N 1193 tested/Date: Oct.26/2009

Date: Nov 05/2009 Signed: M Gander M. Gander P/58

QUALITY INSPECTION
PILATUS AIRCRAFT LTD
CH-6370 STANS (SWITZERLAND)

PILATUS CENTRE AMO 1074

Registration No. ZS-SML

and Remarks	Signature	Certificate No.

CERTIFICATE OF RELEASE TO SERVICE

Nationality and registration marks ZS-SML

Aircraft type PC-12/47E Serial-No. 1074

I hereby certify that I am satisfied that the above-mentioned aircraft and all its equipment are in every way serviceable for flight and that all maintenance has been carried out in accordance with the Civil Aviation Regulations of 1997 and the aircraft's Approved Maintenance Schedule. This certificate lapses at a total of 100 hours of flight time or on 26.10.2010 (date), whichever occurs first, unless the aircraft is involved in an accident or becomes unserviceable, in which case the certificate is invalid for the duration of the period.

Signed Zgraggen Ph. 10859 Licence No.
*(Aircraft maintenance engineer / organisation)

Date Time

PILATUS CENTRE No. 1 AMO 1074

SCHEDULE INSPECTION RECORD

SCHEDULED INSPECTIONS PERFORMED					
DATE	Total Time	Landings/ ~~Cycles~~	Inspection Type	Signature *	AMO/AME Licence number
20.11.09	24.8	13	NEW AIRCRAFT		PILATUS CENTRE No. 1 AMO 1072

* *Note:* A signature in this column will be taken as certification that the maintenance specified has been carried out and all requirements as laid down in the Civil Aviation Regulations 1997, as amended have been met in every respect.

MAINTENANCE AND DEFECT RECTIFICATION OR ANY RELEVANT MATTER CONSIDERED NECESSARY TO RECORD OTHER THAN SCHEDULED INSPECTIONS

Type of maintenance performed	* Signature AMO/AME Licence number and Date
	20.11.09
NEW AIRCRAFT.	

PILATUS CENTRE No. 1 AMO 1072

* *Note:* A signature in this column will be taken as certification that the maintenance specified has been carried out and all requirements as laid down in the Civil Aviation Regulations 1997, as

SCHEDULE INSPECTION RECORD

SCHEDULED INSPECTIONS PERFORMED					
DATE	Total Time	Landings/ Cycles	Inspection Type	Signature *	AMO/AME Licence number
21/9/2010	104:5	69/66	ANNUAL		

* *Note:* A signature in this column will be taken as certification that the maintenance specified has been carried out and all requirements as laid down in the Civil Aviation Regulations 1997, as amended have been met in every respect.

MAINTENANCE AND DEFECT RECTIFICATION OR ANY RELEVANT MATTER CONSIDERED NECESSARY TO RECORD OTHER THAN SCHEDULED INSPECTIONS

Type of maintenance performed

CERTIFICATE RELATING TO MAINTENANCE OF AN AIRCRAFT

PILATUS CENTRE SOUTHERN AFRICA

* Signature AMO/AME Licence number and Date

Pilatus PC-12 Centre Southern Africa (Pty) Ltd
AMO 1073
P.O. Box 602, Kelvin, 2054, Gauteng, South Africa

Registration: ZS – SML

Page: 1

Aircraft:	Pilatus	**Model:**	PC12/47E	**Serial No:**	1074
Engine:	P&W	**Model::**	PT6-67P	**Serial No:**	PCE-RY0076
Propeller	Hartzel	**Model**	HC-E4A-3D	**Serial No:**	KX 669
Airframe Hrs	104.5	**Engine Hrs TSO**	104.5	**Prop Hrs TSO**	104.5
Landings	69	**Eng Cycles**	66	**Work Order:**	2365

AIRFRAME

 # Annual inspection carried out on airframe IAW Pilatus MM Chap 5 CD 02216 PC-12 IETP E Series / Revision 4 April 2010
 # Chapter 21 Vapor cycle compressor motor drive belt checked / Vapor cycle compressor motor brushes inspection carried out i.a.w (Ref.12-B-21-50-03-00A-313-A-A) found satisfactory
 # .Functional test of the GCU 1 and GCU 2 over and under-voltage trip protection c/o
 # Chapter 4 &21 E / ECS emergency shut-off system / Attached a spring balance to the ECS EMER SHUT-OFF lever.
Pulled the lever and checked that the max pull force to open the ram air scoop was 22.5 lbf (100 N) and made sure that the ram air scoop was completely open.
 # Chapter 4 & 21 E Pressurization Dump switch Operational test carried out i.a.w (refer to DM 12-B-21-30-00-00A-903A-A) found satisfactory.
 # Chapter 22 E- Auto Flight / Servo mount (pitch, roll and yaw) Clutch check carried out i.a.w / (Ref. 12-B-22-10-00-00A-313A-A) found satisfactory
 # Batteries removed, sent away for Deep Cycle, returned and refitted.
 # . Chapter 24 - Electrical Power / Emergency Power Supply Removed, sent away for capacity test i.a.w (Ref. 12-B- 24-52-51-00A-920A-A and CMM) returned and refitted
 # .1st aid kit recertified
 # CH 26 Fire extingusher checked .Carry out Pilatus SL 148 Fire Fighting Enterprises Limited Alert Service Bulletin 26-115 on Fire Extinguisher Check EASA 2009-0251E &EASA AD 2010-0062R1 carried out found not applicable to serial number fitted to aircraft
 # Chapter 27 - Flight Controls Flap actuators (black anodized) (Part No. 978.73.20.307, 308 and 309) Lubricated i.a.w (Ref. 12-B-27-50-00-00A-902A-A)
 # Chapter 30 - Ice and Rain Protection Applied a surface coating to Airfoil de-icers.
 # Chapter 32 - Landing Gear Main and nose wheel bearings Lubricated i.a.w (Ref. 2-B-12-20-06-00A-902A-A)
 # Chapter 32 - Landing Gear Main landing gear axles and bushes Inspection/Check carried out i.a.w (Ref.12-B-32-10-00-00A-313-A-A)
 # Chapter 34 – Navigation Standby magnetic compass Swing check carried out i.a.w (Ref. DM12-B-34-21-00-00A-903- A-A)
 # Chapter 4 & 55 Horizontal stabilizer trim Functional test of Trim Runaway Aural Warning System carried out (FAA CMR) in accordance with DM 12-B-27-40- 00-00A-903A-A
 # Adjusted aileron cable tension (4 x turnbuckle clips fitted)

I hereby certify that the Scheduled Inspection / Maintenance recorded above has been carried out in accordance with the Civil Aviation Regulations, 1997, as amended which are applicable hereto, have been complied with.

Date: 21/09/2010 **Signature:** **Stamp:** PILATUS CENTRE No. 2 AMO 1073

21/9/2010

PILATUS CENTRE No. 2 AMO 1073

Note: A signature in this column will be taken as certification that the maintenance specified has been carried out and all requirements as laid down in the Civil Aviation Regulations 1997, as amended have been met in every respect.

MAINTENANCE AND DEFECT RECTIFICATION OR ANY RELEVANT MATTER CONSIDERED NECESSARY TO RECORD OTHER THAN SCHEDULED INSPECTIONS

Type of maintenance performed	* Signature AMO/AME Licence number and Date

CERTIFICATE RELATING TO
MAINTENANCE OF AN AIRCRAFT

PILATUS CENTRE SOUTHERN AFRICA

Pilatus PC-12 Centre Southern Africa (Pty) Ltd
AMO 1073
P.O. Box 602, Kelvin, 2054, Gauteng, South Africa

Registration: ZS-SML

Page: 1

Aircraft:	Pilatus	**Model:**	PC12/47 E	**Serial No:**	~~1069~~ 1074
Engine:	P&W	**Model::**	PT6-67P	**Serial No:**	PCE-RY0076
Propeller	Hartzel	**Model**	HC-E4A-3D	**Serial No:**	KX669
Airframe Hrs	116.0	**Engine Hrs**	116.0	**Prop Hrs 2009**	116.0
Landings	77	**Eng Cycles**	73	**Work Order:**	2629

AIRFRAME

*Carried out SB **34.026** GPS SOFTAWARE UPGRADE*
*Carried out SB **34.027** ADAHRS CHANGE VALUES*
*Carried out Service Bulletin No: **34-028** Ref No: 263*
FITT NEW MOD 3 ADAHRs
P/N 065-00188-5103 H/W MOD 3
(Pil P/N 985.99.12.220
S/N OFF KSG7200- B1301
S/N ON KSG7200-B1147 MOD
116.0 HRS 77 LC 73 EC

I hereby certify that the Scheduled Inspection / Maintenance recorded above has been carried out in accordance with the Civil Aviation Regulations, 1997, as amended, which are applicable hereto, have been complied with.

Date: 28 · 1 · 2011. **Signature:** **Stamp:** PILATUS CENTRE No. 1 AMO 1073

PILATUS CENTRE No. 1 AMO 1073

28 · 1 · 2011

** Note:* A signature in this column will be taken as certification that the maintenance specified has been carried out and all requirements as laid down in the Civil Aviation Regulations 1997, as amended have been met in every respect.

MAINTENANCE AND DEFECT RECTIFICATION OR ANY RELEVANT MATTER CONSIDERED NECESSARY TO RECORD OTHER THAN SCHEDULED INSPECTIONS

Type of maintenance performed	* Signature AMO/AME Licence number and Date

CERTIFICATE RELATING TO MAINTENANCE OF AN AIRCRAFT

PILATUS CENTRE SOUTHERN AFRICA

Pilatus PC-12 Centre Southern Africa (Pty) Ltd
AMO 1073
P.O. Box 602, Kelvin, 2054, Gauteng, South Africa

Registration: ZS-SML

Page: 1

Aircraft:	Pilatus	**Model:**	PC12/47 E	**Serial No:**	~~1069~~ 1074
Engine:	P&W	**Model::**	PT6-67P	**Serial No:**	PCE-RY0076
Propeller	Hartzel	**Model**	HC-E4A-3D	**Serial No:**	KX669
Airframe Hrs	118.4	**Engine Hrs**	118.4	**Prop Hrs 2009**	118.4
Landings	79	**Eng Cycles**	75	**Work Order:**	2800

AIRFRAME

#SB 45-005 BUILD 7 CARRIED OUT.

I hereby certify that the Scheduled Inspection / Maintenance recorded above has been carried out in accordance with the Civil Aviation Regulations, 1997, as amended ,which are applicable hereto, have been complied with.

Date: 24/03/2011 **Signature:** **Stamp:** PILATUS CENTRE No. 1 AMO 1073

24/03/2011

PILATUS CENTRE No. 1 AMO 1073

I certify that the maintenance specified has

SCHEDULE INSPECTION RECORD

SCHEDULED INSPECTIONS PERFORMED

DATE	Total Time	Landings/ ~~Cycles~~	Inspection Type	Signature *	AMO/AME Licence number
21.9.2011	145.5	99	Annual. 150		

DART AERONAUTICAL CC
A.M.O 051

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FAX: (011) 824 3870
E-MAIL: dartaero@mweb.co.za

CRMA No : **16015**

CERTIFICATE RELATING TO MAINTENANCE OF AN AIRCRAFT
This constitutes an official **CRMA** and must be fixed in the appropriate logbook.

AIRCRAFT TYPE:		REGISTRATION: ZS-SML O/N: 2108
EQUIPMENT TYPE	SERIAL No.	SPARES
CARRY OUT PITOT STATIC LEAK, FUNCTION AND		—
CALIBRATION TEST.		
IAW SA CATS GMR 43.02.9		

* A. The abovementioned equipment was ~~overhauled, repaired and~~ tested IAW. Manufacturer's requirements.
~~* B. The abovementioned equipment installed IAW.~~ Delete which is not applicable

I HEREBY CERTIFY THAT, IN CARRYING OUT THE MAINTENANCE SPECIFIED ABOVE, ALL THE REQUIREMENTS PRESCRIBED IN THE SOUTH AFRICAN CIVIL AVIATION REGULATIONS WHICH ARE APPLICABLE THERE TO HAVE BEEN COMPILED WITH.

SIGNED _____ AMO LICENCE No. _____ DATE 08 MAY 2012

* *Note:* A signature in this column will be taken as certification that the maintenance specified has been carried out and all requirements as laid down in the Civil Aviation Regulations 1997, as amended have been met in every respect.

CERTIFICATE RELATING TO
MAINTENANCE OF AN AIRCRAFT

PILATUS CENTRE SOUTHERN AFRICA

Pilatus PC-12 Centre Southern Africa (Pty) Ltd
AMO 1073
P.O. Box 602, Kelvin, 2054, Gauteng, South Africa

Registration: ZS-SML

Page: 1

Aircraft:	Pilatus	**Model:**	PC12/47 E	**Serial No:**	1074
Engine:	P&W	**Model::**	PT6-67P	**Serial No:**	PCE-RY0076
Propeller	Hartzel	**Model**	HC-E4A-3D	**Serial No:**	KX669
Airframe Hrs	145.3	**Engine Hrs**	145.3	**Prop Hrs 2008**	145.3
Landings	99	**Eng Cycles**	94	**Work Order:**	3178

AIRFRAME

 # Carried out ANNUAL on airframe IAW Pilatus MM Chap 4 & 5 DOC 02300 PC-12/47E REV 5 JAN 2011 ***150 HR SCHEDULE REFERENCE: J15/9/492***
 # Carried out 100 Hr on Engine IAW P&W MM 3038336 Chap 72.00.00 Pages 604 to 609 all 100 hr routine and minor items carried out . P/N 3038336 Revision No.37 NOV 2010
 # Oil filter checked.
 # Chap 73 P3 filter check and cleaned.
 # FCU Fuel outlet filter replaced.
 # Chap 74 Igniters checked.
 # Carried out 100 Hr MPI on Prop IAW Hartzell MM 149 Rev 9 Dated July 2003 and Pilatus MM.
 # Chapter 71 - Power Plant Compressor performance recovery wash carried out i.a.w (Ref. 12-A-71-00-00-00A-250A-A)
 # Chapter 21 - Air Conditioning Pressurization safety valve Removed and cleaned (Ref.12-B-21-30-02-00A-250A-A)
 # Chapter 21 - Air Conditioning Pressurization system Adjustment/test carried out i.a.w (Ref.12-B-21-30-00-00A-903-A-A)
 # Chapter 4 &21 ECS emergency shut-off system Attached a spring balance to the ECS EMER SHUT-OFF lever. Pulled the lever and checked that the max pull force to open the ram air scoop is 22.5 lbf (100 N) and made sure that the ram air scoop is completely opened.
 # Chapter 4 & 21 Pressurization Dump switch Operational test carried out i.a.w (refer to DM 12-B-21-30-00-00A-903A-A)
 # Chapter 22 - Auto Flight Servo mount (pitch, roll and yaw) Removed clutch check carried out i.a.w (Ref. 12-B-22-10-00-00A-313A-A)
 # Chapter 24 - Electrical Power NiCad batteries Removed and sent away for Deep Cycle i.a.w (Ref. 12-B-24-30-07-00-A-920B-A and CMM) Returned and refitted REFER SUBCON 1766
 # Chapter 24 - Electrical Power Emergency Power Supply Removed, sent away for a capacity test i.a.w (Ref. 12-B-24-52-51-00A-920A-A and CMM)REFER SUBCON 1765
 # Chap 4 & 24 E. Generator Control Unit (GCU) 1 and GCU 2 Functional test of the GCU 1 and GCU 2 over and under-voltage trip protection carried out i.a.w (Refer to DM 12-B-24- 30-00-00A-903A-A)
 # First aid kit checked and recertified replaced: Dettol, Panado, Sinuclear, Immodium
 # Chapter 26 Fire extingusher checked and reweighed
 # Chapter 27 - Flight Controls Flap actuators (black anodized) (Part No. 978.73.20.307, 308 and 309) Lubricated i.a.w (Ref. 12-B-27-50-00-00A-902A-A)
 # Chapter 27 - Flight Controls Flap actuators (black anodized) (Part No. 978.73.20.307, 308 and 309) Backlash check carried out i.a.w (Ref.12-B-27-50-03-00A-313-A-A)
 # Chapter 30 - Ice and Rain Protection Airfoil de-icers Applied a surface coating
 # Chapter 32 - Landing Gear Main and nose wheel bearings Lubricated i.a.w (Ref. 2-B-12-20-06-00A-902A-A)
 # Chapter 32 - Landing Gear Main landing gear axles and bushes Inspection/Check carried out i.a.w (Ref.12-B-32-10-00-00A-313-A-A)
 # Chapter 34 – Navigation Static system Leak check carried out Transponder system (single and dual systems) Functional test carried out Standby magnetic compass Swing check carried out REFER SUBCON
 # Ch 4 and 55 Horizontal stabilizer trim Functional test of Trim Runaway Aural Warning System carried out (FAA CMR) in accordance with DM 12-B-27-40- 00-00A-903A-A
 # Chapter 61 – Propeller Propeller Lubricated i.a.w (Ref. 12-B-12-20-05-00A-902A-A)
 # Chapter 71 - Power Plant Power plant Torque Limiter Test carried out i.a.w (Ref.12-B-71-00-00-00A-903G-A). Performance Test carried out. (Ref. 12-B-71-00-00-00A-903H-A)Engine torque and stick pusher torque transducers electrical connectors Cleaned i.a.w (Ref. 12-B-71-00-03-00A-250A-A)
 # Chapter 76 - Engine Controls Propeller feathering micro-switches Functional test carried out i.a.w (Ref.12-B-76-10-02-00A-903-A-A)
 # Chapter 79 - SOAP SAMPLE TAKEN
 # L/H Tire P/N 9595601306 replaced. S/N OFF: 8110W00632 S/N ON: 9022W00299

I hereby certify that the Scheduled Inspection / Maintenance recorded above has been carried out in accordance with the Civil Aviation Regulations, 1997, as amended ,which are applicable hereto, have been complied with.

Date: 21.9.2011 **Signature:** **Stamp:** PILATUS CENTRE No. 1 AMO 1073

PILATUS CENTRE No. 1 AMO 1073

* *Note:* A signature in this column will be taken as certification that the maintenance specified has been carried out and all requirements as laid down in the Civil Aviation Regulations 1997, as

SCHEDULE INSPECTION RECORD

SCHEDULED INSPECTIONS PERFORMED					
DATE	Total Time	Landings/ ~~Cycles~~	Inspection Type	Signature *	AMO/AME Licence number
13.10.2011	145.3	99	S824.028		PILATUS CENTRE No. 1 AMO 1073
26.4.2012	168.3	120	S845.008 S845.009 S834.032		PILATUS CENTRE No. 1 AMO 1073

* *Note:* A signature in this column will be taken as certification that the maintenance specified has been carried out and all requirements as laid down in the Civil Aviation Regulations 1997, as amended have been met in every respect.

MAINTENANCE AND DEFECT RECTIFICATION OR ANY RELEVANT MATTER CONSIDERED NECESSARY TO RECORD OTHER THAN SCHEDULED INSPECTIONS

Type of maintenance performed	* Signature AMO/AME Licence number and Date

CERTIFICATE RELATING TO MAINTENANCE OF AN AIRCRAFT

PILATUS CENTRE SOUTHERN AFRICA

Pilatus PC-12 Centre Southern Africa (Pty) Ltd
AMO 1073
P.O. Box 602, Kelvin, 2054, Gauteng, South Africa

Registration: ZS-SML
Page: 1

Aircraft:	Pilatus	**Model:**	PC12/47 E	**Serial No:**	1074
Engine:	P&W	**Model::**	PT6-67P	**Serial No:**	PCE-RY0076
Propeller	Hartzel	**Model**	HC-E4A-3D	**Serial No:**	KX669
Airframe Hrs	145.3	**Engine Hrs**	145.3	**Prop Hrs 2008**	145.3
Landings	99	**Eng Cycles**	94	**Work Order:**	3249

AIRFRAME

 # Carried out SB 24-028 Ref 274. Installation of water protection for electrical equipment on frame 10. Kit P/N:500.51.12.022 Covers P/N:591.50.12.100 x 2 I.A.W SB instructions.

I hereby certify that the Scheduled Inspection / Maintenance recorded above has been carried out in accordance with the Civil Aviation Regulations, 1997, as amended ,which are applicable hereto, have been complied with.

Date: 13·10·2011 **Signature:** **Stamp:** PILATUS CENTRE No. 1 AMO 1073

PILATUS CENTRE No. 1 AMO 1073 13.10.2011

CERTIFICATE RELATING TO MAINTENANCE OF AN AIRCRAFT

PILATUS CENTRE SOUTHERN AFRICA

Pilatus PC-12 Centre Southern Africa (Pty) Ltd
AMO 1073
P.O. Box 602, Kelvin, 2054, Gauteng, South Africa

Registration: ZS-SML
Page: 1

Aircraft:	Pilatus	**Model:**	PC12/47 E	**Serial No:**	~~1069~~ 1074
Engine:	P&W	**Model::**	PT6-67P	**Serial No:**	PCE-RY0076
Propeller	Hartzel	**Model**	HC-E4A-3D	**Serial No:**	KX669
Airframe Hrs	168.3	**Engine Hrs**	168.3	**Prop Hrs 2009**	168.3
Landings	120	**Eng Cycles**	110	**Work Order:**	3755/3756

AIRFRAME

*#Carried Out **SB45.009 REF 289** Build 8.3.3*
*#Carried Out **SB 34.032 REF 277** GNSSU Update*

I hereby certify that the Scheduled Inspection / Maintenance recorded above has been carried out in accordance with the Civil Aviation Regulations, 1997, as amended ,which are applicable hereto, have been complied with.

Date: 25·4·2012 **Signature:** **Stamp:** PILATUS CENTRE No. 1 AMO 1073

PILATUS CENTRE No. 1 AMO 1073 25.4.2012

***Note:** A signature in this column will be taken as certification that the maintenance specified has been carried out and all requirements as laid down in the Civil Aviation Regulations 1997, as amended have been met in every respect.*

SCHEDULE INSPECTION RECORD

SCHEDULED INSPECTIONS PERFORMED					
DATE	Total Time	Landings/ ~~Cycles~~	Inspection Type	Signature *	AMO/AME Licence number
9.5.2012	168.3	120	CIS 34.053		PILATUS CENTRE No. 1 AMO 1073

* *Note:* A signature in this column will be taken as certification that the maintenance specified has been carried out and all requirements as laid down in the Civil Aviation Regulations 1997, as amended have been met in every respect.

MAINTENANCE AND DEFECT RECTIFICATION OR ANY RELEVANT MATTER CONSIDERED NECESSARY TO RECORD OTHER THAN SCHEDULED INSPECTIONS

Type of maintenance performed	* Signature AMO/AME Licence number and Date

CERTIFICATE RELATING TO MAINTENANCE OF AN AIRCRAFT

PILATUS CENTRE SOUTHERN AFRICA

Pilatus PC-12 Centre Southern Africa (Pty) Ltd
AMO 1073
P.O. Box 602, Kelvin, 2054, Gauteng, South Africa

Registration: ZS-SML

Page: 1

Aircraft:	Pilatus	**Model:**	PC12/47 E	**Serial No:**	~~1069~~ 1074
Engine:	P&W	**Model::**	PT6-67P	**Serial No:**	PCE-RY0076
Propeller	Hartzel	**Model**	HC-E4A-3D	**Serial No:**	KX669
Airframe Hrs	168.3	**Engine Hrs**	168.3	**Prop Hrs 2009**	168.3
Landings	120	**Eng Cycles**	110	**Work Order:**	3779

AIRFRAME

*#Carried out **SB 34-033** Ref 280. KSG 7200 ADAHRS Replaced*
*P/N:065-00188-5103 Mod 3 S/N: **KSG7200-B1147Removed**.*
TSN: 52.3 LSN: 43 CSN: 37
*P/N:065-00188-5103 Mod 4 S/N: **KSG7200-B1546 Installed***
TSN 13 LSN UNK CSN UNK

I hereby certify that the Scheduled Inspection / Maintenance recorded above has been carried out in accordance with the Civil Aviation Regulations, 1997, as amended ,which are applicable hereto, have been complied with.

Date: 9.5.2012. **Signature:** **Stamp:** PILATUS CENTRE AMO 1073 No. 1

CERTIFICATE RELATING TO MAINTENANCE OF AN AIRCRAFT

PILATUS CENTRE SOUTHERN AFRICA

Pilatus PC-12 Centre Southern Africa (Pty) Ltd
AMO 1073
P.O. Box 602, Kelvin, 2054, Gauteng, South Africa

Registration: ZS-SML

Page: 1

Aircraft:	Pilatus	**Model:**	PC12/47 E	**Serial No:**	1074
Engine:	P&W	**Model::**	PT6-67P	**Serial No:**	PCE-RY0076
Propeller	Hartzel	**Model**	HC-E4A-3D	**Serial No:**	KX669
Airframe Hrs	180.8	**Engine Hrs**	180.8	**Prop Hrs 2009**	180.8
Landings	132	**Eng Cycles**	121	**Work Order:**	4023

AIRFRAME

#KTA 2810, MOD 1, PN 065-00195-0100. Trim Adapter Replaced
Honeywell SB KTA 2810-22-01
***S/N KTA2810-1090 OFF** TSN 180.8 LSN 132 CSN 121*
***S/N KTA2810-1509 ON** NEW*

I hereby certify that the Scheduled Inspection / Maintenance recorded above has been carried out in accordance with the Civil Aviation Regulations, 1997, as amended ,which are applicable hereto, have been complied with.

Date: 3.8.2012 **Signature:** **Stamp:** PILATUS CENTRE AMO 1073 No. 1

ance specified has
ons 1997, as

SCHEDULE INSPECTION RECORD

SCHEDULED INSPECTIONS PERFORMED

DATE	Total Time	Landings/ Cycles	Inspection Type	Signature *	AMO/AME Licence number
08/10/2012	185.7	136/125	ANNUAL		PILATUS CENTRE No. 6 AMO 1073

DART AERONAUTICAL CC

A.M.O 51

AERONAUTICAL HOUSE
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TEL: (011) 827 8204
FAX: (011) 824 3870
E-MAIL: dartaero@mweb.co.za

A.M.O 51
CERTIFICATE RELATING TO MAINTENANCE OF AN AIRCRAFT
This constitutes an official **CRMA** and must be fixed in the appropriate logbook.

CRMA No: 17122

AIRCRAFT TYPE:		AIRCRAFT REG: ZS-SML O/N 2312
EQUIPMENT TYPE	SERIAL No.	SPARES
A)CARRY OUT PITOT STATIC LEAK FUNCTION AND		
CALIBRATION TEST.		
I.A.W S CATS GMR 43.02.9		
B)CARRY OUT TRANSPONDER SYSTEM FUNCTION TEST		
IN-SITU ND FOUND SATISFACTORY.		
I.A.W SA CATS GMR 43.02.10		
C)CARRY OUT COMPASS SWING TO AIRPATH COMPASS		
AND TWO REMOTE COMPASS SYSTEMS APPLY ALL		
CORRECTIONS AND FIT DEVIATION CARDS.		

* A. The abovementioned equipment was overhauled, repaired and tested law. Manufacturer's requirements.
* B. The abovementioned equipment installed law.

Delete which is not applicable

I HEREBY CERTIFY THAT, IN CARRYING OUT THE MAINTENANCE SPECIFIED ABOVE, ALL THE REQUIREMENTS PRESCRIBED IN THE SOUTH AFRICAN CIVIL AVIATION REGULATIONS, WHICH ARE APPLICABLE THERETO, HAVE BEEN COMPLIED WITH.

SIGNED _____ AMO LICENCE No. _____ DATE 08 OCTOBER 2012

DART AERONAUTICAL INSP B A.M.O 51

DART AERONAUTICAL CC

A.M.O 51

AERONAUTICAL HOUSE
FIRST FLOOR, SITE 86
RAND AIRPORT
TEL: (011) 827 8204
FAX: (011) 824 3870
E-MAIL: dartaero@mweb.co.za

A.M.O 51
CERTIFICATE RELATING TO MAINTENANCE OF AN AIRCRAFT
This constitutes an official **CRMA** and must be fixed in the appropriate logbook.

CRMA No: 17121

AIRCRAFT TYPE:		AIRCRAFT REG: ZS-SML O/N 2313
EQUIPMENT TYPE	SERIAL No.	SPARES
A)CARRY OUT ELT SYSTEM FUNCTION TEST IN-SITU,		
CLEAN CONNECTORS AND FOUND SATISFACTORY.		
BATTERY EXPIRATION DATE:11/2014		
I.A.W SA CATS GMR 43.02.11		

* A. The abovementioned equipment was overhauled, repaired and tested law. Manufacturer's requirements.
* B. The abovementioned equipment installed law.

Delete which is not applicable

I HEREBY CERTIFY THAT, IN CARRYING OUT THE MAINTENANCE SPECIFIED ABOVE, ALL THE REQUIREMENTS PRESCRIBED IN THE SOUTH AFRICAN CIVIL AVIATION REGULATIONS, WHICH ARE APPLICABLE THERETO, HAVE BEEN COMPLIED WITH.

SIGNED _____ AMO LICENCE No. _____ DATE 08 OCTOBER 2012

DART AERONAUTICAL INSP B A.M.O 51

* Note: ... been carr ... amended ... has

CERTIFICATE RELATING TO
MAINTENANCE OF AN AIRCRAFT

PILATUS CENTRE

Pilatus PC-12 Centre Southern Africa (Pty) Ltd
AMO 1073
P.O. Box 602, Kelvin, 2054, Gauteng, South Africa

Registration: ZS-SML

Page: 1

Aircraft:	Pilatus	**Model:**	PC12/47 E	**Serial No:**	~~1068~~ 1074
Engine:	P&W	**Model::**	PT6-67P	**Serial No:**	PCE-RY0076
Propeller	Hartzel	**Model**	HC-E4A-3D	**Serial No:**	KX669
Airframe Hrs	185.7	**Engine Hrs**	185.7	**Prop Hrs 2008**	185.7
Landings	136	**Eng Cycles**	125	**Work Order:**	4165/4175/4182

AIRFRAME

#Carry out ANNUAL 100/150 Hr E on airframe IAW Pilatus MM Chap 4 & 5 DOC 02300 PC-12/47E REV8 150 HR SCHEDULE
#Chapter 21 - Air Conditioning AT 500 system operating hours CHECKED Vapor cycle compressor motor drive belt (if Installed)Checked for tension (Ref.12-B-21-50-01-00A-903-A-A)Brush inspection (Ref.12-B-21-50-03-00A-313-A-A)BLEW OUT DUST FROM ELECTRIC MOTOR HOBBS 50.7.
#Chapter 4 &21 E
ECS emergency shut-off system Attach a spring balance to the ECS EMER SHUT-OFF lever. Pull the lever and check that the max pull force to open the ram air scoop is 22.5 lbf (100 N) and make sure that the ram air scoop is completely open. Carried Out
#Chapter 4 & 21 E
Pressurization Dump switch Operationally tested (refer to DM 12-B-21-30-00-00A-903A-A)
#Chapter 22 E- Auto Flight
Servo mount (pitch, roll and yaw) Removed for clutch check (Ref. 12-B-22-10-00-00A-313A-A)
#Carried Out Chapter 24 E- Electrical Power
Generator 1& 2 Brush inspection (Ref.12-B-24-30-01-00A-313-A-A) BLEW OUT CARBON
#Carried Out Chap 4 & 24 E. Generator Control Unit (GCU)1 and GCU 2 Functionally tested the GCU 1 and GCU 2 over and under-voltage trip protection (Refer to DM 12-B-24- 30-00-00A-903A-A) From Chapter 4 .
#Carried Out Chapter 24 - Electrical Power Emergency Power Supply Removed and did a capacity test (Ref. 12-B- 24-52-51-00A-920A-A and CMM) Subcon AES
#Chapter 24 - Electrical Power NiCad batteries Removed and serviced AMM 12-B-24-30-07-00-A-920B-A and CMM Subcon AES
#Ch 25 ELT - operationally tested (12-B-25-63-00-00A-903A-A) Subcon Dart
#Chapter 25 First Aid Kit Checked EXP 09/2013
#Chapter 26 Fire Ext Checked EXP 24/09/2013
#Carried Out CH 4,55 &27 Horizontal stabilizer trim Functionally tested Trim Runaway Aural Warning System (FAA CMR) in accordance with AMM 12-A-27-40-00-00A-903A-A
#Chapter 27 - Flight Controls Flap actuators (black anodized) (Part No. 978.73.20.307, 308 and 309) Lubricated (Ref. 12-B-27-50-00-00A-902A-A)
#Chapter 27 - Flight Controls Flap actuators (black anodized) (Part No. 978.73.20.307, 308 and 309) Backlash checked (Ref.12-B-27-50-03-00A-313- A-A)
L/H OUT BRD 0.008 L/H IN BRD 0.009 R/H OUT BRD 0.009 RH IN BRD 0.008
#Chapter 30 - Ice and Rain Protection Airfoil de-icers Applied a surface coating in accordance with the manufacturer's instructions.
#Chapter 32Landing Gear Main and nose wheel bearings Lubricated (Ref. 12-B-12-20-06-00A902A-A)
#Chapter 32 - Landing Gear Main landing gear axles and bushes DRAG LINK Inspection/Checked (Ref.12-B-32-10-00-00A-313-A-A)
#Chapter 34 – Navigation Static system Leak checked (Ref. 12-B-34-11-00-00A-903A-A)
Transponder system (single and dual systems) Functionally tested (Ref.12-B-34-54-00-00A-903-A-A)
Standby magnetic compass Swing checked (Ref. DM 12-B-34-21-00-00A-903-A-A)
Sub Con DART
#Chapter 35 Oxygen Passenger oxygen masks Inspection/checked (Ref.12-B-35-20-00-00A-313-A-A)
#Carried Out Chapter 71E - Power Plant Power plant Torque Limiter Test (Ref.12-B-71-00-00-00A-903G-A). Performance Test (Ref. 12-B-71-00-00-00A-903H-A) torque transducers electrical connectors Cleaned (Ref. 12-B-71-00-03-00A-250A-A)
#Chapter 76 - Engine Controls Propeller feathering micro switches Functionally tested AMM 12-B-76-10-02-00-A-903A-A
*#Carried out **SB 34-035 Ref 296**. NAVIGATION - INTRODUCTION OF A HONEYWELL GNSSU P/N 066-01201-0105 (PILATUS P/N 985.99.12.253)*
GPS 1 S/N:KGS200-1159 upgraded. GPS 2 S/N:KGS200-1142 upgraded. Refer to job 4175
#Replaced GPS 2 KGS200 GPS SENSOR UNIT (GNSSU) P/N 066-01201-0105.
***S/N OFF KGS200-1142** TSN 185.7 HRS 125 EC 136 LC*
***S/N ON KGS200-1426** TSN UNK LSN UNK CSN UNK REF JOB 4182*
 # Serviced MLG and NLG Oleo's

I hereby certify that the Scheduled Inspection / Maintenance recorded above has been carried out in accordance with the Civil Aviation Regulations, ~~1997~~, as amended ,which are applicable hereto, have been complied with.

Date: 08/10/2012 Signature: Stamp:

PILATUS CENTRE No. 6 AMO 1073

T MATTER INSPECTIONS

* Signature AMO/AME Licence number and Date

PILATUS CEN No. 6 AMO

08/10/2

be specified has
1997, as

SCHEDULE INSPECTION RECORD

SCHEDULED INSPECTIONS PERFORMED

DATE	Total Time	Landings/ Cycles	Inspection Type	Signature *	AMO/AME Licence number
09/01/2013	186.7	137/126	SB 23.009 (Ref 297)		PILATUS CENTRE No. 6 AMO 1073
03/09/2013	220.7	163/153	SB45/010		PILATUS CENTRE No. 5 AMO 1073

* *Note:* A signature in this column will be taken as certification that the maintenance specified has been carried out and all requirements as laid down in the Civil Aviation Regulations ~~1997~~, as amended have been met in every respect.

MAINTENANCE AND DEFECT RECTIFICATION OR ANY RELEVANT MATTER CONSIDERED NECESSARY TO RECORD OTHER THAN SCHEDULED INSPECTIONS

Type of maintenance performed

* Signature AMO/AME Licence number and Date

CERTIFICATE RELATING TO MAINTENANCE OF AN AIRCRAFT

PILATUS CENTRE SOUTHERN AFRICA

Pilatus PC-12 Centre Southern Africa (Pty) Ltd
AMO 1073
P.O. Box 602, Kelvin, 2054, Gauteng, South Africa

Registration: ZS-SML

Page: 1

Aircraft:	Pilatus	**Model:**	PC12/47 E	**Serial No:**	1074
Engine:	P&W	**Model::**	PT6-67P	**Serial No:**	PCE-RY0076
Propeller	Hartzel	**Model**	HC-E4A-3D	**Serial No:**	KX669
Airframe Hrs	186.7	**Engine Hrs**	186.7	**Prop Hrs 2009**	186.7
Landings	137	**Eng Cycles**	126	**Work Order:**	4409

AIRFRAME

*#Carried Out **SB 23-009 REF 297***
Upgraded software on MMDR 1 and 2
MMDR 1 P/N 069-01037-0102 S/N 2877
MMDR 2 P/N 069-01037-0102 S/N 2866

I hereby certify that the Scheduled Inspection / Maintenance recorded above has been carried out in accordance with the Civil Aviation Regulations, as amended ,which are applicable hereto, have been complied with.

Date: 09/01/2013 **Signature:** **Stamp:** PILATUS CENTRE No. 6 AMO 1073

PILATUS CENTRE No. 6 AMO 1073

09/01/2013

CERTIFICATE RELATING TO MAINTENANCE OF AN AIRCRAFT

PILATUS CENTRE SOUTHERN AFRICA

Pilatus PC-12 Centre Southern Africa (Pty) Ltd
AMO 1073
P.O. Box 602, Kelvin, 2054, Gauteng, South Africa

Registration: **ZS-SML**

Page: 1

Aircraft:	Pilatus	**Model:**	PC12/47 E	**Serial No:**	1074
Engine:	P&W	**Model::**	PT6-67P	**Serial No:**	PCE-RY0076
Propeller	Hartzel	**Model**	HC-E4A-3D	**Serial No:**	KX669
Airframe Hrs	220.7	**Engine Hrs**	220.7	**Prop Hrs 2008**	220.7
Landings	163	**Eng Cycles**	153	**Work Order:**	4982

AIRFRAME

#CARRIED OUT SB 45-010 REF 308 - CENTRAL MAINTENACE SYSTEM - CENTRAL COMPUTER - UPGRADED THE HONEYWELL PRIMUS APEX OPERATIONAL SOFTWARE TO BUILD 8.6

I hereby certify that the Scheduled Inspection / Maintenance recorded above has been carried out in accordance with the Civil Aviation Regulations, as amended ,which are applicable hereto, have been complied with

Date: 03/09/2013 **Signature:** **Stamp:** PILATUS CENTRE No. 5 AMO 1073

PILATUS CENTRE No. 5 AMO 1073

ice specified has
s ~~1007~~, as

amended have been met in every respect.

SCHEDULE INSPECTION RECORD

SCHEDULED INSPECTIONS PERFORMED

DATE	Total Time	Landings/ Cycles	Inspection Type	Signature *	AMO/AME Licence number
5/9/13	220.7	163/153	SB 34-038		PILANDS CENTRE No. 5 AMO 107

** Note:* A signature in this column will be taken as certification that the maintenance specified has been carried out and all requirements as laid down in the Civil Aviation Regulations 1987, as amended have been met in every respect.

MAINTENANCE AND DEFECT RECTIFICATION OR ANY RELEVANT MATTER CONSIDERED NECESSARY TO RECORD OTHER THAN SCHEDULED INSPECTIONS

Type of maintenance performed

CERTIFICATE RELATING TO MAINTENANCE OF AN AIRCRAFT

PILATUS CENTRE

Pilatus PC-12 Centre Southern Africa (Pty) Ltd
AMO 1073
P.O. Box 602, Kelvin, 2054, Gauteng, South Africa

Registration: **ZS-SML**

Page: 1

Aircraft:	Pilatus	**Model:**	PC12/47 E	**Serial No:**	1074
Engine:	P&W	**Model::**	PT6-67P	**Serial No:**	PCE-RY0076
Propeller	Hartzel	**Model**	HC-E4A-3D	**Serial No:**	KX669
Airframe Hrs	220.7	**Engine Hrs**	220.7	**Prop Hrs 2008**	220.7
Landings	163	**Eng Cycles**	153	**Work Order:**	4988

AIRFRAME

#Carried Out Service Bulletin No: 34-038 Ref 305
NAVIGATION - ATTITUDE AND DIRECTION MODIFICATION TO THE ELECTRONIC STANDBY INSTRUMENT-SYSTEM (ESIS) POWER RETURN WIRES.

I hereby certify that the Scheduled Inspection / Maintenance recorded above has been carried out in accordance with the Civil Aviation Regulations, as amended ,which are applicable hereto, have been complied with.

Date: 5/9/2013 **Signature:** **Stamp:** PILATUS CENTRE No. 5 AMO 1073

* Signature AMO/AME Licence number and Date

5/9/13 PILATUS CENTRE No. 5 AMO 1073

** Note:* A signature in this column will be taken as certification that the maintenance specified has been carried out and all requirements as laid down in the Civil Aviation Regulations ~~1997~~, as amended have been met in every respect.

SCHEDULE INSPECTION RECORD

SCHEDULED INSPECTIONS PERFORMED

DATE	Total Time	Landings/ Cycles	Inspection Type	Signature *	AMO/AME Licence number
28/10/2013	221.1	166/184	Annual		PILATUS CENTRE No. 6 AMO 1073

DART AERONAUTICAL CC
A.M.O 051

AERONAUTICAL HOUSE
FIRST FLOOR, SITE B6
RAND AIRPORT
TEL: (011) 827 8204
FAX: (011) 824 3870
E-MAIL: [illegible]

CRMA No: 19627

CERTIFICATE RELATING TO MAINTENANCE OF AN AIRCRAFT
This constitutes an official **CRMA** and must be fixed in the appropriate logbook.

AIRCRAFT TYPE:
AIRCRAFT SERIAL NUMBER:
REGISTRATION: ZS-SML - 2920

EQUIPMENT TYPE	SERIAL No.	SPARES
A)CARRY OUT PITOT STATIC LEAK, FUNCTION AND		
CALIBRATION CHECK ON DUAL SYSTEM.		
IAW SA CATS GMR 73.02.9		
B)CARRY OUT TRANSPONDER SYSTEM FUNCTION		
AND CALIBRATION CHECK ON DUAL SYSTEM.		
IAW SA CATS GMR 73.02.10		
C)CARRY OUT COMPASS SWING TO BOTH AIRPATH		
AND QTY 2 COMPASS SYSTEMS. APPLY ALL		
CORRECTIONS AND FIT DEVIATION CARDS.		

DART AERONAUTICAL CC
A.M.O 51

AERONAUTICAL HOUSE
FIRST FLOOR, SITE B6
RAND AIRPORT
TEL: (011) 827 8204
FAX: (011) 824 3870
E-MAIL: dartaero@mweb.co.za

A.M.O 51
CERTIFICATE RELATING TO MAINTENANCE OF AN AIRCRAFT
This constitutes an official **CRMA** and must be fixed in the appropriate logbook.

CRMA No: 19718

AIRCRAFT TYPE: Cessna 210N | **AIRCRAFT REG: ZS-SML** O/N 2949

EQUIPMENT TYPE	SERIAL No.	SPARES
REMOVE PANELS, INSTALL NEW WIRING, PLUG, RELAYS	NSN	
AND UNITS AS PER SB 46-004, OPEN CONNECTORS, REMOVE		
PANELS TO ACCESS TERMINAL BLOCKS AND CROSS OVER		
CONNECTORS, CLOSE UP AND SECURE NEW WIRING.		
I.A.W SB 46-004		

* A. The abovementioned equipment was overhauled, repaired and tested law. Manufacturer's requirements.
* B. The abovementioned equipment installed law.
Delete which is not applicable

I HEREBY CERTIFY THAT, IN CARRYING OUT THE MAINTENANCE SPECIFIED ABOVE, ALL THE REQUIREMENTS PRESCRIBED IN THE SOUTH AFRICAN CIVIL AVIATION REGULATIONS, WHICH ARE APPLICABLE THERETO HAVE BEEN COMPLIED WITH.

SIGNED _____ AMO LICENCE No. _____ DATE 22 OCTOBER 2013

** Note:* A signature in this column will be taken as certification that the maintenance specified has been carried out and all requirements as laid down in the Civil Aviation Regulations [redacted], as amended have been met in every respect.

CERTIFICATE RELATING TO
MAINTENANCE OF AN AIRCRAFT

PILATUS CENTRE

Pilatus PC-12 Centre Southern Africa (Pty) Ltd
AMO 1073
P.O. Box 602, Kelvin, 2054, Gauteng, South Africa

Registration: ZS-SML

Page: 1

Aircraft:	Pilatus	Model:	PC12/47 E	Serial No:	~~1000~~ 1074
Engine:	P&W	Model::	PT6-67P	Serial No:	PCE-RY0076
Propeller	Hartzel	Model	HC-E4A-3D	Serial No:	KX669
Airframe Hrs	221.1	Engine Hrs	221.1	Prop Hrs 2008	221.1
Landings	165	Eng Cycles	154	Work Order:	5082/5083/5084

AIRFRAME

#Carried out Annual 100/150 Hr on airframe i.a.w Pilatus MM Chap 4 & 5 DOC 02300 PC-12/47E REV9
150 HR SCHEDULE ***I.A.W CAA REF J15/9/492***
 # Chapter 21 - Air Conditioning Pressurization safety valve removed and cleaned i.a.w (AMM 12-B-21-30-02-00-A-250A-A). Refitted and found satisfactory.
 # Chapter 4 &21 ECS emergency shut-off system Attached a spring balance to the ECS EMER SHUT-OFF lever. Pulled the lever and checked that the max pull force to open the ram air scoop is 22.5 lbf (100 N) and made sure that the ram air scoop is completely open.
 # Chapter 4 & 21 Pressurization Dump switch operational test carried out i.a.w (refer to DM 12-B-21-30-00-00A-903A-A). Found satisfactory.
 # Chapter 22 - Auto Flight Servo mount (pitch, roll and yaw) Removed for clutch check. Clutch check carried out i.a.w (AMM 12-B-22-10-00-00-A-313A-A) and refitted. Found satisfactory.
 # Chapter 24 - Electrical Power NiCad batteries Removed and serviced AMM 12-B-24-30-07-00-A-920B-A and CMM
 # Carried Out Chapter 24 - Electrical Power Generator 1 and 2 Brush inspection AMM 12-B-24-30-01-00-A-313A-A
 # Chapter 24 - Electrical Power Emergency Power Supply Removed and did a capacity test AMM 12-B-24-52-51-00-A-920A-A and CMM Subcon AES
 # Chapter 25 First Aid kit checked Exp 10/2014
 # Chapter 26 Fire Ext Check Exp 10/2014
 # Chapter 27 - Flight Controls Flap actuators (black anodized) (PartNo. 978.73.20.307, 308 and 309)Lubricated AMM 12-B-27-50-00-00-A-902A-A
 # Chapter 27 - Flight Controls
Flap actuators (black anodized) (PartNo. 978.73.20.307, 308 and 309) Backlash check AMM 12-B-27-50-03-00-A-313A-A L/H out brd 0.008" Lh Inbrd 0.006" R/H inbrd 0.006" R/H out brd 0.009"
 # Chapter 30 - Ice and Rain Protection Airfoil de-icers Applied a surface coating accordance with the manufacturers Instructions
 # Chapter 32 - Landing Gear Main and nose wheel bearings Lubricated AMM 12-B-12-20-06-00-A-902A-A
 # Chapter 32 - Landing Gear Main landing gear axles and bushes Inspection/Checked AMM 12-B-32-10-00-00-A-313A-A
 # Chapter 34 – Navigation Static system Leak checked AMM 12-B-34-11-00-00-A-903A-A Transponder system (single and dual systems) Functional test AMM 12-B-34-54-00-00-A-903A-A or 12-B-34-54-00-00A-903B-A or 12-B-34-54-10-00A-90-3A-A or 12-B-34-54-10-00A-903B-A Standby magnetic compass Swing checked AMM DM 12-B-34-20-00-00A-903A-A
 # Carried Out Ch 4 ,27and 55 Horizontal stabilizer trim Functional test of Trim Runaway Aural Warning System (FAA CMR) in accordance with DM 12-B-27-40-00-00A-903A-A
 # Chapter 25 Elt Checked. Subcon Dart
 # Carried Out Chapter 71 - Power Plant Power plant Torque Limiter Test AMM 12-B-71-00-00-00-A-903G-A
 # Carried Out Chapter 76 - Engine Controls Propeller feathering micro switches Functional test AMM 12-B-76-10-02-00-A-903A-A
 # Carried Out ***SB 46.004 REF 306*** *Install a Wireless data loading system Kit P/N 500.51.12.031*
NIC 1 MAU Module Replaced
P/N OFF 7026542-1801 S/N OFF 0807C009 *TSN 221.1 CSN 154 LSN 165*
P/N ON 7038231-1801 S/N ON 13084542 *TSN NEW CSN NEW LSN NEW*
NIC 2 MAU Module Replaced
P/N OFF 7026542-1801 S/N OFF 0807C033 *TSN 221.1 LSN 165 CSN 154*
P/N ON 7038231-1081 S/N ON 13074528 *TSN NEW LSN NEW CSN NEW*
#Carried Out SB 31.018 Ref 309Installation of New MAU Modular Units CSIO and GIO In conjunction with SB 46.004
CSIO MAU *Module Replaced* ***P/N OFF 985.99.12.157 S/N OFF 08090121*** *TSN 221.1 CSN 154 LSN 165*
P/N ON 985.99.12.251 S/N ON 13041055 *TSN NEW CSN NEW LSN NEW*
DGIO MAU Module Replaced
P/N OFF 985.99.12.146
S/N OFF 08094437 *TSN 221.1 LSN 165 CSN 154*
P/N ON 985.99.12.252
S/N ON 13050372 *TSN NEW LSN NEW CSN NEW*

I hereby certify that the Scheduled Inspection / Maintenance recorded above has been carried out in accordance with the Civil Aviation Regulations, as amended ,which are applicable hereto, have been complied with.

Date: 28/10/2013 Signature: Stamp: PILATUS CENTRE No. 6 AMO 1073

28/10/2013

SCHEDULE INSPECTION RECORD

SCHEDULED INSPECTIONS PERFORMED

DATE	Total Time	Landings/ Cycles	Inspection Type	Signature *	AMO/AME Licence number
14/12/2013	226.2	171/158	Snags		PILATUS CENTRE No. 6 AMC
14/12/2013	226.2	171/158	SIL (Honeywell)		PILATUS CENTRE No. 6 AMC

* *Note:* A signature in this column will be taken as certification that the maintenance specified has been carried out and all requirements as laid down in the Civil Aviation Regulations [redacted], as amended have been met in every respect.

MAINTENANCE AND DEFECT RECTIFICATION OR ANY RELEVANT MATTER CONSIDERED NECESSARY TO RECORD OTHER THAN SCHEDULED INSPECTIONS

Type of maintenance performed	* Signature AMO/AME Licence number and Date

CERTIFICATE RELATING TO MAINTENANCE OF AN AIRCRAFT

PILATUS CENTRE SOUTHERN AFRICA

Pilatus PC-12 Centre Southern Africa (Pty) Ltd
AMO 1073
P.O. Box 602, Kelvin, 2054, Gauteng, South Africa

Registration: ZS-SML

Page: 1

Aircraft:	Pilatus	**Model:**	PC12/47 E	**Serial No:**	1074
Engine:	P&W	**Model::**	PT6-67P	**Serial No:**	PCE-RY0076
Propeller	Hartzel	**Model**	HC-E4A-3D	**Serial No:**	KX669
Airframe Hrs	226.2	**Engine Hrs**	226.2	**Prop Hrs 2009**	226.2
Landings	171	**Eng Cycles**	158	**Work Order:**	5299

AIRFRAME

#Replaced CSIO MAU MODULE
P/N : 985.99.12.251 (7036333-1906)
***S/N OFF: 13041055** TSN 5.1 LSN 6 CSN 4*
***S/N ON: 13011026** TSN NEW LSN NEW CSN NEW*

I hereby certify that the Scheduled Inspection / Maintenance recorded above has been carried out in accordance with the Civil Aviation Regulations, as amended ,which are applicable hereto, have been complied with.

Date: 19/12/2013 **Signature:** **Stamp:** PILATUS CENTRE No. 6 AMO 1073

Carried out Honeywell SIL D20130000140.
Inspection of MAU baffle flappers.
Make sure they free to open and not restrict fan airflow.

ATSN: 226.2 CSN: 158 LSN: 171.

19/12/2013

PILATUS CENTRE No. 6 AMO 1073

PILATUS CENTRE No. 6 AMO 1073

PILATUS CENTRE No. 6 AMO 1073

* *Note:* **A signature in this column will be taken as certification that the maintenance specified has been carried out and all requirements as laid down in the Civil Aviation Regulations ~~1057~~, as amended have been met in every respect.**

SCHEDULE INSPECTION RECORD

SCHEDULED INSPECTIONS PERFORMED

DATE	Total Time	Landings/ Cycles	Inspection Type	Signature *	AMO/AME Licence number
16/4/2014	232.0	176/163	SNAGS		PILATUS CENTRE No. 5 AMO 1073
17/7/2014	251.3	192/180	SB 46-003		PILATUS CENTRE No. 5 AMO 1073

** Note:* A signature in this column will be taken as certification that the maintenance specified has been carried out and all requirements as laid down in the Civil Aviation Regulations 1997, as amended have been met in every respect.

MAINTENANCE AND DEFECT RECTIFICATION OR ANY RELEVANT MATTER CONSIDERED NECESSARY TO RECORD OTHER THAN SCHEDULED INSPECTIONS

Type of maintenance performed

* Signature AMO/AME Licence number and Date

CERTIFICATE RELATING TO MAINTENANCE OF AN AIRCRAFT

PILATUS CENTRE SOUTHERN AFRICA

Pilatus PC-12 Centre Southern Africa (Pty) Ltd
AMO 1073
P.O. Box 602, Kelvin, 2054, Gauteng, South Africa

Registration: **ZS-SML**

Page: 1

Aircraft:	Pilatus	**Model:**	PC12/47 E	**Serial No:**	1074
Engine:	P&W	**Model::**	PT6-67P	**Serial No:**	PCE-RY0076
Propeller	Hartzel	**Model**	HC-E4A-3D	**Serial No:**	KX669
Airframe Hrs	232.0	**Engine Hrs**	232.0	**Prop Hrs 2008**	232.0
Landings	176	**Eng Cycles**	163	**Work Order:**	5586

AIRFRAME

#Replaced KMA29 Audio/Marker Panel P/N 066-01181-0101
S/N OFF: E0282 (TSN: 232.0 HRS; 163 EC, 176 LC)
S/N ON: D0189-F (TSN: UNK)

I hereby certify that the Scheduled Inspection / Maintenance recorded above has been carried out in accordance with the Civil Aviation Regulations, as amended ,which are applicable hereto, have been complied with.

Date: 16/4/2014 **Signature:** **Stamp:** PILATUS CENTRE No. 5 AMO 1073

16/4/2014 PILATUS CENTRE No. 5 AMO 1073

CERTIFICATE RELATING TO MAINTENANCE OF AN AIRCRAFT

PILATUS CENTRE SOUTHERN AFRICA

Pilatus PC-12 Centre Southern Africa (Pty) Ltd
AMO 1073
P.O. Box 602, Kelvin, 2054, Gauteng, South Africa

Registration: **ZS-SML**

Page: 1

Aircraft:	Pilatus	**Model:**	PC12/47 E	**Serial No:**	1074
Engine:	P&W	**Model::**	PT6-67P	**Serial No:**	PCE-RY0076
Propeller	Hartzel	**Model**	HC-E4A-3D	**Serial No:**	KX669
Airframe Hrs	251.3	**Engine Hrs**	251.3	**Prop Hrs 2008**	251.3
Landings	192	**Eng Cycles**	180	**Work Order:**	5804

AIRFRAME

*#Carried out **Service Bulletin No: 46-003** Ref 256. Installation of Cursor Control Device.*

I hereby certify that the Scheduled Inspection / Maintenance recorded above has been carried out in accordance with the Civil Aviation Regulations, as amended ,which are applicable hereto, have been complied with.

Date: 17/7/2014 **Signature:** **Stamp:** PILATUS CENTRE No. 5 AMO 1073

17/7/2014 PILATUS CENTRE No. 5 AMO 1073

** Note:* **A signature in this column will be taken as certification that the maintenance specified has been carried out and all requirements as laid down in the Civil Aviation Regulations 1997, as amended have been met in every respect.**

SCHEDULE INSPECTION RECORD

SCHEDULED INSPECTIONS PERFORMED					
DATE	Total Time	Landings/ ~~Cycles~~	Inspection Type	Signature*	AMO/AME Licence number
2.10.2014	251.9	196	5YR PITCH TRIM.		AMO 1073 No. 1 PLANUS CENTRE

** Note:* A signature in this column will be taken as certification that the maintenance specified has been carried out and all requirements as laid down in the Civil Aviation Regulations 1997, as amended have been met in every respect.

MAINTENANCE AND DEFECT RECTIFICATION OR ANY RELEVANT MATTER CONSIDERED NECESSARY TO RECORD OTHER THAN SCHEDULED INSPECTIONS

Type of maintenance performed

CERTIFICATE RELATING TO MAINTENANCE OF AN AIRCRAFT

PILATUS CENTRE SOUTHERN AFRICA

* Signature AMO/AME Licence number and Date

Pilatus PC-12 Centre Southern Africa (Pty) Ltd
AMO 1073
P.O. Box 602, Kelvin, 2054, Gauteng, South Africa

Registration: ZS-SML

Page: 1

Aircraft:	Pilatus	**Model:**	PC12/47 E	**Serial No:**	1069
Engine:	P&W	**Model::**	PT6-67P	**Serial No:**	PCE-RY0076
Propeller	Hartzel	**Model**	HC-E4A-3D	**Serial No:**	KX669
Airframe Hrs	251.9	**Engine Hrs**	251.9	**Prop Hrs 2009**	251.9
Landings	196	**Eng Cycles**	183	**Work Order:**	6028

AIRFRAME

Chapter 4 & 27
5 year item Pitch trim actuator replaced IAW 12-B-27-40-01-00A-920A-A

P/N 978.73.14.203

S/N OFF 962 @ 251.9 hrs TSN
S/N ON 1035 @1084.4 hrs TSN

Duplicate Inspection carried out by Jason Beamish AME0272433699

PILATUS CENTRE No. 6 AMO 1073

I hereby certify that the Scheduled Inspection / Maintenance recorded above has been carried out in accordance with the Civil Aviation Regulations, as amended ,which are applicable hereto, have been complied with.

Date: 2·10·2014. **Signature:** **Stamp:** PILATUS CENTRE No. 1 AMO 1073

PILATUS CENTRE No. 1 AMO 1073

2·10·2014

***Note:** A signature in this column will be taken as certification that the maintenance specified has been carried out and all requirements as laid down in the Civil Aviation Regulations 1997, as amended have been met in every respect.*

SCHEDULE INSPECTION RECORD

SCHEDULED INSPECTIONS PERFORMED

DATE	Total Time	Landings/ Cycles	Inspection Type	Signature *	AMO/AME Licence number
7/11/14					

Certificate of Release to Service
South African Civil Aviation Part 145 Organization

AES

2. Location	3. Mail Address	4. AES Job Number:	19726
Hangar M7 Gate 5 Lanseria Airport Lanseria 1748	P O BOX 911 Lanseria 1748 Fax: +27 (0)11 701 3232 E-mail: workshops@aeroelectrical.co.za	5. Certificate Serial No.:	6158

6. Qty.	7. Description.	8. Aircraft Registration	9. Part &/or Model No.	10. Eligibility.*	11. Serial/Batch No	12. Status/Work
01	NI-CD BATTERY	ZS- SML	31406-002	See note 14.2	10802472	DEEP CYCLE

Remarks: DEEP CYCLE CARRIED OUT

CMM:24-34-00 REV11 NOV2012

DUE DATE 29-01-2015(+_3MONTHS)

14. NOTE:
1. Life Limited Parts will normally be accompanied by maintenance history including life used – if supplied by customer.
2. Installer must cross-check eligibility with applicable technical data
3. It is important to understand that the existence of this document alone does not automatically constitute authority to install the part/component/assembly.
4. Where the user/installer works in accordance with the national regulations of an Airworthiness Authority different from the Airworthiness Authority specified in block 1 it is essential that the user/installer ensures that his/her Airworthiness Authority accepts parts/components/assemblies from the Airworthiness Authority specified in block 1.
5. Statement in item 14 does not constitute installation certification. In all cases the aircraft maintenance record must contain an installation certification issued in accordance with the national regulations by the user/installer before the aircraft may be flown.

15
■ CAR43.04.4 (1) Release to service
☐ Other regulation specified in block 12.

Certifies that the part(s) identified above except as otherwise specified in block 13 was (were) manufactured/inspected in accordance with the applicable design data and with the Civil Aviation Regulations, 1997.

16. Signature: [signature]
17. Approval or PO Ref. No: AES AMO 1011 INSP 9
18. Name: L. RADINGWANA
19. Date: 04-11-2014

PILATUS CENTRE No. 2 AMO 1073

Certificate of Release to Service
South African Civil Aviation Part 145 Organization

AES

2. Location	3. Mail Address	4. AES Job Number:	19725
Hangar M7 Gate 5 Lanseria Airport Lanseria 1748	P O BOX 911 Lanseria 1748 Fax: +27 (0)11 701 3232 E-mail: workshops@aeroelectrical.co.za	5. Certificate Serial No.:	6159

6. Qty.	7. Description.	8. Aircraft Registration	9. Part &/or Model No.	10. Eligibility.*	11. Serial/Batch No	12. Status/Work
01	NI-CD BATTERY	ZS- SML	31406-002	See note 14.2	10802471	DEEP CYCLE

Remarks: DEEP CYCLE CARRIED OUT

CMM: 24-34-00 REV11 NOV2012

DUE DATE 29-01-2015(+_3MONTHS)

14. NOTE:
1. Life Limited Parts will normally be accompanied by maintenance history including life used – if supplied by customer.
2. Installer must cross-check eligibility with applicable technical data
3. It is important to understand that the existence of this document alone does not automatically constitute authority to install the part/component/assembly
4. Where the user/installer works in accordance with the national regulations of an Airworthiness Authority different from the Airworthiness Authority specified in block 1 it is essential that the user/installer ensures that his/her Airworthiness Authority accepts parts/components/assemblies from the Airworthiness Authority specified in block 1.
5. Statement in item 14 does not constitute installation certification. In all cases the aircraft maintenance record must contain an installation certification issued in accordance with the national regulations by the user/installer before the aircraft may be flown.

15
■ CAR43.04.4 (1) Release to service
☐ Other regulation specified in block 12.

Certifies that the part(s) identified above except as otherwise specified in block 13 was (were) manufactured/inspected in accordance with the applicable design data and with the Civil Aviation Regulations, 1997.

16. Signature: [signature]
17. Approval or PO Ref. No: AES AMO 1011 INSP 9
18. Name: L. RADINGWANA
19. Date: 04-11-2014

PILATUS CENTRE No. 2 AMO 1073

** Note:* A signature in this column will be taken as certification that the maintenance specified has been carried out and all requirements as laid down in the Civil Aviation Regulations 1997, as amended have been met in every respect.

MAINTENANCE AND DEFECT RECTIFICATION OR ANY RELEVANT MATTER CONSIDERED NECESSARY TO RECORD OTHER THAN SCHEDULED INSPECTIONS

Type of maintenance performed	* Signature AMO/AME Licence number and Date

AES

Certificate of Release to Service

South African Civil Aviation Part 145 Organization

2. Location	3. Mail Address	4. AES Job Number:	19727
Hangar M7 Gate 6 Lanseria Airport Lanseria 1748	P O BOX 911 Lanseria 1748 Fax: 427 (0)11 701 3232 E-mail: workshops@aeroelectrical.co.za	5. Certificate Serial No.:	6099

6. Qty.	7. Description	8. Aircraft Registration	9. Part &/or Model No.	10. Eligibility.*	11. Serial/Batch No	12. Status/Work
01	E.P.S.	ZS-SML	501-1712-02	See note 14.2	81774	Cap Check

Remarks:
Stripped and inspected unit.
Cap check carried out. Unit passed.
Top charged. Tested.
Found to be serviceable.

Manual: BF GOODRICH TP 483 Rev: 1 May 94

14. NOTE:
1. Life Limited Parts will normally be accompanied by maintenance history including life used – if supplied by customer
2. Installer must cross-check eligibility with applicable technical data
3. It is important to understand that the existence of this document alone does not automatically constitute authority to install the part/component/assembly
4. Where the user/installer works in accordance with the national regulations of an Airworthiness Authority different from the Airworthiness Authority specified in block 1 it is essential that the user/installer ensures that his/her Airworthiness Authority accepts parts/components/assemblies from the Airworthiness Authority specified in block 1
5. Statement in item 14 does not constitute installation certification. In all cases the aircraft maintenance record must contain an installation certification issued in accordance with the national regulations by the user/installer before the aircraft may be flown

13
■ CAR43.04.4 (1) Release to service
☐ Other regulation specified in block 12.

Certifies that the part(s) identified above except as otherwise specified in block 13 was (were) manufactured/inspected in accordance with the applicable design data and with the Civil Aviation Regulations, 1997.

16. Signature:	17. Approval or EDRS. No: AMO 1011
18. Name: R. Black	19. Date: 29-10-2014

PISTON CENTRE No. 2 AMO 1073

7/11/14

Denel Aviation

CERTIFICATE RELATING TO MAINTENANCE OF A COMPONENT

This constitutes an official Logbook Entry and must be placed in the appropriate Logbook

No WWAMC 6198
Page 1 of 1

Aircraft Type	Country of Registration	Registration Marks	Engine/Propeller Type	Serial Number
N/A	N/A	N/A	N/A	N/A

Part Description	Part Number	Serial Number	Works Order Number	Customer Order Number
Oxygen cylinder assembly	DOT-SP9162-1800	261 20168	3640	3640 Popular Leasing

Hours Since New	Hours Since Overhaul / Hydrostatic Test	Hours To Next Overhaul / Hydrostatic Test
85 months	0 months	no months

Description of work carried out:
Hydrostatic tested cylinder. Overhauled equipment. (Spares supplied by customer)
Tested and found serviceable. New Cylinder 19/09/13

Manuals referred to:
CMM 36-30-00/201 Rev 1 97 wCFR Tested Part173.34 (1)(b) & Axis systems SB 26-1-feb2008 & CMM 36-30-00/201 4

Items overhauled:
Regulator SC 4.17 U. SN. 0711847

Mandatory Modifications carried out:
N/A

Items replaced:	Part number	Description	Qty
	[illegible]	[illegible]	1
	[illegible]	Check valve	1
	[illegible]	Valve	
	[illegible]	O-ring	

DART AERONAUTICAL CC
A.M.O 051

22068

CRMA No.

REGISTRATION ZS-SML ORDER 3645

SPARES

SERIAL No.

EQUIPMENT TYPE

SYSTEM FUNCTION TEST AND FOUND

DATE JANUARY 2019

CARRYING OUT THE MAINTENANCE SPECIFIED ABOVE ALL THE REQUIREMENTS THAT ARE APPLICABLE THERE TO HAVE BEEN SOUTH AFRICAN CIVIL AVIATION REGULATIONS

DATE 30 OCTOBER 2014

AMO LICENCE No.

Certification

Aircraft Maintenance Organisation Licence No. 262

on that the maintenance specified has
il Aviation Regulations 1997, as

SCHEDULE INSPECTION RECORD

SCHEDULED INSPECTIONS PERFORMED

DATE	Total Time	Landings/ Cycles	Inspection Type	Signature *	AMO/AME Licence number
7/11/14	2515:9	196/183	ANNUAL		PILATUS CENTRE No. 2 AMO 1073

HANGAR ONE

AIRCRAFT MASS AND BALANCE REPORT

THIS CONSTITUTES AN OFFICIAL LOG BOOK ENTRY AND MUST BE AFFIXED IN THE APPROPRIATE LOGBOOK

Aircraft Make	Type / Model	Serial Number	Registration
Pilatus	PC12/47E	1074	ZS-SML

WEIGHING METHOD

Aircraft weighed on: B

A) Jack points
B) Wheels
C) Other

JOB NUMBER 1943

DATE 6-Nov-2014

REFERENCE

Datum: 118" forward of firewall front face
Aircraft weighed level - Lift points

	Main and Nose Wheel
Main wheels	252.41
Nose wheel	111.50

SCALE READINGS

CELL POSITION	READINGS IN KGS	CONVERT TO LBS	MASS IN POUNDS
Yellow left main wheel	1359.00	2.20462	2996.08
Blue right main wheel	1346.00	2.20462	2971.83
Red nose wheel	358.00	2.20462	789.25
Aircraft Total Mass	3065.00		6757.16

ARMS AND MOMENTS

POSITION	MASS	ARM	MOMENT
Left main wheel	2996.08	252.41	756240.19
Right main wheel	2971.83	252.41	750119.04
Nose wheel	789.25	111.50	88001.82
ADJUSTMENTS			
Aircraft as weighed with (if applicable)	6757.16	235.95	1594361.06
Engine oil full, unusable fuel, Hydraulic oil full, fixed ballast and all items of fixed equipment			0
			0
Aircraft empty	6757.16	235.95	1594361.06

CERTIFICATION

Aircraft weighed in accordance with: A.I.C 60.5 Aircraft weight and balance manual A.C. 43.13 - 1B/2A and to satisfy civil aviation as amended

	LBS	KGS
AIRCRAFT EMPTY WEIGHT	6757.16	3065.00

CENTRE OF GRAVITY CALCULATED TO: 235.95 INCHES AFT OF DATUM

AIRCRAFT WEIGHED AT: Euro Blitz 21 Hangar 1 Rand Airport - AMO 107

AIRCRAFT WEIGHED AND RESULTS CALCULATED BY NAME G M Burrill Sign

STAMP: AMO NO 107 3 HANGER ONE

CRMA No: 22097

CERTIFICATE RELATING TO MAINTENANCE OF AN AIRCRAFT
This constitutes an official CRMA and must be fixed in the appropriate logbook.

AIRCRAFT TYPE:
AIRCRAFT SERIAL NUMBER:

REGISTRATION: ZS-SML ORDER: 3659

EQUIPMENT TYPE	SERIAL No.	STATES
REMOVED AIRPATH COMPASS, CARRY OUT FULL OVERHAUL	AT-917	QTY 1 DIAPHRAGM
REFURBISH, LEAK TEST, SEAL AND REFIT.		QTY 2 SEALS
		QTY 1 SPACER

I.A.W MAN# 05-15-606 REV 1 DEC 1957

Delete which is not applicable

* A. The abovementioned equipment was overhauled, repaired and tested IAW Manufacturer's requirements

* B. The abovementioned equipment installed IAW.

I HEREBY CERTIFY THAT IN CARRYING OUT THE MAINTENANCE SPECIFIED ABOVE, ALL THE REQUIREMENTS PRESCRIBED IN THE SOUTH AFRICAN CIVIL AVIATION REGULATIONS WHICH ARE APPLICABLE THERE TO HAVE BEEN COMPILED WITH.

SIGNED _____ AMO LICENCE No. _____ DATE 07 NOVEMBER 2014

CERTIFICATE RELATING TO MAINTENANCE OF AN AIRCRAFT
This constitutes an official CRMA and must be fixed in the appropriate logbook.

CRMA No: 22067

AIRCRAFT TYPE:
AIRCRAFT SERIAL NUMBER:

REGISTRATION: ZS-SML ORDER: 3644

EQUIPMENT TYPE	SERIAL No.	STATES
A)CARRY OUT PITOT STATIC LEAK FUNCTION AND CALIBRATION		
TEST ON DUAL SYSTEM AND STANDBY UNIT.		
I.A.W SA CATS OMR 43.02.9		
B)CARRY OUT TRANSPONDER SYSTEM FUNCTION TEST IN-SITU		
ON DUAL SYSTEM.		
I.A.W SA CATS . OMR 43.02.9		
C)CARRY OUT COMPASS SWING TO AIRPATH COMPASS AND		
TWO REMOTE COMPASS SYSTEMS, APPLY ALL CORRECTIONS		
AND		
FIT DEVIATION CARDS.		
(RADIO/S ON)		

* A The abovementioned equipment was overhauled, repaired and tested IAW. Manufacturer's requirements.

* B The abovementioned equipment installed IAW.

Delete which is not applicable

I HEREBY CERTIFY THAT IN CARRYING OUT THE MAINTENANCE SPECIFIED ABOVE, ALL THE REQUIREMENTS PRESCRIBED IN THE SOUTH AFRICAN CIVIL AVIATION REGULATIONS WHICH ARE APPLICABLE THERE TO HAVE BEEN COMPILED WITH

SIGNED _____ AMO LICENCE No. _____ DATE 07 NOVEMBER 2014

** Note:* A signature in this column will be taken as certification that the maintenance specified has been carried out and all requirements as laid down in the Civil Aviation Regulations 1997, as amended have been met in every respect.

MAINTENANCE AND DEFECT RECTIFICATION OR ANY RELEVANT MATTER CONSIDERED NECESSARY TO RECORD OTHER THAN SCHEDULED INSPECTIONS

CERTIFICATE RELATING TO MAINTENANCE OF AN AIRCRAFT

PILATUS CENTRE SOUTHERN AFRICA

* Signature AMO/AME Licence number and Date

Pilatus PC-12 Centre Southern Africa (Pty) Ltd
AMO 1073
P.O. Box 602, Kelvin, 2054, Gauteng, South Africa

Registration: ZS –SML

Page: 1

Aircraft:	Pilatus	**Model:**	PC12/47E	**Serial No:**	1074
Engine:	P&W	**Model::**	PT6-67P	**Serial No:**	PCE-RY0076
Propeller	Hartzel	**Model**	HC-E4A-3D	**Serial No:**	KX 669
Airframe Hrs	251.9	**Engine Hrs**	251.9	**Prop Hrs**	251.9
Landings	196	**Eng Cycles**	183	**Work Order:**	6105

AIRFRAME

 # Carried out Annual 100/150 Hr E on airframe i.a.w Pilatus MM Chap 4 & 5 DOC 02300 PC-12/47E REV 11 150 HR SCHEDULE
 # Chapter 4 27 Inboard flap drive arms Inspection/check carried out In-situ i.a.w (AMM 12-A-27-51-00-00A-313A-A). Found satisfactory.
 # Chapter 4 & 35 Oxygen bottle hydrostatic test carried out refer to AVOX Service Information Letter SIL-35-114 latest revision (www.avoxsys.com).Refer to subcon 3640
 # Chapter 4 &21 E ECS emergency shut-off system. Attached a spring balance to the ECS EMER SHUT-OFF lever. Pulled the lever and checked that the max pull force to open the ram air scoop was 22.5 lbf (100 N) and made sure that the ram air scoop was completely open # Chapter 21 - Air Conditioning Cabin positive pressure relief functional test carried out i.a.w (AMM 12-B-21-30-00-00A-903A-A). Found satisfactory. # Chapter 21 - Air Conditioning Overtemperature switch removed, tested and refitted i.a.w (AMM 12-B-21-40-06-00A-903A-A). Found satisfactory. P/N :9738132214 S/N :0129
 # Chapter 21 - Air Conditioning Duct overtemperature switch removed, tested and refitted i.a.w (AMM 12-B-21-60-05-00A-903A-A). Found satisfactory P/N : 9738132216 S/N :0107
 # Chapter 21 - Air Conditioning Vapor cycle compressor motor drive belt checked for tension i.a.w (AMM 12-B-21-50-01-00A-903A-A). Found satisfactory.
 # Chapter 21 - Air Conditioning Vapor cycle compressor motor Inspection/check carried out i.a.w (AMM 12-B-21-50-03-00A-313A-A). Found satisfactory.
 # Chapter 21 and 4 - Air Conditioning Pressurization Dump switch operational test carried out i.a.w (refer to AMM 12-B-21-30-00-00A-903A-A). Found satisfactory.
 # Chapter 22 - Auto Flight Servo mount (pitch, roll and yaw) Removed for clutch check. Clutch check carried out i.a.w (AMM 12-B-22-10-00-00A-313A-A) and refitted. Found satisfactory. # Chapter 24 - Electrical Power Generator 1 Brush inspection carried out i.a.w (AMM 12-B-24-30-01-00A-313A-A). Found satisfactory # Chapter 24 - Electrical Power Starter generator 2 Brush inspection carried out i.a.w (AMM12-B-24-30-01-00A-313A-A). Found satisfactory # . Chapter 24 - Electrical Power NiCad batteries removed and sent away for deep cycle. Deep cycle carried out i.a.w (AMM 12-B-24-30-07-00A-920B-A and CMM) Returned and refitted. Found satisfactory. Refer to subcons 3641 and 3642
 # Chapter 24 - Electrical Power Emergency Power Supply removed a capacitance test c/o i.a.w (AMM 12-B-24-52-51-00A-920A-A and CMM) every 12 months installed 12-B-AM-00-00-00-I Refer to subcon 3643 # Chapter 24 and 4 - Electrical Power Generator Control Unit (GCU) 1 and GCU 2 Functional test of the GCU 1 and GCU 2 over and under-voltage trip protection carried out i.a.w (Refer to AMM 12-B-71-00-00-00A-903DA). Found satisfactory
 # ELT battery checked . found serviceable . due in 01/2015
 # Chapter 25 Carried out ELT operational test i.a.w (12-B-25-63-00-00A-903A-A). Refer to subcon 3645 # Chapter 25 First Aid kit checked and re-certified. # Chapter - 26 Fire Protection Fire extinguisher checked and reweighed. # Chapter 4 &27 Horizontal stabilizer trim functional test of Trim Runaway Aural Warning System (FAA CMR) carried out in accordance with (AMM 12-B-27-40-00-00A-903A-A). Found satisfactory
 # Chapter 27 - Flight Controls Flight control cables including auto pilot and stick pusher cables Inspection/check carried out i.a.w (AMM 12-B-27-00-00-00A-313A-A). Found satisfactory # Chapter 27 - Flight Controls Flap actuators (black anodized) (PartNo. 978.73 20.307, 308 and 309) Backlash check carried out i.a.w (AMM 12-B-27-50-03-00A-313A-A). Found satisfactory L/H OUTBRD 0.009 L/H INBRD 0.008 R/H INBRD 0.008 R/H OUTBRD 0.009 # Chapter 30 - Ice and Rain Protection Airfoil de-icers applied a surface coating in accordance with the manufacturers instructions.
 # Chapter 34 - Navigation Static system Leak check carried out i.a.w (Ref. 12-B-34-11-00-00A-903A-A) Transponder system (single and dual systems)Functional test carried out i.a.w (Ref 12-B-34-54-00-00A-903- A-A).Standby magnetic compass swing checked i.a.w (Ref DM 12-B-34-21-00-00A-903- A-A).Refer to subcon 3644
 # Aircraft re-weighed Refer to subcon 3665 # SB 11-006: Oil and Oxygen placards P/N:511.21.12.195 Placard Mobile Jet ii Oil P/N:511.21.12.172 Placard Oxygen # SB 46-005 MFD PFD Wiring. # SB 34-039 : Pitot Tube Line Improvement.Refer to job 5835 Refer to job 5836 # R/H mainwheel tyre replaced.P/N:959.56.01.306 Tyre S/N OFF: 9026W100422 S/N ON: 2039S00450 P/N:959.56.01.647 O-ring Tq wrench used :S/N : # Chapter 34 Removed compass for overhaul - bubble in comoass

I hereby certify that the Scheduled Inspection / Maintenance recorded above has been carried out in accordance with the Civil Aviation Regulations, as amended, which are applicable hereto, have been complied with.

PILATUS CENTRE No. 2 AMO 1073

7/11/14.

Date:7/11/2014 **Signature:** **Stamp:**

...it the maintenance specified has
...ition Regulations 1997, as

SCHEDULE INSPECTION RECORD

SCHEDULED INSPECTIONS PERFORMED

DATE	Total Time	Landings/ Cycles	Inspection Type	Signature *	AMO/AME Licence number
7/11/14	251:9	196/183	PROP O/H.		PILATUS CENTRE No. 2 AMO 1073

SOUTH AFRICAN CIVIL AVIATION AUTHORITY

2. CERTIFICATE OF RELEASE TO SERVICE OF AN AIRCRAFT PART OR COMPONENT ISSUED BY AN APPROVED AIRCRAFT MAINTENANCE ORGANISATION

3. Certificate Ref. No. 22196

4. Approved Organisation Name and Address

Dart Aeronautical: Site 86 First Floor Rand Airport 1419

5. Work Order/ Contract/Invoice 3674

6. Item	7. Description	8. Part No.	9. Eli_bility*	10. Qty	11. Serial/Batch No.	12. Status/ Work
1	ELT	S1821502-02	N/A	1	2620241-0037	Replaced

13. Remarks:

Bench test and replace new battery, found satisfactory.

I.A.W PO# 14819

Limited life parts will normally be accompanied by maintenance history including life used.

14. ☐ X CAR 43.03.3 Release to Service ..... ☐ CAR 43.03.4 Release to Service

The organisation, referred to in block 4, hereby certifies that the work specified above, except as otherwise specified in block 13, was carried out in accordance with Part 43 of the SA-CAR and in respect to that work, the part(s) or component(s) is(are) considered ready for release to service. (See over)

15. Authorised Signature .....

16. Stamp

17. Approval Reference Number: AMO 051

18. Name ... Pieter Viljoen

19. Date (d/m/y) ... 26/11/2014

* Installer must cross-check eligibility with applicable technical data

NOTES:

1. It is important to understand that the existence of this document alone does not automatically constitute authority to install the part/component/assembly.

2. Where the user/installer works in accordance with the national regulations of an Airworthiness Authority different from the Airworthiness Authority specified in block 1 it is essential that the user/installer ensures that his/her Airworthiness Authority accepts parts/components/assemblies from the Airworthiness Authority specified in block 1.

3. Statement 14 does not constitute installation certification. In all cases the aircraft maintenance record must contain an installation certification issued in accordance with the national regulations by the user/installer before the aircraft may be flow

DART AERONAUTICAL CC
A.M.O 051

AERONAUTICAL HOUSE
FIRST FLOOR, SITE 86
RAND AIRPORT
TEL: (011) 827 0051
FAX: (011) 824 3070
E-MAIL: dartaero@mweb.co.za

CRMA No : 22196

CERTIFICATE RELATING TO MAINTENANCE OF AN AIRCRAFT
This constitutes an official CRMA and must be filed in the appropriate logbook.

AIRCRAFT TYPE:
AIRCRAFT SERIAL NUMBER:
REGISTRATION: ZS-SML ORDER: 3674
[redacted]
B/CARRY OUT ELT SYSTEM FUNCTION TEST IN-SITU, CLEAN
ALL CONNECTORS AND FOUND SATISFACTORY.
HEX: C82640746348E91
BATTERY EXPIRATION DATE: 10/2020
I.A.W SA CATS GMR 43.02.11

(Delete which is not applicable)
* A. The abovementioned equipment was overhauled, repaired and tested IAW Manufacturer's requirements.
* B. The abovementioned equipment installed IAW.

I HEREBY CERTIFY THAT, IN CARRYING OUT THE MAINTENANCE SPECIFIED ABOVE, ALL THE REQUIREMENTS PRESCRIBED IN THE SOUTH AFRICAN CIVIL AVIATION REGULATIONS WHICH ARE APPLICABLE THERE TO HAVE BEEN COMPILED WITH.

SIGNED _____ AMO LICENCE No. _____ DATE 27 NOVEMBER 2014

* Note: A signature in this column will be taken as certification that the maintenance specified has been carried out and all requirements as laid down in the Civil Aviation Regulations 1997, as amended have been met in every respect.

MAINTENANCE AND DEFECT RECTIFICATION OR ANY RELEVANT MATTER CONSIDERED NECESSARY TO RECORD OTHER THAN SCHEDULED INSPECTIONS

Type of maintenance performed	* Signature AMO/AME Licence number and Date

CERTIFICATE RELATING TO MAINTENANCE OF AN AIRCRAFT

PILATUS CENTRE SOUTHERN AFRICA

Pilatus PC-12 Centre Southern Africa (Pty) Ltd
AMO 1073
P.O. Box 602, Kelvin, 2054, Gauteng, South Africa

Registration: ZS –SML

Page: 1

Aircraft:	Pilatus	**Model:**	PC12/47E	**Serial No:**	1074
Engine:	P&W	**Model::**	PT6-67P	**Serial No:**	PCE-RY0076
Propeller	Hartzel	**Model**	HC-E4A-3D	**Serial No:**	KX 669
Airframe Hrs	251.9	**Engine Hrs**	251.9	**Prop Hrs TSO**	251.9 000.0
Landings	196	**Eng Cycles**	183	**Work Order:**	6170

AIRFRAME

 # Prop removed for 6 year O/H
 # Prop refitted after O/H , Torque wrench S/N 205130057 used

Dual inspection carried out by .....

PILATUS CENTRE No. 5 AMO 1073

I hereby certify that the Scheduled Inspection / Maintenance recorded above has been carried out in accordance with the Civil Aviation Regulations, as amended ,which are applicable hereto, have been complied with.

Date:7/11/2014 **Signature:** **Stamp:** PILATUS CENTRE No. 2 AMO 1073

PILATUS CENTRE No. 2 AMO 1073

** Note:* **A signature in this column will be taken as certification that the maintenance specified has been carried out and all requirements as laid down in the Civil Aviation Regulations 1997, as amended have been met in every respect.**

MAINTENANCE AND DEFECT RECTIFICATION OR ANY RELEVANT MATTER CONSIDERED NECESSARY TO RECORD OTHER THAN SCHEDULED INSPECTIONS

Type of maintenance performed

* Signature AMO/AME Licence number and Date

CERTIFICATE RELATING TO MAINTENANCE OF AN AIRCRAFT

PILATUS CENTRE SOUTHERN AFRICA

Pilatus PC-12 Centre Southern Africa (Pty) Ltd
AMO 1073
P.O. Box 602, Kelvin, 2054, Gauteng, South Africa

Registration: ZS -SML

Page: 1

Aircraft:	Pilatus	**Model:**	PC12/47E	**Serial No:**	1074
Engine:	P&W	**Model::**	PT6-67P	**Serial No:**	PCE-RY0076
Propeller	Hartzel	**Model**	HC-E4A-3D	**Serial No:**	KX669
Airframe Hrs	303.4	**Engine Hrs**	303.4	**Prop Hrs** **TSO (7/11/14)**	303.4 51.5
Landings	340	**Eng Cycles**	227	**Work Order:**	6506

AIRFRAME

 # Carried out service bulletin No: 27-021 Ref 331:Flight Controls - Aileron control system - aileron tab counter balance weights increased.

Did the procedure to balance the ailerons i.a.w SRM 51-60-01-00A-276A-A.
(2) Installed the left and right aileron i.a.w AMM 57-60-02-00A-920A-A.
Part Removed
P/N:527.15.12.102
Part Fitted
P/N:527.15.12.105
Note: The part removed has been discarded.

Andrew Clark Duplicate inspector

PILATUS CENTRE No. 1 AMO 1073

I hereby certify that the Scheduled Inspection / Maintenance recorded above has been carried out in accordance with the Civil Aviation Regulations, as amended ,which are applicable hereto, have been complied with.

Date: 23/03/2015 **Signature:** **Stamp:**

PILATUS CENTRE No. 2 AMO 1073

* *Note:* A signature in this column will be taken as certification that the maintenance specified has been carried out and all requirements as laid down in the Civil Aviation Regulations 1997, as amended have been met in every respect.

SCHEDULE INSPECTION RECORD

SCHEDULED INSPECTIONS PERFORMED

DATE	Total Time	Landings/ Cycles	Inspection Type	Signature *	AMO/AME Licence
13/11/2015	401.5	348/ 372	Annual		No. 5 AMO 1073

DART AERONAUTICAL CC
A.M.O 051

AERONAUTICAL HOUSE
FIRST FLOOR, SITE 86
RAND AIRPORT
TEL: (011) 827 8204
FAX: (011) 824 3670
E MAIL: dartaero@mweb.co.za

CERTIFICATE RELATING TO MAINTENANCE OF AN AIRCRAFT
This constitutes an official **CRMA** and must be fixed in the appropriate logbook.

CRMA No: **24803**

AIRCRAFT TYPE:
AIRCRAFT SERIAL NUMBER:
REGISTRATION ZS-SML ORDER 4369

	SERIAL No.	SPARES
A)CARRY OUT PITOT STATIC LEAK FUNCTION AND CALIBRATION		
TEST ON DUAL SYSTEM AND ADA. FOUND SATISFACTORY.		
I.A.W SA CATS 43.02.9		
B)CARRY OUT TRANSPONDER SYSTEM FUNCTION TEST		
IN-SITU AND FOUND SATISFACTORY.		
I.A.W SA CATS 43.02.10 I.A.W SA CATS 43.02.8/B		
C)CARRY OUT COMPASS SWING TO AIRPATH COMPASS AND		
TWO REMOTE COMPASS SYSTEMS APPLY ALL CORRECTIONS AND		
FIT DEVIATION CARDS.		
(RADIO/S ON)		

* A. The abovementioned equipment was ~~overhauled, repaired and~~ tested IAW. Manufacturer's requirements.
~~* B. The abovementioned equipment installed IAW.~~
Delete which is not applicable

I HEREBY CERTIFY THAT, IN CARRYING OUT THE MAINTENANCE SPECIFIED ABOVE, ALL THE REQUIREMENTS PRESCRIBED IN THE SOUTH AFRICAN CIVIL AVIATION REGULATIONS WHICH ARE APPLICABLE THERE TO HAVE BEEN COMPILED WITH

SIGNED _____ AMO LICENCE No. _____ DATE 13 NOVMBER 2015

DART AERONAUTICAL CC

A.M.O 051

AERONAUTICAL HOUSE
FIRST FLOOR, SITE 86
RAND AIRPORT
TEL: (011) 827 8204
FAX: (011) 824 3670
E MAIL: dartaero@mweb.co.za

CERTIFICATE RELATING TO MAINTENANCE OF AN AIRCRAFT
This constitutes an official **CRMA** and must be fixed in the appropriate logbook.

CRMA No: **24804**

AIRCRAFT TYPE:
AIRCRAFT SERIAL NUMBER:
REGISTRATION: ZS-SML ORDER: 4370

EQUIPMENT TYPE	SERIAL No.	SPARES
CARRY OUT ELT SYSTEM FUNCTIONAL TEST, IN-SITU		
CHECK CONNECTOR AND FOUND SATISFACTORY.		
HEX: CB264C746349E911		
BATTERY EXPIRATION DATE 12/2018		
I.A.W SA CATS 43.02.11		

* A. The abovementioned equipment was ~~overhauled, repaired and~~ tested IAW. Manufacturer's requirements.
~~* B. The abovementioned equipment installed IAW.~~
Delete which is not applicable

I HEREBY CERTIFY THAT, IN CARRYING OUT THE MAINTENANCE SPECIFIED ABOVE, ALL THE REQUIREMENTS PRESCRIBED IN THE SOUTH AFRICAN CIVIL AVIATION REGULATIONS WHICH ARE APPLICABLE THERE TO HAVE BEEN COMPILED WITH.

SIGNED _____ AMO LICENCE No. _____ DATE 11 NOVEMBER 2015

been carried out and all requirements as laid down in the Civil Aviation Regulations 1997, as amended have been met in every respect.

ance specified has

CERTIFICATE RELATING TO
MAINTENANCE OF AN AIRCRAFT

PILATUS CENTRE SOUTHERN AFRICA

IT MATTER INSPECTIONS

Pilatus PC-12 Centre Southern Africa (Pty) Ltd
AMO 1073
P.O. Box 602, Kelvin, 2054, Gauteng, South Africa

Registration: ZS-SML

Page: 1

Aircraft:	Pilatus	**Model:**	PC12/47E	**Serial No:**	1074
Engine:	P&W	**Model::**	PT6-67P	**Serial No:**	PCE-RY0076
Propeller	Hartzel	**Model**	HC-E4A-3D	**Serial No:**	KX669
Airframe Hrs	401.5	**Engine Hrs**	401.5	**Prop Hrs TSO**	401.5 149.6
Landings	348	**Eng Cycles**	372	**Work Order:**	7111/7119/7120

AIRFRAME

#Carried out Annual on airframe i.a.w Pilatus MM Chap 4 & 5 DOC 0 PC-12/47E REV 13, DATED 31/08/2015.150HR SCHEDULE #Chapter 4 & 27. Inboard flap drive arms Inspection/check carried out In-situ i.a.w (AMM12-B-27-51-00-00A-313A-A). Found satisfactory. ***FAA AD 2014-22-01. EASA AD AD No.: 2014-0170.***
#Chapter 4 ,27and 55. Horizontal stabilizer trim functional test of Trim Runaway Aural Warning System (FAA CMR) carried out in accordance with (DM12-B-27-40- 00-00A-903A-A). Found satisfactory.
#Chapter 4 & 21 E. ECS emergency shut-off system. Attached a spring balance to the ECS EMER SHUT-OFF lever. Pulled the lever and checked that the max pull force to open the ram air scoop was 22.5 lbf (100 N) and made sure that the ram air scoop was completely open.
#Chapter 21 - Air Conditioning. Pressurization safety valve removed, cleaned and refitted i.a.w (AMM12-B-21-30-02-00-A-250A-A). Found satisfactory.
#Chapter 21 - Air Conditioning. Vapor cycle compressor motor drive belt checked for tension i.a.w (Ref.12-B-21-50-01-00A-903-A-A). Found satisfactory. Vapor cycle brush inspection carried out i.a.w (Ref.12-B-21-50-03-00A-313-A-A). Found satisfactory. Electrical motor cleaned, carbon removed.
#Chapter 4 & 21 E. Pressurization dump switch operational test carried out i.a.w (refer to DM12-B-21-30-00-00A-903A-A). Found satisfactory.
#Chapter 5 - Corrosion inspection. Carried out 72 month corrosion inspection. Carried out inspection on all areas as per (AMM12-B-05-00-01-00A-010A-A). Found satisfactory
#Chapter 22 E- Auto Flight Servo mount (pitch, roll and yaw). Removed/fitted for clutch check i.a.w (Ref.12-B-22-10-00-00A-313A-A). Found satisfactory.
#Chapter 24 E- Electrical Power. Generator 1 & 2 brush inspection carried out i.a.w (Ref.12-B-24-30-01-00A-313-A-A). Found satisfactory. Electrical motor cleaned, carbon removed.
#Chapter 24 Electrical Power. Removed/fitted NiCad batteries for deep cycle i.a.w (AMM 12-B-24-30-07-00A-920B-A and CMM). Found satisfactory. ***Refer to subcons 4366 & 4367.***
#Chapter 24 - Electrical. Removed/fitted emergency power supply for a capacity test i.a.w (Ref. 12-B-24-52-51-00A-920A-A and CMM). ***Refer to subcon 4368.***
#Chap 4 & 24 E. Generator Control Unit (GCU) 1 and GCU 2 Functional test of the GCU 1 and GCU 2 over and under-voltage trip protection carried out i.a.w (Refer to DM12-B-24-30-00-00A-903A-A). Found satisfactory.
#Chapter 25ELT operational test carried out i.a.w (Ref.12-B-25-63-00-00A-903A-A). ***Refer to subcon 4370.***
#Chapter 26. First aid kit checked and recertified. ***Due 11/2016.***
#Chapter 26. Fire extinguisher checked and reweighed. ***Due 12/11/2016.***
#Chapter 27 - Flight Controls. Flap actuators (black anodized) (PartNo.978.73.20.307, 308 and 309) Lubricated i.a.w (Ref. 12-B-27-50-00-00A-902A-A).
#Chapter 27 - Flight Controls. Flap actuators (black anodized) (Part No.978.73.20.307, 308 and 309) Backlash check carried out i.a.w (Ref.12-B-27-50-03-00A-313-A-A). Found satisfactory.
Chapter 29 - Hydraulic Power. Hydraulic Low pressure switch replaced IAW AMM (12-B-29-10-03-00A-920A-A) 1 x P/N:973.81.14.307 ***S/N ON: 0890. S/N OFF: 1684 TTSN: 401.5. LCSN: 348.*** *Pressure Switch. 1 x P/N:946.91.27.103 O-ring.*
#Chapter 30 - Ice and Rain Protection. Airfoil de-icers: applied a surface coating in accordance with the manufacturers instructions.
#Chapter 32 - Landing Gear. Main and nose wheel bearings Lubricated i.a.w (Ref.12-B-12-20-06-00A-902A-A).
#Chapter 32 - Landing Gear. Main landing gear (DRAG/LINK) axles and bushes Inspection/check carried out i.a.w (Ref.12-B-32-10-00-00A-313-A-A).
Chapter 32 - Landing Gear. L/H MLG tyre replaced. P/N:959.56.01.306 ***Tyre. S/N OFF:9022W00299. TSN: 256.2 LCSN: 249. S/N ON:4014S00295.*** *.P/N:959.56.01.647 O-ring. TQ wrench used S/N: 0608796943*
#Chapter 34 - Navigation. Static system Leak check carried out i.a.w (Ref.12-B-34-11-00-00A-903A-A). Transponder system (single and dual systems) Functional test carried out i.a.w (Ref.12-B-34-54-00-00A-903-A-A).Standby magnetic compass swing checked i.a.w (Ref.DM12-B-34-21-00-00A-903-A-A). ***Refer to subcon 4369.***
#Chapter 35 - Oxygen. Passenger oxygen masks Inspection/check carried out i.a.w (Ref.12-B-35-20-00-00A-313-A-A). Found satisfactory.
#Chapter 76 - Engine Controls. Propeller feathering microswitches functional test carried out i.a.w (AMM12-B-76-10-02-00-A-903A-A). Found satisfactory.
#Beta block replaced.P/N: A3026.

***# Carried out SB 11-005 Ref 287**: Placards and Markings - External Placards - Replaced the Fuel Filler Placards.*
#Carried out SB 22-006 Ref 328**: Autoflight - Autopilot software modifictaion to the KSA 2700 autopilot servo.* ***Refer to job 7119.

I hereby certify that the Scheduled Inspection / Maintenance recorded above has been carried out in accordance with the Civil Aviation Regulations, as amended ,which are applicable hereto, have been complied with.

Date: 13/11/2015 **Signature:** **Stamp:** PILATUS CENTRE No. 5 AMO 1073

• Signature AMO/AME Licence number and Date

13/11/2015 PILATUS CENTRE No. 5 AMO 1073

ce specified has
1997, as

SCHEDULE INSPECTION RECORD

SCHEDULED INSPECTIONS PERFORMED					
DATE	Total Time	Landings/ Cycles	Inspection Type	Signature *	AMO/AME Licence number
30.3.2016	505.2		SNAGS		PILATUS CENTRE No. 3 AMO 1073

** Note:* A signature in this column will be taken as certification that the maintenance specified has been carried out and all requirements as laid down in the Civil Aviation Regulations 1997, as amended have been met in every respect.

MAINTENANCE AND DEFECT RECTIFICATION OR ANY RELEVANT MATTER CONSIDERED NECESSARY TO RECORD OTHER THAN SCHEDULED INSPECTIONS

Type of maintenance performed	* Signature AMO/AME Licence number and Date

CERTIFICATE RELATING TO MAINTENANCE OF AN AIRCRAFT

PILATUS CENTRE SOUTHERN AFRICA

Pilatus PC-12 Centre Southern Africa (Pty) Ltd
AMO 1073
P.O. Box 602, Kelvin, 2054, Gauteng, South Africa

Registration: ZS-SML

Page: 1

Aircraft:	Pilatus	**Model:**	PC12/47 E	**Serial No:**	1074
Engine:	P&W	**Model::**	PT6-67P	**Serial No:**	PCE-RY0076
Propeller	Hartzel	**Model**	HC-E4A-3D	**Serial No:**	KX669
Airframe Hrs	505.2	**Engine Hrs**	505.2	**Prop Hrs**	505.2
Landings		**Eng Cycles**		**Work Order:**	7452

AIRFRAME

Chapter 32 L/H Main landing gear tyre replaced i.a.w goodrich CMM P/N 3-1543.. P/N:959.56.01.306 Tyre S/N OFF:4014S00271 S/N ON:4011S00278 P/N:959.56.01.647 O-ring TQ wrench used S/N:0608796943 Carried out eddy current check of rim i.a.w goodrich CMM P/N3-1543 CH 32-45-79 PAGE 504 TO 505. Carried out Magnetic particle inspection of bolts. **Refer to subcon 4645**
Chapter 32 R/H Main landing gear tyre replaced i.a.w goodrich CMM P/N 3-1543. P/N959.56.01.306 Tyre S/N OFF:4014S00288, S/N ON:4013S00276 P/N:959.56.01.647 O-ring TQ wrench used S/N:0608796943 Carried out eddy current check of rim i.a.w goodrich CMM P/N3-1543 CH 32-45-79 PAGE 504 TO 505. Carried out Magnetic particle inspection of bolts. **Refer to subcon 4646**
Fuselage plugs replaced. 6 x P/N:959.56.01.636 Fuselage Plugs , 6 x P/N:959.56.01.648 O-ring

I hereby certify that the Scheduled Inspection / Maintenance recorded above has been carried out in accordance with the Civil Aviation Regulations, as amended ,which are applicable hereto, have been complied with.

Date: 30·3·2016 **Signature:** **Stamp:** PILATUS CENTRE No. 3 AMO 1073

PILATUS CENTRE No. 3 AMO 1073

30/4/2016

** Note:* A signature in this column will be taken as certification that the maintenance specified has been carried out and all requirements as laid down in the Civil Aviation Regulations 1997, as amended have been met in every respect.

SCHEDULE INSPECTION RECORD

SCHEDULED INSPECTIONS PERFORMED					
DATE	Total Time	Landings/ Cycles	Inspection Type	Signature *	AMO/AME Licence number
06/05/2016	533.2	613/500	150HR.		PILATUS CENTRE No. 5 AMO 1073

* *Note:* A signature in this column will be taken as certification that the maintenance specified has been carried out and all requirements as laid down in the Civil Aviation Regulations ~~1997~~, as amended have been met in every respect.

MAINTENANCE AND DEFECT RECTIFICATION OR ANY RELEVANT MATTER CONSIDERED NECESSARY TO RECORD OTHER THAN SCHEDULED INSPECTIONS

CERTIFICATE RELATING TO
MAINTENANCE OF AN AIRCRAFT

PILATUS CENTRE SOUTHERN AFRICA

* Signature AMO/AME Licence number and Date

Pilatus PC-12 Centre Southern Africa (Pty) Ltd
AMO 1073
P.O. Box 602, Kelvin, 2054, Gauteng, South Africa

Registration: **ZS-SML**

Page: 1

Aircraft:	Pilatus	**Model:**	PC12/47 E	**Serial No:**	1074
Engine:	P&W	**Model::**	PT6-67P	**Serial No:**	PCE-RY0076
Propeller	Hartzell	**Model**	HC-E4A-3D	**Serial No:**	KX669
Airframe Hrs	533.2	**Engine Hrs**	533.2	**Prop Hrs TSO (NOV 2014)**	533.2 281.3
Landings	613	**Eng Cycles**	500	**Work Order:**	7506, 7509

AIRFRAME

#Carried out 100/150 Hr on airframe i.a.w Pilatus MM Chap 4 & 5 DOC 02300 PC-12/47E REV 14 NOV 2015. ***150HR SCHEDULE J15/SML***
#Chapter 4 & 27 Inboard flap drive arms Inspection/check carried out In-situ i.a.w (AMM12-B-27-51-00-00A-313A-A). Found satisfactory. ***FAA AD 2014-22-01 (EASA AD No 2014-0170)***
#Chapter 32 - Main landing gear leg forward attachment bolt and rear attachment bolt and nut examined i.a.w (refer to AMM12-B-32-10-00-00A-310A-A or 12-B-32-10-00-00A-310B-A). Found satisfactory.
#Chapter 32 - Main landing gear actuator top and bottom attachment bolts and nuts 6 years examined i.a.w (refer to AMM12-B-32-10-00-00A-310A-A or 12-B-32-10-00-00A-310B-A). Found satisfactory.
#Chapter 32 - Main landing gear shock absorber top and bottom attachment bolts and nuts examined i.a.w (refer to AMM 12-B-32-10-00-00A-310A-A or 12-B-32-10-00-00A-310B-A). Found satisfactory.
#Chapter 21 - Air Conditioning. Cold air unit re-oiled i.a.w (Ref.12-B-21-40-02-00A-902A-A).
Heat exchanger matrix Inspection/check carried out i.a.w (Ref.12-B-21-40-02-00A-313-A-A).
Water separator condenser cleaned i.a.w (Ref.12-B-21-40-03-00A-250A-A).
#Chapter 24 E - Electrical Power. Generator 1 & Starter generator 2 brush inspection carried out i.a.w (Ref.12-B-24-30-01-00A-313-A-A). Found satisfactory. Electrical motor cleaned, carbon removed.
#Chapter 24 Electrical Power. Removed/fitted NiCad batteries for deep cycle carried out i.a.w (AMM12-B-24-30-07-00A-920B-A and CMM). Refer to ***subcons 4683 & 4684***
#Chapter 27 - Flight Controls. Flap actuators (black anodized) (PartNo.978.73.20.307, 308 and 309) Lubricated i.a.w (Ref.12-B-27-50-00-00A-902A-A).
#Chapter 27 - Flight Controls. Flap up and down limit switches servicing carried out i.a.w (AMM12-B-12-20-07-00A-902A-A). Found satisfactory.
#Chapter 30 - Ice and Rain Protection.
Airfoil de-icers: applied a surface coating in accordance with the manufacturers instructions.
#Carried out SB 45-012 Ref.322: Central Maintenance System - Central Computer - Upgraded the Honeywell Primus APEX Operational Software to Build 8.8 - Refer to job 7509
 # L/H & R/H fuel filler cap o-rings replaced. P/N: 946.91.27.446
 # R/H wing root fairing screws replaced 36 x P/N:933.45.16.141
 # R/H strobe light assembly replaced. P/N:972.87.87.322 S/N OFF: 33880 (TSN: 533.2HRS, 500EC, 613LC) S/N ON: 29282015 (REPAIRED)
#Chapter 61 - Removed/fitted propeller ***P/N HC-E4A-3D S/N: KX669*** *for re-spray. Ref 12-B-61-10-01-00A-920A-A*
Refer to subcon 4686

Duplicate inspection:

PILATUS CENTRE No. 2 AMO 1073

Mike Pike AME 0272010752

I hereby certify that the Scheduled Inspection / Maintenance recorded above has been carried out in accordance with the Civil Aviation Regulations, as amended ,which are applicable hereto, have been complied with

Date: 06/05/2016 **Signature:** **Stamp:** PILATUS CENTRE No. 5 AMO 1073

06/05/2016 PILATUS CENTRE No. 5 AMO 1073

[illegible] specified has been carried out and all requirements as laid down in the Civil Aviation Regulations 1997, as amended have been met in every respect.

SCHEDULE INSPECTION RECORD

SCHEDULED INSPECTIONS PERFORMED					
DATE	Total Time	Landings/ Cycles	Inspection Type	Signature *	AMO/AME Licence number
28/06/2016	584.9	665/552	SB's		PILATUS CENTRE No. 5 AMO 1973
19/10/2016	680.0	712/696	SNAG.		PILATUS CENTRE No. 5 AMO 1973

** Note:* A signature in this column will be taken as certification that the maintenance specified has been carried out and all requirements as laid down in the Civil Aviation Regulations ~~1997~~, as amended have been met in every respect.

MAINTENANCE AND DEFECT RECTIFICATION OR ANY RELEVANT MATTER CONSIDERED NECESSARY TO RECORD OTHER THAN SCHEDULED INSPECTIONS

Type of maintenance performed	* Signature AMO/AME Licence number and Date

CERTIFICATE RELATING TO MAINTENANCE OF AN AIRCRAFT

PILATUS CENTRE SOUTHERN AFRICA

Pilatus PC-12 Centre Southern Africa (Pty) Ltd
AMO 1073
P.O. Box 602, Kelvin, 2054, Gauteng, South Africa

Registration: ZS-SML

Page: 1

Aircraft:	Pilatus	**Model:**	PC12/47 E	**Serial No:**	1074
Engine:	P&W	**Model::**	PT6-67P	**Serial No:**	PCE-RY0076
Propeller	Hartzell	**Model**	HC-E4A-3D	**Serial No:**	KX669
Airframe Hrs	584.9	**Engine Hrs**	584.9	**Prop Hrs TSO (NOV 2014)**	584.9
Landings	665	**Eng Cycles**	552	**Work Order:**	7671 & 7672

AIRFRAME

#CARRIED OUT SB 45-014 REF 350 *- CENTRAL MAINTENANCE SYSTEM - CENTRAL COMPUTER - UPGRADE THE HONEYWELL PRIMUS APEX OPERATIONAL SOFTWARE TO BUILD 10.9*
#REPLACED CG100P CONNECTED GATEWAY ***P/N: 975.96.32.456 S/N OFF: 2067 S/N ON: 2693***
#Carried out ***SB 46-006 Ref.338****: Systems integration and display wireless data loading system (connected flight deck) software upgraded.*

I hereby certify that the Scheduled Inspection / Maintenance recorded above has been carried out in accordance with the Civil Aviation Regulations, as amended ,which are applicable hereto, have been complied with.

Date: 25/06/2016 **Signature:** **Stamp:** PILATUS CENTRE No. 5 AMO 1073

25/06/2016 PILATUS CENTRE No. 5 AMO 1073

CERTIFICATE RELATING TO MAINTENANCE OF AN AIRCRAFT

PILATUS CENTRE SOUTHERN AFRICA

Pilatus PC-12 Centre Southern Africa (Pty) Ltd
AMO 1073
P.O. Box 602, Kelvin, 2054, Gauteng, South Africa

Registration: ZS -SML

Page: 1

Aircraft:	Pilatus	**Model:**	PC12/47E	**Serial No:**	1074
Engine:	P&W	**Model::**	PT6-67P	**Serial No:**	PCE-RY0076
Propeller	Hartzel	**Model**	HC-E4A-3D	**Serial No:**	KX669
Airframe Hrs	680.0	**Engine Hrs**	680.0	**Prop Hrs TSO (7/11/14)**	680.0 428.1
Landings	712	**Eng Cycles**	696	**Work Order:**	7951

AIRFRAME

#Replaced AGM1 - P/N OFF: 7036410-1902 S/N OFF: 08060272 (TSN: 680.0 HRS, 696 EC, 712 LC) P/N ON: 7036410-1904 S/N ON: 1407B410 (TSN: UNK)

I hereby certify that the Scheduled Inspection / Maintenance recorded above has been carried out in accordance with the Civil Aviation Regulations, as amended ,which are applicable hereto, have been complied with.

Date: 19/10/2016 **Signature:** **Stamp:** PILATUS CENTRE No. 5 AMO 1073

19/10/2016 PILATUS CENTRE No. 5 AMO 1073

e specified has
~~1097~~, as

SCHEDULE INSPECTION RECORD

SCHEDULED INSPECTIONS PERFORMED					
DATE	Total Time	Landings/ Cycles	Inspection Type	Signature *	AMO/AME Licence number
17/11/16	686,8	664 651	Annual		PILATUS CENTRE No. 5 AMO 1073

* *Note:* A signature in this column will be taken as certification that the maintenance specified has been carried out and all requirements as laid down in the Civil Aviation Regulations ~~1997~~; as amended have been met in every respect.

MAINTENANCE AND DEFECT RECTIFICATION OR ANY RELEVANT MATTER CONSIDERED NECESSARY TO RECORD OTHER THAN SCHEDULED INSPECTIONS

Type of maintenance performed	* Signature AMO/AME Licence number and Date

CERTIFICATE RELATING TO MAINTENANCE OF AN AIRCRAFT

PILATUS CENTRE SOUTHERN AFRICA

Pilatus PC-12 Centre Southern Africa (Pty) Ltd
AMO 1073
P.O. Box 602, Kelvin, 2054, Gauteng, South Africa

Registration: ZS -SML

Page: 1

Aircraft:	Pilatus	**Model:**	PC12/47E	**Serial No:**	1074
Engine:	P&W	**Model::**	PT6-67P	**Serial No:**	PCE-RY0076
Propeller	Hartzel	**Model**	HC-E4A-3D	**Serial No:**	KX669
Airframe Hrs	686.8	**Engine Hrs**	686.8	**Prop Hrs TSO (7/11/14)**	686.8 434.9
Landings	664	**Eng Cycles**	651	**Work Order:**	7997

AIRFRAME

 # Carried out Annual 100/150 Hr E on airframe i.a.w Pilatus MM Chap 4 & 5 DOC 02300 PC-12/47E REV 15. JUL 2016. 150HR SCHEDULE J15/SML #Chapter 34 - Navigation. Static system Leak check carried out i.a.w (Ref.12-B-34-11-00-00A-903A-A).Transponder system (single and dual systems) Functional test carried out i.a.w (Ref.12-B-34-54-00-00A-903-A-A).Standby magnetic compass swing check carried out i.a.w (Ref. DM 12-B-34-21-00-00A-903-A-A). Refer to Subcon: 5046#Chapter 25 - First aid kit – recertified #Chapter 26 - Fire extinguisher – Contents checked and found within limits #Chapter 25 - Removed ELT for bench test in accordance with the manufacturer's instructions. EF: SA CATS 43.02.11. 24 Months Refer to Subcon: 5048#Chapter 25 ELT - operational test carried out(12-B-25-63-00-00A-903A-A)Refer to Subcon: 5047 #Chapter 4 27 Inboard flap drive arms Every 150 flying hours or at Annual Inspection, whichever comes first In-situ Inspection/Check carried out and found satisfactory i.a.w AMM 12-B-27-51-00-00A-313A-A FAA AD 2014-22-01 EASA AD AD No.: 2014-0170 #Chapter 4 ,27and 55. Horizontal stabilizer trim Every 3000 flying hours or at Annual Inspection, whichever comes first functional test of Trim Runaway Aural Warning System carried out(FAA CMR) in accordance with (DM 12-B-27-40- 00-00A-903A-A). #Chapter 21 - Cabin positive pressure relief Functional test carried out i.a.wAMM 12-B-21-30-00-00A-903A-A #Chapter 22 E- Auto Flight Servo mount (pitch, roll and yaw). Removed for clutch check and found Satisfactory i.a.w (Ref. 12-B-22-10-00-00A-313A-A) #Chapter 24 - NiCad batteries - Removed and serviced AMM 12-B-24-30-07-00A-920B-ARefer to Subcon: 5022 & 5023 #Chapter 24 E- Electrical Power. Generator 1 & 2 brush inspection carried out i.a.w(Ref.12-B-24-30-01-00A-313-A-A) found brushes worn to limits. ***Generator 1&2 brushes and bearings replaced.Refer to Subcon: 5025 & 5026*** *#Chapter 24 - Electrical. Power Emergency Power Supply removed and capacity test carried out i.a.w (Ref. 12-B-24-52-51-00A-920A-A and CMM) Refer to Subcon: 5024 #Chapter 27 - Flight Controls. Flap actuators (black anodized) (Part No. 978.73.20.307, 308 and 309) Lubricated i.a.w (Ref. 12-B-27-50-00-00A-902A-A) #Chapter 27 - Flight Controls. Flap actuators (black anodized) (Part No. 978.73.20.307, 308 and 309) Backlash check carried out i.a.w (Ref.12-B-27-50-03-00A-313- A-A) #Chapter 5 & 27 - Flap up and down limit switches Serviced i.a.w AMM 12-B-12-20-07-00A-902A-A #Chapter 30 - Ice and Rain Protection. Airfoil de-icers applied a surface coating in accordance with the manufacturers instructions #Chapter 32 - Landing Gear. Main and nose wheel bearings Lubricated i.a.w (Ref. 12-B- 12-20-06-00A-902A-A). #Chapter 32 - Landing Gear. Main landing gear axles and bushes (DRAG/LINK) Inspected/checked and found satisfactory i.a.w (Ref.12-B-32-10-00-00A-313-A-A) #Chapter 76 - Engine Controls Propeller feathering microswitches functional test carried out i.a.w (AMM 12-B-76-10-02-00-A-903A-A) #Chapter 27- Flight Controls- Checked Tension of the Aileron Control Cables(Autopilot Cables included)12-B-27-10-00-00A-903A-A Checked Tension of the Rudder Control cables(Autopilot Cables included) i.a.w 12-B-27-20-00-00A-903A-A CheckedTension of the Elevator Control Cables (Autopilot and Stick Pusher cables included) 12-B-27-30-00-00A-903A-A. All cables adjusted according to the graph #Chapter 32 - Nose Landing gear tyre IAW Goodrich CMM P/N 3--15013 replace NLG TYRE tyre P/N 9595602311 O-ring9595601650 S/N OFF: 802S00225, S/N ON: 3353S00105, TQ wrench used s/n: 0408301452*

I hereby certify that the Scheduled Inspection / Maintenance recorded above has been carried out in accordance with the Civil Aviation Regulations, as amended ,which are applicable hereto, have been complied with.

Date: 17 November 2016 **Signature:** **Stamp:** PILATUS CENTRE No. 5 AMO 1073

PILATUS CENTRE No. 5 AMO 1073 17/11/16

Note: **A signature in this column will be taken as certification that the maintenance specified has been carried out and all requirements as laid down in the Civil Aviation Regulations ~~1997~~, as amended have been met in every respect.**

SCHEDULE INSPECTION RECORD

SCHEDULED INSPECTIONS PERFORMED					
DATE	Total Time	Landings/ Cycles	Inspection Type	Signature *	AMO/AME Licence number
24/3/2017	722.5	720/703	SNAGS		PILATUS CENTRE No. 5 AMO 1073
14/06/2017	780.0	779/750	SNAGS		PILATUS CENTRE No. 5 AMO 1073

** Note:* A signature in this column will be taken as certification that the maintenance specified has been carried out and all requirements as laid down in the Civil Aviation Regulations 1987, as amended have been met in every respect.

MAINTENANCE AND DEFECT RECTIFICATION OR ANY RELEVANT MATTER CONSIDERED NECESSARY TO RECORD OTHER THAN SCHEDULED INSPECTIONS

* Signature AMO/AME Licence number and Date

Type of maintenance performed
CERTIFICATE RELATING TO
MAINTENANCE OF AN AIRCRAFT

PILATUS CENTRE SOUTHERN AFRICA

Pilatus PC-12 Centre Southern Africa (Pty) Ltd
AMO 1073
P.O. Box 602, Kelvin, 2054, Gauteng, South Africa

Registration: ZS -SML

Page: 1

Aircraft:	Pilatus	**Model:**	PC12/47E	**Serial No:**	1074
Engine:	P&W	**Model::**	PT6-67P	**Serial No:**	PCE-RY0076
Propeller	Hartzel	**Model**	HC-E4A-3D	**Serial No:**	KX669
Airframe Hrs	722.5	**Engine Hrs**	722.5	**Prop Hrs** **TSO (7/11/14)**	722.5 470.6
Landings	720	**Eng Cycles**	703	**Work Order:**	8292

AIRFRAME

#Chapter 24 - NiCad batteries – Removed and sent for deep cycle. Returned and re-installed. AMM 12-B-24-30-07-00A-920B-A. ***Refer to subcon: 5255 & 5257***
#Chapter 25 - ELT - operational test carried out. (12-B-25-63-00-00A-903A-A)
Refer to subcon: 5258
#Chapter 25 - Removed ELT for bench test in accordance with the manufacturer's instructions. ELT re-installed. REF: SA CATS 43.02.11. ***Refer to subcon: 5259***
#Replaced seat mounting bracket: 1 x P/N: 9593001699 (431002-27)

I hereby certify that the Scheduled Inspection / Maintenance recorded above has been carried out in accordance with the Civil Aviation Regulations, as amended ,which are applicable hereto, have been complied with.

Date: 24/03/2017 **Signature:** **Stamp:** PILATUS CENTRE No. 5 AMO 1073

24/03/2017.

CERTIFICATE RELATING TO
MAINTENANCE OF AN AIRCRAFT

PILATUS CENTRE SOUTHERN AFRICA

Pilatus PC-12 Centre Southern Africa (Pty) Ltd
AMO 1073
P.O. Box 602, Kelvin, 2054, Gauteng, South Africa

Registration: ZS -SML

Page: 1

Aircraft:	Pilatus	**Model:**	PC12/47E	**Serial No:**	1074
Engine:	P&W	**Model::**	PT6-67P	**Serial No:**	PCE-RY0076
Propeller	Hartzel	**Model**	HC-E4A-3D	**Serial No:**	KX669
Airframe Hrs	780.0	**Engine Hrs**	780.0	**Prop Hrs** **TSO (7/11/14)**	780.0 528.1
Landings	779	**Eng Cycles**	750	**Work Order:**	8534

AIRFRAME

#Chapter 24 - Replaced Ni-Cad battery P/N: 97617.31.302
S/N OFF: 10802472 (TSN: 780.0HRS, LC: 779 EC: 750)
S/N ON: 11701201 (NEW)

I hereby certify that the Scheduled Inspection / Maintenance recorded above has been carried out in accordance with the Civil Aviation Regulations, as amended ,which are applicable hereto, have been complied with.

Date: 14/06/2017 **Signature:** **Stamp:** PILATUS CENTRE No. 5 AMO 1073

14/06/2017

** Note:* A signature in this column will be taken as certification that the maintenance specified has been carried out and all requirements as laid down in the Civil Aviation Regulations ~~1997~~ as amended have been met in every respect.

SCHEDULE INSPECTION RECORD

SCHEDULED INSPECTIONS PERFORMED

DATE	Total Time	Landings/ Cycles	Inspection Type	Signature *	AMO/AME Licence number
14-08-17	828.1	854/ 824	Annual		

PILATUS CENTRE No. 10 AMO 1073

CERTIFICATE RELATING TO MAINTENANCE

Hangar 947, Gate 5, Lanseria Airport, Tel: 011 701 3000, Tel: 011 659 1011, Email: Workshops@aerosafe-africa.co.za

AES

AMO NUMBER:	CERTIFICATE NUMBER:	JOB NUMBER:	AIRCRAFT REGISTRATION:
1011 FALA	12508	26129	ZS-SML

AIRCRAFT TYPE:	AIRCRAFT S/N:	COMPONENT TYPE:	COMPONENT P/N:	COMPONENT S/N:	STATUS / WORK
N/A	N/A	MAIN BATTERY	31406-002	11701201	DEEP CYCLE

Maintenance Description

Deep cycle carried out on Ni-cad battery
All cells passed test 100%.
Top charged electrolytes levels topped up per cell
Unit found serviceable

Manual: 24-34-00 Rev: 13, 09 OCTOBER 2015

I hereby certify that in carrying out the foregoing specified maintenance, all the requirements prescribed in the Civil Aviation Regulations, 2011, or appropriate authority which are applicable hereto, have been complied with.

Signature of A/C Maintenance Engineer/Organisation	License or other Approval number	Date of Issue
CA 43-C-03	21 DECEMBER 2016	2017-08-07
	PAGE 1 OF 1	

CERTIFICATE RELATING TO MAINTENANCE

Hangar 947, Gate 5, Lanseria Airport, Tel: 011 701 3000, Tel: 011 659 1011, Email: Workshops@aerosafe-africa.co.za

AES

AMO NUMBER:	CERTIFICATE NUMBER:	JOB NUMBER:	AIRCRAFT REGISTRATION:
1011 FALA	12509	26130	ZS-SML

AIRCRAFT TYPE:	AIRCRAFT S/N:	COMPONENT TYPE:	COMPONENT P/N:	COMPONENT S/N:	STATUS / WORK
N/A	N/A	MAIN BATTERY	31406-002	10602471	DEEP CYCLE

Maintenance Description

Deep cycle carried out on Ni-cad battery.
All cells passed test 100%.
Top charged, electrolytes levels topped up per cell.
Stripped, cleaned and re-assembled.
Unit found serviceable.

Manual: 24-34-00 Rev: 13, 09 OCTOBER 2015

I hereby certify that in carrying out the foregoing specified maintenance, all the requirements prescribed in the Civil Aviation Regulations, 2011, or appropriate authority which are applicable hereto, have been complied with.

Signature of A/C Maintenance Engineer/Organisation	License or other Approval number	Date of Issue
CA 43-C-03	21 DECEMBER 2016	2017-08-07
	PAGE 1 OF 1	

DART AERONAUTICAL CC
A.M.O 051

2 AUTHORISED RELEASE CERTIFICATE

CA 21 19 AIRWORTHINESS APPROVAL TAG

1. 2. 3. Form Tracking Number: 29075

4. Organisation Name and Address: Dart Aeronautical: Site 88, First Floor, Rand Airport, 1419

5. Work order / contract / Invoice Number: 5547 ZS-SML

6. Item:	7. Description:	8. Part No:	9. Eligibility: *	10. Quantity:	11. Serial / Batch No:	12. Status / Work:
1	Airpath Compass	C2350L4M2358	N/A	1	AT-917	Overhaul

13. Remarks:
Bench test Airpath compass, carry out full overhaul, static balance, refurbish, leak test, seal and found satisfactory

I.A.W MAN# 05-15-606 REV 1 DEC 1957

19 ☐ Part 43 Release to Service.
☐ Other regulation specified in block 13

Certifies that unless otherwise specified in Block 13 and the work identified in block 12 and described in Blocks 13 was accomplished in accordance with Civil aviation Regulations, part 43 and in respect to that work, the items are approved for return to service.

18. Authorised Signature	18. Approval/Authorisation No.	20. Authorised Signature	21. Organisation Approval Ref No.
19. Name	19. Date (YY/MM/DD)	22. Name: Jaco Kelly	Date (YY/MM/DD): 17/08/01

*Installer must cross check eligibility with applicable technical data.

USER / INSTALLER RESPONSIBILITIES

1. It is important to understand that the existence of this document alone does not automatically constitute authority to install the part/component/assembly.
2. Where the user/installer performs work in accordance with the national regulations of an Airworthiness Authority different form the Airworthiness Authority of the country specified in block 1, it is essential that user/installer ensures that his/her Airworthiness Authority accepts parts/components/assemblies from the Airworthiness Authority of the country specifies in block 1.
3. Statement 14 and 19 do not constitute installation certification. In all cases, aircraft maintenance records must contain an installation certification issued in accordance with the national regulations by the user/installer before the aircraft may be flown.

CERTIFICATE RELATING

AMO NUMBER:	CERTIFICATE NUMBER:	2
1011 FALA	12512	

AIRCRAFT TYPE:	AIRCRAFT S/N:	COMPONENT
PC-12/47E	1074	Emergency

Maintenance Description
Unit stripped and inspected.
Capacity test carried out on cells.
Cells passed.
Top charged cells.
Re-assembled unit.
Bench tested and found to be servicable.

Manual: TP-483 24-30-08

I hereby certify that in carrying out the foregoing specified maintenance, all the requirements prescribed in the Civil Aviation Regulations, 2011, or appropriate authority which are applicable hereto, have been complied with.

Signature of A/C Maintenance Engineer/Organisation CA 43-C-03

DART AERONAUTICAL CC
A.M.O 051

CERTIFICATE RELATING TO MAINTENANCE OF AN AIRCRAFT
This constitutes an official CRMA and must be fixed in the appropriate logbook.
CRMA No 29074
AIRCRAFT TYPE
AIRCRAFT SERIAL NUMBER:
REGISTRATION ZS-SML ORDER 6646

EQUIPMENT TYPE	SERIAL NO.	SPARES
BIC CARRY OUT TRANSPONDER SYSTEM FUNCTIONAL TEST		
ON DUAL SYSTEM TEST & MODE FOUND SATISFACTORY		
S-MODE HEX ADD 008GDC		
I A W SA CATS 43 02 10		

* A The abovementioned equipment was overhauled repaired and tested IAW Manufacturer's requirements
* B The abovementioned equipment installed IAW

I HEREBY CERTIFY THAT IN CARRYING OUT THE MAINTENANCE SPECIFIED ABOVE, ALL THE REQUIREMENTS PRESCRIBED IN THE SOUTH AFRICAN CIVIL AVIATION REGULATIONS WHICH ARE APPLICABLE THERE TO HAVE BEEN COMPILED WITH

SIGNED AMO LICENCE No DATE 04/08/2017

aken as certificati
d down in the Civ

CERTIFICATE RELATING TO MAINTENANCE OF AN AIRCRAFT
This constitutes an official CRMA and must be fixed in the appropriate logbook
CRMA No. 29073
AIRCRAFT TYPE
AIRCRAFT SERIAL NUMBER:
REGISTRATION ZS-SML ORDER 6646

EQUIPMENT TYPE	SERIAL NO.	SPARES
CARRY OUT ELT SYSTEM FUNCTIONAL TEST IN-S TU CHECK		
CONNECTORS AND FOUND SATISFACTORY		
HEX CODE C8264 C7463 49E91		
BATT EXPIRY 10/2020		
I A W SA CATS 43 02 11		

* A The abovementioned equipment was overhauled repaired and tested IAW Manufacturer's requirements
* B The abovementioned equipment installed IAW

I HEREBY CERTIFY THAT IN CARRYING OUT THE MAINTENANCE SPECIFIED ABOVE, ALL THE REQUIREMENTS PRESCRIBED IN THE SOUTH AFRICAN CIVIL AVIATION REGULATIONS WHICH ARE APPLICABLE THERE TO HAVE BEEN COMPILED WITH

SIGNED AMO LICENCE No DATE 04/08/2017

MAINTENANCE AND DEFECT RECTIFICATION OR ANY RELEVANT MATTER CONSIDERED NECESSARY TO RECORD OTHER THAN SCHEDULED INSPECTIONS

CERTIFICATE RELATING TO
MAINTENANCE OF AN AIRCRAFT

PILATUS CENTRE SOUTHERN AFRICA

Pilatus PC-12 Centre Southern Africa (Pty) Ltd
AMO 1073
P.O. Box 602, Kelvin, 2054, Gauteng, South Africa

Registration: ZS -SML

Page: 1

Aircraft:	Pilatus	**Model:**	PC12/47E	**Serial No:**	1074
Engine:	P&W	**Model::**	PT6-67P	**Serial No:**	PCE-RY0076
Propeller	Hartzel	**Model**	HC-E4A-3D	**Serial No:**	KX669
Airframe Hrs	828.1	**Engine Hrs**	828.1	**Prop Hrs TSO (7/11/14)**	828.1 576.2
Landings	854	**Eng Cycles**	824	**Work Order:**	8648

AIRFRAME

 # Carried out Annual 100/150 Hr E on airframe i.a.w Pilatus MM Chap 4 & 5 DOC 02300 PC-12/47E REV 17. 21 JUL 2017.
#Chapter 4 Inboard flap drive arms Inspection/check carried out In-situ i.a.w (refer to AMM12-B-27-51-00-00A-313A-A)
#Chapter 4 - Generator Control Unit (GCU) 1 and GCU 2.Functional test of the GCU 1 and GCU 2 over and under-voltage trip protection carried out i.a.w (refer to AMM12-B-71-00-00-00A-903D-A).
#Chapter 4 ECS emergency shut-off system in-situ operational test carried out.
#Chapter 4 Pressurization Dump switch operational test carried out i.a.w (refer to AMM12-B-21-30-00-00A-903A-A)
#Chapter 4 Horizontal stabilizer trim functional test of Trim Runaway Aural Warning System (FAA CMR) carried out in accordance with (AMM12-B-27-40-00-00A-903A-A
#Chapter 4 Main landing gear shock absorber top and bottom attachment bolts and nuts examined i.a.w (refer to AMM12-B-32-10-00-00A-310A-A) or (AMM12-B-32-10-00-00A-310B-A)
#Chapter 53 Carried out 12 month corrosion inspection.
#Chapter 21 Pressurization safety valve checked for contamination of the valve poppet and poppet seat i.a.w (AMM12-B-21-30-02-00A-250A-A).
#Chapter 22 - Auto Flight Servo mount (pitch, roll and yaw).Removed/fitted for clutch check carried out i.a.w (AMM12-B-22-10-00-00A-313A-A)
#Chapter 24 - Electrical Power. Generator 1 brush inspection carried out i.a.w (AMM12-B-24-30-01-00A-313A-A)
#Chapter 24 - Electrical Power. Starter/generator 2 brush inspection carried out i.a.w (AMM12-B-24-30-01-00A-313A-A).
#Chapter 24 - Electrical Power.Removed/fitted NiCad batteries for deep cycle carried out i.a.w (AMM12-B-24-30-07-00A-920A-A and CMM). ***Refer to subcons 5542 & 5543***
#Chapter 24 - Electrical Power. Removed/fitted emergency power supply for a capacity test carried out i.a.w (AMM12-B-24-52-51-00A-920A-A). ***Refer to subcon 5544***
#Chapter 26 Fire Extinguisher checked and reweighed. 2086g
#Chapter 27 Flap actuators (black anodized) (P/N 978.73.20.307, 308 and 309). Lubricated i.a.w (AMM12-B-27-50-00-00A-902A-A).
#Chapter 27 Flap actuators (black anodized) (P/N 978.73.20.307, 308 and 309). Backlash check carried out i.a.w (AMM12-B-27-50-03-00A-313A-A).
L/H OUTBRD 0.008 , L/H INBRD 0.008 , R/H INBRD 0.007 , R/H OUTBRD 0.008
#Chapter 27 Flap up and down limit switches servicing carried out i.a.w (AMM12-B-12-20-07-00A-902A-A).
#Chapter 30 - Ice and Rain Protection. Airfoil de-icers: applied a surface coating in accordance with the manufacturers instructions.
#Chapter 32 Main and nose wheel bearings lubricated i.a.w (AMM12-B-12-20-06-00A-902A-A).
#Chapter 32 Main landing gear hinge pin and bushes Inspection/check carried out i.a.w (AMM12-B-32-10-00-00A-313A-A) or (AMM12-B-32-10-00-00A-313B-A).
#Chapter 35 Passenger oxygen masks Inspection/check carried out i.a.w (AMM12-B-35-20-00-00A-313A-A).
#Chapter 71 Engine torque and stick pusher torque transducer electrical connectors cleaned i.a.w (AMM12-B-71-00-03-00A-250A-A).
#Chapter 76 Propeller feathering microswitches functional test carried out i.a.w (AMM12-B-76-10-02-00A-903A-A).
#Chapter 25 Carried out Annual ELT 12 month airframe operational check. ***Refer to subcon 5545***
#Chapter 25 First Aid kit checked and recertified.
#Chapter 34 - Navigation. Static system leak check carried out i.a.w (AMM12-B-34-11-00-00A-903A-A).
#Chapter 34 - Navigation. Transponder system (single and dual systems). Functional test carried out i.a.w (AMM12-B-34-54-00-00A-903A-A or12-B-34-54-00-00A-903B-A or 12-B-34-54-10-00A-903A-A or 12-B-34-54-10-00A-903B-A). Refer to subcon 5546
#Chapter 34 - Navigation. Standby magnetic compass swing check carried out i.a.w (AMM DM12-B-34-20-00-00A-903A-A).
#Chapter 34 - Navigation. Carried out overhaul of standby compass. Refer to subcon 5547
#Chapter 32-R/H MLG tyre replaced i.a.w goodrich CMM P/N 3-1543 S/N OFF:4011S00278
S/N ON:4344S00231 TQ wrench used S/N:0608796943
#Chapter 32-L/H MLG tyre replaced i.a.w goodrich CMM P/N 3-1543 S/N OFF:4013S00276
S/N ON:5196S00371 TQ wrench used S/N:0608796943
#R/H recognition light replaced.
 # Aural warning and co-pilot secondary mic switch cover guards replaced.
#Adjusted passenger door cables.

• Signature AMO/AME Licence number and Date
14-August-2017

I hereby certify that the Scheduled Inspection / Maintenance recorded above has been carried out in accordance with the Civil Aviation Regulations, as amended ,which are applicable hereto, have been complied with.

Date: 14-August-2017 **Signature:** **Stamp:** PILATUS CENTRE No. 10 AMO 1073

the maintenance specified has
on Regulations 1997, as

SCHEDULE INSPECTION RECORD

SCHEDULED INSPECTIONS PERFORMED

DATE	Total Time	Landings/ Cycles	Inspection Type	Signature *	AMO/AME Licence number
5/11/2018	1080.1	1097/ 1087.	Defect.		PCSA 5 AMO-1873

* *Note:* A signature in this column will be taken as certification that the maintenance specified has been carried out and all requirements as laid down in the Civil Aviation Regulations 1997, as amended have been met in every respect.

MAINTENANCE AND DEFECT RECTIFICATION OR ANY RELEVANT MATTER CONSIDERED NECESSARY TO RECORD OTHER THAN SCHEDULED INSPECTIONS

CERTIFICATE RELATING TO
MAINTENANCE OF AN AIRCRAFT

PILATUS CENTRE SOUTHERN AFRICA

* Signature AMO/AME Licence number and Date

Pilatus PC-12 Centre Southern Africa (Pty) Ltd
AMO 1073
P.O. Box 602, Kelvin, 2054, Gauteng, South Africa

Registration: ZS -SML

Page: 1

Aircraft:	Pilatus	Model:	PC12/47E	Serial No:	1074
Engine:	P&W	Model::	PT6-67P	Serial No:	PCE-RY0076
Propeller	Hartzel	Model	HC-E4A-3D	Serial No:	KX669
Airframe Hrs	1080.1	Engine Hrs	1080.1	Prop Hrs TSO (7/11/14)	1080.1 124.8
Landings	1097	Eng Cycles	1087	Work Order:	9763

AIRFRAME

 # Chapter 31 - AGM1 card replaced i.a.w (AMMRef.12-B-31-42-00-00A-920A-A).
P/N: 7036410-1904
S/N OFF: 1407B410 TSN: 400.1, LSN:385, CSN:391
S/N ON: 09012273 TSN:UNK, LSN:UNK, CSN:UNK

I hereby certify that the Scheduled Inspection / Maintenance recorded above has been carried out in accordance with the Civil Aviation Regulations, as amended ,which are applicable hereto, have been complied with.

Date: 5/11/2018 Signature: Stamp: PCSA 5 AMO 1073

5/11/18

***Note:** A signature in this column will be taken as certification that the maintenance specified has been carried out and all requirements as laid down in the Civil Aviation Regulations 1997, as amended have been met in every respect.*

SCHEDULE INSPECTION RECORD

SCHEDULED INSPECTIONS PERFORMED

DATE	Total Time	Landings/ Cycles	Inspection Type	Signature *	AMO/AME Licence number
07/05/2018	955.3	964/ 964	Defects		PILATUS CENTRE No. 10 AMO 1073

** Note:* A signature in this column will be taken as certification that the maintenance specified has been carried out and all requirements as laid down in the Civil Aviation Regulations 1997, as amended have been met in every respect.

MAINTENANCE AND DEFECT RECTIFICATION OR ANY RELEVANT MATTER CONSIDERED NECESSARY TO RECORD OTHER THAN SCHEDULED INSPECTIONS

Type of maintenance performed	* Signature AMO/AME Licence number and Date

CERTIFICATE RELATING TO MAINTENANCE OF AN AIRCRAFT

PILATUS CENTRE SOUTHERN AFRICA

Pilatus PC-12 Centre Southern Africa (Pty) Ltd
AMO 1073
P.O. Box 602, Kelvin, 2054, Gauteng, South Africa

Registration: ZS -SML

Page: 1

Aircraft:	Pilatus	**Model:**	PC12/47E	**Serial No:**	1074
Engine:	P&W	**Model::**	PT6-67P	**Serial No:**	PCE-RY0076
Propeller	Hartzel	**Model**	HC-E4A-3D	**Serial No:**	KX669
Airframe Hrs	955.3	**Engine Hrs**	955.3	**Prop Hrs TSO (16/04/2018)**	955.3 0
Landings	964	**Eng Cycles**	964	**Work Order:**	9114 , 9116 , 9117 , 9183

AIRFRAME

 # Carried out SB 45-015 Ref 368 - Upgraded the Honeywell primus Apex operational software to build 11.
#Carried out SB 46-007 Ref 360. Systems integration and display wireless data loading systems (Connected flight deck) software upgraded.
Chapter 34 - Navigation. Standby magnetic compass swing check carried out i.a.w (AMM 12-B-34-20-00-00A-903A-A).
 # Chapter 61-Removed/fitted propeller for overhaul i.a.w(AMM12-B-61-10-01-00A-920A-A). P/N:HC-E4A-3D , S/N: KX 1017 Torque wrench used S/N:205130057. ***Refer to subcon: 5925.****Dual inspection carried out by Mike Pike AME 0272010752*

PILATUS CENTRE No. 2 AMO 1073

#Chapter 72- Power section P/N: PT6A-67P S/N: PS-RY0076 installed I.A.W 12-B-72-10-00-01A-920A-A after light overhaul. *Torque wrench used S/N:* 916806055 ***Refer to subcon: 6006.****Dual inspection carried out by Mike Pike AME 0272010752*

PILATUS CENTRE No. 2 AMO 1073

07/05/2015

I hereby certify that the Scheduled Inspection / Maintenance recorded above has been carried out in accordance with the Civil Aviation Regulations, as amended ,which are applicable hereto, have been complied with.

Date: 07/05/2015 **Signature:** **Stamp:** PILATUS CENTRE No. 10 AMO 1073

PILATUS CENTRE No. 10 AMO 1073

** Note:* **A signature in this column will be taken as certification that the maintenance specified has been carried out and all requirements as laid down in the Civil Aviation Regulations 1997, as amended have been met in every respect.**

SCHEDULE INSPECTION RECORD

SCHEDULED INSPECTIONS PERFORMED					
DATE	Total Time	Landings/ Cycles	Inspection Type	Signature *	AMO/AME Licence number
11.05.18	955.3	964/ 964	100/150		PILATUS CENTRE No. 10 AMO 1979

** Note:* A signature in this column will be taken as certification that the maintenance specified has been carried out and all requirements as laid down in the Civil Aviation Regulations 1997, as amended have been met in every respect.

MAINTENANCE AND DEFECT RECTIFICATION OR ANY RELEVANT MATTER CONSIDERED NECESSARY TO RECORD OTHER THAN SCHEDULED INSPECTIONS

Type of maintenance performed	* Signature AMO/AME Licence number and Date

CERTIFICATE RELATING TO MAINTENANCE OF AN AIRCRAFT

PILATUS CENTRE SOUTHERN AFRICA

Pilatus PC-12 Centre Southern Africa (Pty) Ltd
AMO 1073
P.O. Box 602, Kelvin, 2054, Gauteng, South Africa

Registration: ZS -SML

Page: 1

Aircraft:	Pilatus	**Model:**	PC12/47E	**Serial No:**	1074
Engine:	P&W	**Model::**	PT6-67P	**Serial No:**	PCE-RY0076
Propeller	Hartzel	**Model**	HC-E4A-3D	**Serial No:**	KX669
Airframe Hrs	955.3	**Engine Hrs**	955.3	**Prop Hrs TSO (16/04/2018)**	955.3 0
Landings	964	**Eng Cycles**	964	**Work Order:**	9297

AIRFRAME

Carried out 100/150 Hr E on airframe i.a.w Pilatus MM Chap 4 & 5 DOC 02300 PC-12/47E REV 18. 28-02-2018. 150HR SCHEDULE JT/15/ZS-SML
#Chapter 4 - Inboard flap drive arms In-situ Inspection/Check carried out I.A.W 12-B-27-51-00-00A-313A-A
#Chapter 24 – Electrical Power Generator 1 Brush inspection carried out I.A.W AMM 12-B-24-30-01-00A-313A-A
#Chapter 24 - Electrical Power Starter generator 2 Brush inspection carried out I.A.W AMM12-B-24-30-01-00A-313A-A
#Chapter 27 - Flap actuators (black anodized) (Part No. 978.73.20.307, 308 and309) Lubricated I.A.W AMM 12-B-27-50-00-00A-902A-A
#Chapter 27 - Flap up and down limit switches Servicing carried out I.A.W AMM 12-B-12-20-07-00A-902A-A
#Chapter 30 - Ice and Rain Protection Airfoil de-icers Applied a surface coating of Age Master No. 1 in accordance with the manufacturers instructions

11.05.18

I hereby certify that the Scheduled Inspection / Maintenance recorded above has been carried out in accordance with the Civil Aviation Regulations, as amended ,which are applicable hereto, have been complied with.

Date: 11-05-18 **Signature:** **Stamp:** PILATUS CENTRE No. 10 AMO 1073

PILATUS CENTRE No. 10 AMO 1073

** Note:* A signature in this column will be taken as certification that the maintenance specified has been carried out and all requirements as laid down in the Civil Aviation Regulations 1997, as amended have been met in every respect.

SCHEDULE INSPECTION RECORD

SCHEDULED INSPECTIONS PERFORMED

DATE	Total Time	Landings/ Cycles	Inspection Type	Signature *	AMO/AME Licence number
06/06/2018	989.1	973/ 975	Defects		PILATUS CENTRE No. 10 AMO 1073

** Note:* A signature in this column will be taken as certification that the maintenance specified has been carried out and all requirements as laid down in the Civil Aviation Regulations 1997, as amended have been met in every respect.

MAINTENANCE AND DEFECT RECTIFICATION OR ANY RELEVANT MATTER CONSIDERED NECESSARY TO RECORD OTHER THAN SCHEDULED INSPECTIONS

Type of maintenance performed	* Signature AMO/AME Licence number and Date

CERTIFICATE RELATING TO MAINTENANCE OF AN AIRCRAFT

PILATUS CENTRE SOUTHERN AFRICA

Pilatus PC-12 Centre Southern Africa (Pty) Ltd
AMO 1073
P.O. Box 602, Kelvin, 2054, Gauteng, South Africa

Registration: ZS -SML

Page: 1

Aircraft:	Pilatus	**Model:**	PC12/47E	**Serial No:**	1074
Engine:	P&W	**Model::**	PT6-67P	**Serial No:**	PCE-RY0076
Propeller	Hartzel	**Model**	HC-E4A-3D	**Serial No:**	KX669
Airframe Hrs	989.1	**Engine Hrs**	989.1	**Prop Hrs** **TSO (16/04/2018)**	989.1 33.8
Landings	975	**Eng Cycles**	975	**Work Order:**	9351

AIRFRAME

 # Chapter 46-R/H PFD controller replaced I.A.W 12-B-46-30-02-00A-920A-A.P/N:985.99.12.178
S/N OFF:KMC 2210-1090 (TSN989.1Hrs , 975EC/LC) S/N ON:KMC2210-1074 (repaired)

I hereby certify that the Scheduled Inspection / Maintenance recorded above has been carried out in accordance with the Civil Aviation Regulations, as amended ,which are applicable hereto, have been complied with.

Date: 06/06/18 **Signature:** **Stamp:** PILATUS CENTRE No. 10 AMO 1073

PILATUS CENTRE No. 10 AMO 1073

06/06/18

** Note:* A signature in this column will be taken as certification that the maintenance specified has been carried out and all requirements as laid down in the Civil Aviation Regulations 1997, as amended have been met in every respect.

SCHEDULE INSPECTION RECORD

SCHEDULED INSPECTIONS PERFORMED					
DATE	Total Time	Landings/ Cycles	Inspection Type	Signature *	AMO/AME Licence number
2 July 2015	1031, 9	1029 1047	Snags		PILATUS CENTRE No. 9 AMO 1073

* *Note:* A signature in this column will be taken as certification that the maintenance specified has been carried out and all requirements as laid down in the Civil Aviation Regulations ~~1997,~~ as amended have been met in every respect.

MAINTENANCE AND DEFECT RECTIFICATION OR ANY RELEVANT MATTER CONSIDERED NECESSARY TO RECORD OTHER THAN SCHEDULED INSPECTIONS

Type of maintenance performed	* Signature AMO/AME Licence number and Date

CERTIFICATE RELATING TO MAINTENANCE OF AN AIRCRAFT

PILATUS CENTRE SOUTHERN AFRICA

Pilatus PC-12 Centre Southern Africa (Pty) Ltd
AMO 1073
P.O. Box 602, Kelvin, 2054, Gauteng, South Africa

Registration: ZS -SML

Page: 1

Aircraft:	Pilatus	**Model:**	PC12/47E	**Serial No:**	1074
Engine:	P&W	**Model:**	PT6-67P	**Serial No:**	PCE-RY0076
Propeller	Hartzell	**Model:**	HC-E4A-3D	**Serial No:**	KX669
Airframe Hrs	1031.9	**Engine Hrs**	1031.9	**Prop Hrs TSO (7/11/14)**	1031.9 780
Landings	1029	**Eng Cycles**	1047	**Work Order:**	9434

AIRFRAME

 # Chapter 28 - Fuel. Fuel cross vent and outward check valve operational test carried out i.a.w 12-B-28-10-01-00A-903-A-A, Found Satisfactory

I hereby certify that the Scheduled Inspection / Maintenance recorded above has been carried out in accordance with the Civil Aviation Regulations, as amended ,which are applicable hereto, have been complied with.

Date: 02 July 2018 **Signature:** **Stamp:** PILATUS CENTRE No. 9 AMO 1073

2/7/18 PILATUS CENTRE No. 9 AMO 1073

Note: **A signature in this column will be taken as certification that the maintenance specified has been carried out and all requirements as laid down in the Civil Aviation Regulations ~~1997~~, as amended have been met in every respect.**

Certificate of Release to Service

South African Civil Aviation Part 145 Organization

AES

AMO1011

2. Location	3. Mail Address	4. AES Job Number:	28674
Hangar M7 Gate 5 Lanseria Airport Lanseria 1748	P O BOX 911 Lanseria 1748 Fax: +27 (0)11 701 3232 E-mail: workshops@aeroelectrical.co.za	5. Certificate Serial No.:	14838

6. Qty.	7. Description.	8. Aircraft Registration	9. Part &/or Model No.	10. Eligibility.*	11. Serial/Batch No	12. Status/Work
01	AIRCON MOTOR	ZS - SML	1134104 - 1	See note 14.2	4438	BRUSH CHANGE

Remarks
Stripped and inspected motor, found bearings in fair condition.
Found brushes with 60 % life remaining.
Skimmed and undercut commutator.
Replaced bearings and bedded new brushes.
Assembled and bench tested motor.
Aircon motor found serviceable.

Manual: 21 – 00 - 23 Rev: SEPT 23 / 2008

14. NOTE:
1. Life Limited Parts will normally be accompanied by maintenance history including life used – if supplied by customer.
2. Installer must cross-check eligibility with applicable technical data
3. It is important to understand that the existence of this document alone does not automatically constitute authority to install the art/component/assembly.
4. Where the user/installer works in accordance with the national regulations of an Airworthiness Authority different from the Airworthiness Authority specified in block 1 it is essential that the user/installer ensures that his/her Airworthiness Authority accepts parts/components/assemblies from the Airworthiness Authority specified in block 1.
3. Statement in Item 14 does not constitute installation certification. In all cases the aircraft maintenance record must contain an installation certification issued in accordance with the national regulations by the user/installer before the aircraft may be flown.

13
■ CAR43.04.4 (1) Release to service
☐ Other regulation specified in block 12.

Certifies that the part(s) identified above except as otherwise specified in block 13 was (were) manufactured/inspected in accordance with the applicable design data and with the Civil Aviation Regulations, 2011.

16. Signature:	17. Approval or PO Ref. No:
18. Name: S. C. SMITH.	19. Date: 2018-08-17

6. Qty.	7. Description.	8. Aircraft Registration	9. Part &/or Model No.	10. Eligibility.*	11. Serial/Batch No	12. Status/Work
01	MAIN BATTERY	ZS-SML	31406-002	See note 14.2	11701201	DEEP CYCLE

Remarks
Deep cycle carried out on Ni-cad battery.
All cells passed test 100%.
Top charged, electrolytes levels topped up per cell
Unit found serviceable.

Manual: MARATHON CMM 24-34-00 Rev: JAN 12/18

14. NOTE:
1. Life Limited Parts will normally be accompanied by maintenance history including life used – if supplied by customer.
2. Installer must cross-check eligibility with applicable technical data
3. It is important to understand that the existence of this document alone does not automatically constitute authority to install the art/component/assembly.
4. Where the user/installer works in accordance with the national regulations of an Airworthiness Authority different from the Airworthiness Authority specified in block 1 it is essential that the user/installer ensures that his/her Airworthiness Authority accepts parts/components/assemblies from the Airworthiness Authority specified in block 1.
3. Statement in Item 14 does not constitute installation certification. In all cases the aircraft maintenance record must contain an installation certification issued in accordance with the national regulations by the user/installer before the aircraft may be flown.

13
■ CAR43.04.4 (1) Release to service
☐ Other regulation specified in block 12.

Certifies that the part(s) identified above except as otherwise specified in block 13 was (were) manufactured/inspected in accordance with the applicable design data and with the Civil Aviation Regulations, 2011.

16. Signature:	17. Approval or PO Ref. No:
18. Name: F PRINSLOO	19. Date: 2018-08-21

Certificate of Release to Service

South African Civil Aviation Part 145 Organization

AES

AMO1011

2. Location	3. Mail Address	4. AES Job Number:	28673
Hangar M7 Gate 5 Lanseria Airport Lanseria 1748	P O BOX 911 Lanseria 1748 Fax: +27 (0)11 701 3232 E-mail: workshops@aeroelectrical.co.za	5. Certificate Serial No.:	14820

6. Qty.	7. Description.	8. Aircraft Registration	9. Part &/or Model No.	10. Eligibility.*	11. Serial/Batch No	12. Status/Work
01	Emergency Power Supply	ZS-SML	501-1712-02	See note 14.2	81774	Cap Check

Remarks
Stripped and inspected unit
Top charged for cap-check
Cap-check carried out
Unit passed cap-check
Unit top charged
Unit found to be serviceable at time of inspection.

Manual: TP-483 24-30-08 Rev: 2; 12/06/99

14. NOTE:
1. Life Limited Parts will normally be accompanied by maintenance history including life used – if supplied by customer.
2. Installer must cross-check eligibility with applicable technical data
3. It is important to understand that the existence of this document alone does not automatically constitute authority to install the art/component/assembly.
4. Where the user/installer works in accordance with the national regulations of an Airworthiness Authority different from the Airworthiness Authority specified in block 1 it is essential that the user/installer ensures that his/her Airworthiness Authority accepts parts/components/assemblies from the Airworthiness Authority specified in block 1.
3. Statement in Item 14 does not constitute installation certification. In all cases the aircraft maintenance record must contain an installation certification issued in accordance with the national regulations by the user/installer before the aircraft may be flown.

13
■ CAR43.04.4 (1) Release to service
☐ Other regulation specified in block 12.

Certifies that the part(s) identified above except as otherwise specified in block 13 was (were) manufactured/inspected in accordance with the applicable design data and with the Civil Aviation Regulations, 2011.

16. Signature:	17. Approval or PO Ref. No:
18. Name: S. Hendricks	19. Date: 2018-08-16

*Note: A signature in this column will be taken as certification that the maintenance specified has been carried out and all requirements as laid down in the Civil Aviation Regulations 1997, as amended have been met in every respect.

CERTIFICATE RELATING TO
MAINTENANCE OF AN AIRCRAFT

PILATUS CENTRE SOUTHERN AFRICA

EVANT MATTER
ILED INSPECTIONS

Pilatus PC-12 Centre Southern Africa (Pty) Ltd
AMO 1073
P.O. Box 602, Kelvin, 2054, Gauteng, South Africa

Registration: ZS –SML

Page: 1

Aircraft:	Pilatus	**Model:**	PC12/47E	**Serial No:**	1074
Engine:	P&W	**Model::**	PT6-67P	**Serial No:**	PCE RY 0076
Propeller	Hartzel	**Model**	HCE4A3DE	**Serial No:**	KX 669
Airframe Hrs	**1063.5**	**Engine Hrs**	**1063.5**	**Prop Hrs** **Prop TSO** **Prop CSO**	**1063.5** **108.2** **118**
Landings	**1075**	**Eng Cycles**	**1064**	**Work Order:**	**9537 / 9542**

AIRFRAME

Carried out Annual Inspection on airframe i.a.w **Pilatus MM Chap 4 & 5 DOC 02300** PC-12/47E REV 18. 28 FEB 2018. **SL 200 TO MOVE TO 300 HR SHEDULE**
 # Chapter 4 & 27 - Inboard flap drive arms every 150 flying hours or at Annual Inspection, whichever comes first In-situ Inspection/Check c/o iaw AMM 12-B-27-51-00-00A-313A-A
Chapter 4 & 24 - Generator Control Unit (GCU) 1 and GCU 2 Every 3000 flying hours or 1 year (installed), whichever comes first Functional test of the GCU 1 and GCU 2 over and under-voltage trip protection c/o i.a.w (Refer to DM 12-B-24- 30-00-00A-903A-A).
Chapter 4 & 21 - ECS emergency shut-off system. Every 3000 hours or 1 year, whichever comes first. Attached a spring balance to the ECS EMER SHUT-OFF lever. Pulled the lever and checked that the max pull force to open the ram air scoop was 22.5 lbf (100 N) and made sure that the ram air scoop was completely open.
 # Chapter 4 & 21 E - Pressurization Dump switch every 3000 hours or 1 year, whichever comes first operational test c/o i.a.w (refer to DM 12-B-21-30-00-00A-903A-A).
 # Chapter 21E - Air Conditioning. Cold air unit re-oiled i.a.w (Ref. 12-B-21-40-02-00A-902A-A) Heat exchanger matrix Inspected/checked i.a.w (Ref.12-B-21-40-02-00A-313-A-A). Water separator condenser cleaned i.a.w (Ref. 12-B-21-40-03-00A-250A-A) every 500 flying hours. Adapter checked for damage , none found .
 # Chapter 21 -VCCS replaced brushes and bearings and drive belt .**500 hrs** hobbs time **Motor Assembly P/N: 1134104-1 S/N: 4438**
 # Chapter 32 - Main landing gear shock absorbers and nose gear serviced with new fluid and nitrogen .
Chapter 4 & 35 - Passenger oxygen (plug-in mask) system (if installed) 400 flying hours.Operational test c/o (refer to AMM 12-B-35-00-00-00A-903A-A)
Chapter 20 - Corrosion inspection (internal) - 12 months complied with:
.**Chapter 20** - Corrosion inspection (external) - 12 months complied with (Mild)
 # Chapter 22 - Servo mount (pitch, roll and yaw) Removed for clutch check 1000 FH or 12 Months, whichever comes first (installed) AMM 12-B-22-10-00-00A-313A-A and re-installed
 # Chapter 24 - Ni-Cad batteries Remove and serviceed 400 Hr or 12 Months, whichever comes first (installed) AMM 12-B-24-30-07-00A-920B-A and CMM
 # Chapter 24 - Emergency power supply Removed and capacitance test c/o, 12 Months (installed) AMM 12-B-24-52-51-00A-920A-A and CMM
 # Chapter 24 -Gen 1 Starter Gen 2 brushes checked found satisfactory .
 # Chapter 25 – ELT (Kannad 406 AF or Kannad Integra 406 AF ER-N, if installed) Functional test c/o 1200 Hrs or 12 Months, whichever comes first AMM 12-B-25-63-00-00A-903A-A or 12-B-25-63-00-00A-903B-A
 # Chapter 25 - First Aid kit checked
 # Chapter 26 - Fire extinguisher Content checked 12 Months (elapsed) and recertified .
 # Chapter 27 - Aileron control system bearings Lubricated 1200 FH or 12 Months, whichever comes first AMM 12-B-27-10-00-00A-901A-A
 # Chapter 29 - Hydraulic system (If installed) Fluid level checked and found satisfactory 300 FH or 12 Months, whichever comes first AMM 12-B-29-00-00-00A- **Chapter 30** - Airfoil de-icers Applied a surface coating of Age Master No. 1 i a w the manufacturers instructionsCMM 30-10-31 (latest issue) 6 Months (installed) 02A-A
 # Chapter 32 -Main and nose wheel bearings Lubricated AMM 12-B-12-20-06-00A-902A-A
 # Chapter 32 -Main landing gear hinge pin and bushes Inspected /checked 2400 FH or 12 Months, whichever comes first (installed) AMM 12-B-32-10-00-00A-313A-A or 12-B-32-10-00-00A-313B-A
 # Chapter 34 - Navigation. Static system Leak checked i.a.w (Ref. 12-B-34-11-00-00A-903A-A).
 # Chapter 34 - Transponder system (single and dual systems) Functional test c/o i.a.w (Ref.12-B-34-54-00-00A-903-A-A).
 # Chapter 34 - Standby magnetic compass swing checked i.a.w (Ref. DM 12-B-34-21-00-00A-903-A-A).
 # SB45-016 Ref.383 (Build 11.1) c/o at this time .
 # R/H inboard fuel drain replaced

* Signature AMO/AME Licence number and Date

tenance specified has
lations 1997, as

amended have been met in every respect.

SCHEDULE INSPECTION RECORD

SCHEDULED INSPECTIONS PERFORMED

DATE	Total Time	Landings/ Cycles	Inspection Type	Signature *	AMO/AME Licence number

1. Certificate of Release to Service
South African Civil Aviation Part 145 Organization

AES
AMO1011

2. Location	3. Mail Address	4. AES Job Number:	28729
Hangar M7 Gate 5 Lanseria Airport Lanseria 1748	P O BOX 911 Lanseria 1748 Fax: +27 (0)11 701 3232 E-mail: workshops@aeroelectrical.co.za	5. Certificate Serial No.:	14874

6. Qty.	7. Description.	8. Aircraft Registration	9. Part &/or Model No.	10. Eligibility.*	11. Serial/Batch No	12. Status/Work
01	MAIN BATTERY	ZS-SML	31406-002	See note 14.2	11702324	COMMISSION

Remarks:

Commission carried out on Ni-cad battery.
Top charge carried out.
Unit found serviceable.

Manual: MARATHON CMM 24-34-00 Rev: JAN 12/18

14. NOTE:
1. Life Limited Parts will normally be accompanied by maintenance history including life used – if supplied by customer.
2. Installer must cross-check eligibility with applicable technical data
3. It is important to understand that the existence of this document alone does not automatically constitute authority to install the art/component/assembly.
4. Where the user/installer works in accordance with the national regulations of an Airworthiness Authority different from the Airworthiness Authority specified in block 1 it is essential that the user/installer ensures that his/her Airworthiness Authority accepts parts/components/assemblies from the Airworthiness Authority specified in block 1.
5. Statement in Item 14 does not constitute installation certification. In all cases the aircraft maintenance record must contain an installation certification issued in accordance with the national regulations by the user/installer before the aircraft may be flown.

15.
■ CAR43.04.4 (1) Release to service
☐ Other regulation specified in block 12.

Certifies that the part(s) identified above except as otherwise specified in block 13 was (were) manufactured/inspected in accordance with the applicable design data and with the Civil Aviation Regulations, 2011.

16. Signature:
17. Approval or PO Ref. No:
18. Name: A BOTHA
19. Date: 2018-08-24

PLANTS CENTRE No. 2 AMO 1073

24/8/18	1063:5	1073/1064	ROUTINE	PLANTS CENTRE No. 2 AMO 1073	

** Note:* A signature in this column will be taken as certification that the maintenance specified has been carried out and all requirements as laid down in the Civil Aviation Regulations 1997, as amended have been met in every respect.

MAINTENANCE AND DEFECT RECTIFICATION OR ANY RELEVANT MATTER CONSIDERED NECESSARY TO RECORD OTHER THAN SCHEDULED INSPECTIONS

Type of maintenance performed	* Signature AMO/AME Licence number and Date
# Chapter 32 : R/H brake assembly replaced.P/N:959.56.01.512/EX S/N OFF:1214 TSN:1063.5, LSN:1075, ESN:1064 S/N ON:1286 TSN:UNK, LSN:UNK, ESN:UNK # Chapter 32 : L/H brake assembly replaced.P/N:959.56.01.512/EX S/N OFF:1216 TSN:1063.5, LSN:1075, ESN:1064 S/N ON:1109 TSN:UNK, LSN:UNK, ESN:UNK # New Battery fitted to Aircraft P/N OFF : P/N 31406-002 S/N OFF : S/N 10802471 P/N ON : 31406-002 S/N ON : 11702324 I hereby certify that the Scheduled Inspection / Maintenance recorded above has been carried out in accordance with the Civil Aviation Regulations, as amended ,which are applicable hereto, have been complied with. Date: 24/8/2018 Signature: Stamp: PILATUS CENTRE No. 2 AMO 1073	24/8/18 PILATUS CENTRE No. 2 AMO 1073

* *Note:* A signature in this column will be taken as certification that the maintenance specified has been carried out and all requirements as laid down in the Civil Aviation Regulations 1997, as amended have been met in every respect.

SCHEDULE INSPECTION RECORD

SCHEDULED INSPECTIONS PERFORMED

DATE	Total Time	Landings/ Cycles	Inspection Type	Signature *	AMO/AME Licence number
19/10/18	7076:8	1091/1081	10YR INSP		
			WINGS ETC...		
			NLG TO TUBE		
			NAV INTERFACE.		

PILATUS CENTRE No. 2 AMO 1073

Cessna Authorized Independent NDI Facility

UNIT INSPECTION AVIATION SERVICES

**CESSNA (USA) AUTHORIZED FACILITY

BACAA CERTIFICATE OF APPROVAL NO. : AMO642

LANSERIA
TEL / FAX : (011) 701 3068

REPORT N28202

CERTIFICATE RELATING TO MAINTENANCE

THIS CONSTITUTES AN OFFICIAL LOG BOOK ENTRY AND MUST BE AFFIXED IN THE APPROPRIATE LOG BOOK

CLIENT PILATUS CENTRE	ORDER 6410
LOCATION RAND AIRPORT	AIRCRAFT REG: ZS-SML
IDENTIFICATION / DESCRIPTION PILATUS PC12	U.L.C. JOB NO. N28202
WORK / METHOD EDDY CURRENT AND FLUORESCENT PENETRANT TESTING CARRIED OUT ON ALL WING-FUSELAGE ATTACHMENT HOLLOW PINS AS PER SRM12-A-57-00-03-01A-353A-A. EQUIPMENT USED : HOCKING PHASEC 2S EDDY CURRENT TESTING UNIT ARDROX 970 P24 WATER WASHABLE FLOURESCENT PENETRANT NOTE : NDT INSPECTIONS CARRIED OUT AS PER YOUR ORDER / REQUEST DO NOT REPLACE / SUBSTITUTE ANY MANUFACTURERS S/B'S, AD'S OR SERVICE SCHEDULES.*	
RESULTS / REMARKS NO DEFECTS FOUND AT TIME OF INSPECTION.	CRITERIA / MANUAL USED REPORT ALL DEFECTS/CRACKS ETC.
INSPECTED BY L.ERASMUS	SIGNATURE

I HEREBY CERTIFY THAT IN CARRYING OUT THE FOREGOING SPECIFIED MAINTENANCE, ALL THE REQUIREMENTS PRESCRIBED IN THE CIVIL AVIATION REGULATIONS WHICH ARE APPLICABLE HERETO, HAVE BEEN COMPLIED WITH.

DEPUTY ACCOUNTABLE MANAGER

DATE : 10/10/2018

STAMP

UNIT INSPECTION AMO 642 N° 2. AVIATION SERVICES

* *Note:* A signature in this column will be taken as certification that the maint
been carried out and all requirements as laid down in the Civil Aviation Regul
amended have been met in every respect.

MAINTENANCE AND
CONSIDERED NECESS

CERTIFICATE REL
MAINTENANCE O

Pilatus PC-12 Centre Southern A
AMO 1073
P.O. Box 602, Kelvin, 2054, Gaut

Aircraft:	Pilatus	Mod
Engine:	P&W	Mod
		Mod
		Eng
		Eng

1. STATE

2. CAA 140 AIRWORTHINESS APPROVAL TAG

AUTHORISED RELEASE CERTIFICATE

(FOR AN AIRCRAFT PART OR COMPONENT)

SOUTH AFRICAN CIVIL AVIATION AUTHORITY

3. FORM TRACKING NUMBER

39050

4. ORGANIZATION NAME AND ADDRESS

CENTURY AVIONICS CC
HANGAR M1 LANSERIA INTERNATIONAL AIRPORT, JOHANNESBURG, SOUTH AFRICA, 1748
TEL : +27 11 701 3244 FAX : +27 86 676 4992

5. WORK ORDER/CONTRACT/INVOICE NUMBER

JC: 39050

6. ITEM

1

7. DESCRIPTION

CS-144

8. PART NUMBER

S1825502-02

9. ELIGIBILITY

N/A

10. QUANTITY:

1

11. SERIAL/BATCH NUMBER

2619916-0011

STATUS/WORK:

SERVICEABLE

12. REMARKS

13. STATEMENT REGARDING CAA 38 EXPORT CERTIFICATE REQUIRED

Tested unit (unfitted customer reported snag. Replaced memory IC, tested unit and found it serviceable i.a.w m/m 25-63-50 Rev. N° 05 Aug. 12/2013

14. DATE THE ITEMS IDENTIFIED ABOVE WERE MANUFACTURED IN CONFORMITY TO:

15. APPROVED DESIGN DATA AND ARE IN A CONDITION FOR SAFE OPERATION

16. ☐ PART 43 RELEASE TO SERVICE
☐ OTHER REGULATION SPECIFIED IN BLOCK 13

17. AUTHORISED SIGNATURE

18. CERTIFIES THAT UNLESS OTHERWISE SPECIFIED IN BLOCK 13, THE WORK IDENTIFIED IN BLOCK 12 AND DESCRIBED IN BLOCK 13 WAS ACCOMPLISHED IN ACCORDANCE WITH CIVIL AVIATION REGULATIONS PART 43 AND IN RESPECT TO THAT WORK, THE ITEM(S) ARE APPROVED FOR RETURN TO SERVICE

19. APPROVAL AUTHORISATION NUMBER

AMO J

20. NAME

L C DU PREEZ

21. DATE (DDMMYYYY)

19/10/2018

22. USER/INSTALLER RESPONSIBILITIES

23. IN SECTION 12 REPORTED SNAG, MEANS IC NEEDS REPLACEMENT

24. IN SECTION 13 THE ITEM(S) IDENTIFIED ABOVE HAS BEEN MADE IN ACCORDANCE WITH THE NATIONAL REGULATIONS OF AN AIRWORTHINESS AUTHORITY DIFFERENT THAN THE AIRWORTHINESS AUTHORITY OF THE COUNTRY SPECIFIED IN BLOCK 1. IN ADDITION, THE USER/INSTALLER ENSURES THAT HIS/HER AIRWORTHINESS AUTHORITY ACCEPTS PART/COMPONENTS/ASSEMBLIES FROM THE AIRWORTHINESS AUTHORITY OF THE COUNTRY SPECIFIED IN BLOCK 1.

25. CAUTION: IN BLOCK 13 AMO 142.01 (2)(b) MUST CONSTITUTE INSTALLATION CERTIFICATE. IN ALL CASES, AIRCRAFT MAINTENANCE RECORDS MUST CONTAIN AN INSTALLATION CERTIFICATION ISSUED IN ACCORDANCE WITH THE NATIONAL REGULATIONS BY THE USER INSTALLER BEFORE THE AIRCRAFT MAY BE FLOWN.

MAINTENANCE AND DEFECT RECTIFICATION OR ANY RELEVANT MATTER CONSIDERED NECESSARY TO RECORD OTHER THAN SCHEDULED INSPECTIONS

CERTIFICATE RELATING TO MAINTENANCE OF AN AIRCRAFT

PILATUS CENTRE SOUTHERN AFRICA

* Signature AMO/AME Licence number and Date

Pilatus PC-12 Centre Southern Africa (Pty) Ltd
AMO 1073
P.O. Box 602, Kelvin, 2054, Gauteng, South Africa

Registration: ZS –SML

Page: 1

Aircraft:	Pilatus	**Model:**	PC12/47E	**Serial No:**	1074
Engine:	P&W	**Model::**	PT6-67P	**Serial No:**	PCE RY 0076
Propeller	Hartzel	**Model**	HCE4A3DE	**Serial No:**	KX 669
Airframe Hrs	**1076.8**	**Engine Hrs**	**1076.8**	**Prop Hrs** **Prop TSO** **Prop CSO**	**1076.8** **121.5** **135**
Landings	**1091**	**Eng Cycles**	**1081**	**Work Order:**	**9667**

AIRFRAME

Chapter 57 - Wing.
Wing to fuselage attachments examined attachment fittings with wings removed i.a.w (AMM12-B-57-00-00-00A-313A-A) (AMR 790053179) No damage found / new bush kit installed (500.60.12.007) new wing attachment kit installed (500.60.12.004) Wing bolts torqued to correct values .
Torque wrenches S/N : 205130057 and 916806055 used

Dual inspection c/o by Richard Steyn

PILATUS CENTRE No. 9 AMO 1073

Fluorescent dye Penetrant / Eddy Current. Not required as no damage found to any of the bores on wing /lug attachment points .
Chapter 57 - Wing.
Wing and fuselage attachment fittings - hollow pins eddy current inspection c/o i.a.w (Ref.12-B-57-00-03-00A-353A-A).
Chapter 4 -Nose landing gear torque tube **P/N 532.50.12.047** replaced new.
Chapter 56 – Windows Cockpit side windows Prism Inspection/Check c/o AMM 12-B-56-11-02-00A-313A-A 11000 flying hours or 10 years installed, (no cracks or damage found)
Chapter 34 - Navigation. Static system Leak check c/o i.a.w (Ref. 12-B-34-11-00-00A-903A-A).
Pitch trim actuator checked : no corrosion or damage found , extension granted to 4200 hrs or 6 yrs whichever comes i.a.w (12-B-04-00-00-00A-000A-A)
NAV to ELT interface internal memory replaced .
Chapter 34 - Navigation. Standby magnetic compass swing check carried out i.a.w (Ref.DM12-B-34-21-00-00A-903-A-A).
Chapter 34 - Navigation.
R/H and L/H pitot tubing and fittings replaced after 10 year wing inspection carried out.
10 x P/N:259-N04 Inserts 4 x P/N:261-N04 Nuts 2 x P/N:264-N04 T-Piece Union 20 x P/N:44PN Tubing 10 x P/N:971.32.51.105 Tie Cable 120mm 10 x P/N:971.32.51.101 Tie Cable 160mm 20 x P/N:9713251101

I hereby certify that the Scheduled Inspection / Maintenance recorded above has been carried out in accordance with the Civil Aviation Regulations, as amended ,which are applicable hereto, have been complied with.

Date: 19/10/2018 **Signature:** **Stamp:** PILATUS CENTRE No. 2 AMO 1073

PILATUS CENTRE No. 2 AMO 1073
19/10/18

** Note:* A signature in this column will be taken as certification that the maintenance specified has been carried out and all requirements as laid down in the Civil Aviation Regulations 1997, as amended have been met in every respect.