

AIRFRAME LOGBOOK
FOR AIRCRAFT Z-
ZS-SML

VOLUME:
CA 21-27 A



Fulton Avenue
Boys' Leadership
Team Code
Wentzel Park
Edgar Street
Middletown

P. and Moore &
Pine Bar, X 73
H. " Bay Hous A
1:35

Southern Region, Oct. 4;
FD 302, 174
City: San Francisco, CA;
7526

[illegible]

PHASE INSPECTION PROGRAM FOR ZS-SML

Reference:

SML

2

JP van Niekirk

Airworthiness

29 July 2015

10 July 2010

The Reasonable Doctor

The Responsible Person Aircraft

Cristatus Investments (PTY) LTD

Private Bag X2037

Sasolburg

1947

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 mandated

1074 AIRCRAFT SN.

1. Your request for approval of a progressive maintenance programme for the above aircraft refers.
2. In terms of CAR 43.02.82(a)(i) 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-43.02.6 Section A, are still applicable and shall be complied with.
 - (c) To start the 150 hour inspection program, in accordance with SA-CAR 43.02.82(a)(i) read together with SA-CATS-43.02.8, an annual as per MM Time limits 12-B-05-00-00A-018A read together with SA-CATS Maintenance Checks 12-B-05-20-00-00A-018A as amended shall be A and Scheduled Maintenance Checks shall be endorsed by the person who certifies this conducted. The appropriate logbooks shall be completed and he should also 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 read together with SA-CATS-43.02.8.

[illegible]

PCA: Ms P Khoza; Company Secretary: Ms N Narasimhan

- * The AME has respected the aircraft and validated himself or herself and the aircraft being operated safely to the allowable tolerance period.

the number of allowable tolerance hours is deducted from the net scheduled inspection period by an equal amount.

extension will be granted in respect of calendar times. Refer to SA CATS 43.02.8
each program inspection an inspector maximum shall be fifteen (15) days.

Annual inspection must be completed each 12 months. A form CA Q-52 must be deleted and submitted to the CAA within 48 hours if least annually inspection is the action performed.

The new software is designed to ensure that the appropriate exposures are accounted for in paragraph 13. The new software will ensure compliance with: SA-CAR 43.22, RC7008 and together with CATS-43.02.8

City names for the program is discontinued. For following monocular program, no and only

(f) An annual inspection as prescribed in SA-CATS 43-02-08 shall be carried out before the aircraft is again flown.

(c) The logbooks shall be endorsed to the effect that the program was last discontinued. A statement to this effect together with the date and the time (in hours) at which the program was discontinued, shall be made in the engine, airframe and propeller logbooks as discussed.

(c) After the date the requirements of Part 43 of the Civil Aviation Regulations 2011, as amended, will be applicable, the succeeding 10-hour modules shall be done at the times required by the programme. The annual expectation shall be done to ensure that the aircraft is not flown at such an interval that the expected time between the completion of a cycle and the annual inspection will exceed a period of 12 months.

The Director shall be advised in writing of the date at which the program will discontinue.

responsibility for releasing the aircraft shall ensure that all documents are issued in terms of Part 91 of the South African Civil Aviation regulations 2011 as amended.

copy thereof, relating to the present program shall at all times be retained by the Airframe Division, and the Airframe, engine and propeller records must be maintained on a continuing basis for a period of 150 working hours after the program is authorized by SACAA, paragraph 1.1.32-58b, Part 43, it is the responsibility of the contractor to ensure that the maintenance and tracking report is kept current with respect to amendments.

2d. Aviation reserves the right to record any or all of the requirements related to the maintenance and tracking report.

Yours faithfully,

FOR DIRECTOR OF CIVIL AVIATION	J P Van Niekerk Airmen's Inspector Airmen's Civil Aviation Authority	14 JUL 1965
FOR DIRECTOR OF CIVIL AVIATION	NAME IN BLOCK LETTERS	DATE OF SIGNATURE

[illegible]

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

AIRFRAME PARTICULARS

AIRCRAFT MANUFACTURER..... PILATUS
 MODEL DESIGNATION PC-12/47E
 SERIAL NUMBER 1074

INSTALLED ENGINE PARTICULARS

ENGINE MANUFACTURER PRATT & WHITNEY

	MODEL DESIGNATION	SERIAL NUMBER
1	PT6A-67P	PCE-12Y0076
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



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

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
2x COMPASS SYSTEMS	24/11/09	
1x AIRPATH COMPASS		
2x COMPASS SYSTEMS	21/9/2010	
1x AIRPATH COMPASS		
2x REMOTE SYSTEMS	1/02/2011	
1x AIRPATH COMPASS		
2x REMOTE SYSTEMS	21/09/2011	
1x AIRPATH COMPASS		
2x REMOTE SYSTEM	3/10/2012	
1x AIRPATH COMPASS		
2x REMOTE COMPASS SYSTEM	24 OCT 2013	
1x AIRPATH COMPASS		
2x REMOTE SYSTEMS	7/11/2014	
1x AIRPATH COMPASS		
2x REMOTE SYSTEMS	13 NOV 15	
1x AIRPATH COMPASS		
2x REMOTE SYSTEM	16 NOV 2018	
1x STANDBY COMPASS		
2x ADAMS REMOTE SYSTEMS.	14 AUG 2017	
QTY 1x STANDBY COMPASS		
QTY 2x ADAMS REMOTE SYSTEMS.	04 MAY 2018	
QTY 1x STANDBY COMPASS		
QTY 2x ADAMS REMOTE SYSTEMS.	24 AUG 2018	
QTY 1x STANDBY COMPASS		
QTY 2x ADAMS 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 end of the

AIRCRAFT INVENTORY

PIATUS CENTRE SOUTH AFRICA

PC12 AIRCRAFT S/N : 1074

PIATUS

DATE : 03.11.2009

PAGE : 1 / 38

US :
DOCUMENT NO : FINAL
AQ_I_12

AS PER CONFORMANCE DOCS.

Component	Serial Number	Total Time	Total cycles	By Whom Installed	Date of installation
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					20.11.2009
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					28.11.2011
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					5.5.2012
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					3.8.2012
				J. Beamish	08/10/2012
				J. Beamish	28/10/2013
				J. Beamish	28/10/2013

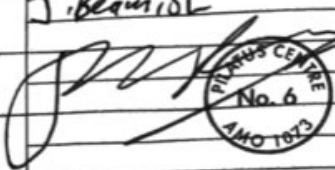
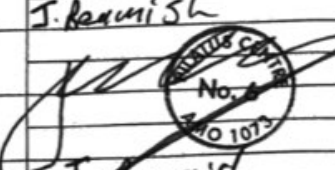

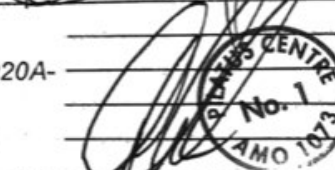

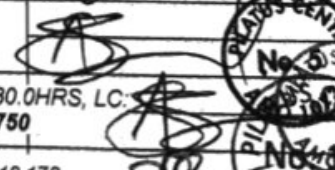
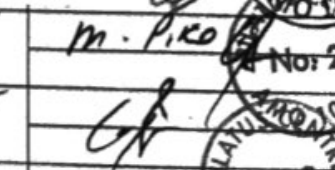
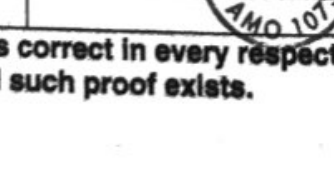

I hereby certify that the information as recorded above is correct in every respect and reflects the historical record of components fitted to the aircraft and such proof exists.

Name ANDREW CARR Signature

AME Number 0272002031 AMO certification stamp PIATUS CENTRE No. 1 AMO 1073 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 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 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  PILATUS CENTRE No. 5 AMO 1073	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				 PILATUS CENTRE No. 5 AMO 1073	06/05/16.
R/H STROBE - OFF: 33580 EN: 29252015	558.2	613		 PILATUS CENTRE No. 5 AMO 1073	19/10/16
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	14/06/2017.
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	06/06/18
# 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. 2 AMO 1073	17/8/18.
R/H Brake Assy	1214 066	1063.5	1075	M. Piko PILATUS CENTRE No. 2 AMO 1073	12/8/18.
L/H Brake Assy	1216 066	1063.5	1075	 PILATUS CENTRE No. 2 AMO 1073	
	1109 02N	unk.			

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

[illegible]

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 762
 Reasons for removal SYR
 Total Time 251.9 Total Cycles 196
 Removed by Rich Chel Signature [Signature]

INSTALLATION RECORD

Component Designation PITCH TRIM Serial Number 1035
 Total Time 1084.4 Total Cycles 1
 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 AMMO 1073 Signature [Signature]
 AME Number 0272002031 AMO Stamp [Stamp] Date 2.10.2014

Removal Record

Component designation Propeller Serial Number KX 669
 Reasons for removal SYR OFF
 Total Time 251.9 Total Cycles 183
 Removed by M. Pike Signature [Signature]

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 [Signature]
 AME Number 0272002031 AMO Stamp [Stamp] 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 [Signature]

INSTALLATION RECORD

Component Designation Propeller 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 [Signature]
 AME Number 0272401312 AMO Stamp No. 5 Date 06/05/2016

Removal Record

Component designation Propeller Serial Number KX 669
 Reasons for removal prop strike
 Total Time 453.3 Total Cycles 964
 Removed by Kyle Lumsden Signature [Signature]

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 [Signature]
 AME Number 0273000245 AMO Stamp No. 10 Date 07/05/18

AIRWORTHINESS DIRECTIVE COMPLIANCE RECORD ONE TIME ACTION

AIRWORTHINESS DIRECTIVE COMPLIANCE RECORD ONE TIME ACTION			
AD No	Date	Method of compliance	Signature * AME/AMO Number
	20.11.2009	NIL AT THIS TIME NEW AIRCRAFT.	AME/AMO No. 1
	23.3 Hrs		
	Date	Method of compliance	Signature * AME/AMO Number
		AS PER AIRCRAFT COMFORTANCE DOCS	
	Total time		
	Hrs		
	Date	Method of compliance	Signature * AME/AMO Number
	21/9/2009	NIL.	AME/AMO No. 1
	Total time		
	145.7 Hrs		
	Date	Method of compliance	Signature * AME/AMO Number
FAA AD 2012-14-15	08/10/2012	Refer to SB 34.035 P4296 Upgrade CRSSG'S	AME/AMO No. 6
	Total time		
	185.7 Hrs		
	Date	Method of compliance	Signature * AME/AMO Number
	28/10/2013	WIL	AME/AMO No. 6
	Total time		
	22.1 Hrs		
	Date	Method of compliance	Signature * AME/AMO Number
FAA AD 2014-22-01		Entered in Error	AME/AMO No. 5
	Total time		
	Hrs		
	Date	Method of compliance	Signature * AME/AMO Number
EASA AD 2014-0170		Entered in Error	AME/AMO No. 5
	Total time		
	Hrs		
	Date	Method of compliance	Signature * AME/AMO Number
	17/11/16	WIL	AME/AMO No. 5
	Total time		
	666.8 Hrs		
	Date	Method of compliance	Signature * AME/AMO Number
	14/08/17	NIL At this time	AME/AMO No. 10
	Total time		
	928.1 Hrs		
	Date	Method of compliance	Signature * AME/AMO Number
	11.05.18	NIL	AME/AMO No. 10
	Total time		
	955.3 Hrs		
	Date	Method of compliance	Signature * AME/AMO Number
	Total time		
	Hrs		
	Date	Method of compliance	Signature * AME/AMO Number
	Total time		
	Hrs		
	Date	Method of compliance	Signature * AME/AMO Number
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	Date	Method of compliance	Signature * AME/AMO Number
	Total time		
	Hrs		
	Date	Method of compliance	Signature * AME/AMO Number
	Total time		
	Hrs		
	Date	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 1997, as amended have been met in every respect.

AIRWORTHINESS DIRECTIVE COMPLIANCE RECORD (REPETITIVE)			
AD No	Date	Method of compliance	Signature *
	23/11/09	NIL AT THIS TIME	
	Total time	1 AM AIRCRAFT COMPARISON	
	Hrs	DOCS	
	Date	Method of compliance	
	21/9/2011	NIL	
	Total time		
	145.3 Hrs		
	Date	Method of compliance	
	08/10/2012	NIL	
	Total time		
	185.7 Hrs		
	Date	Method of compliance	
	28/10/2013	NIL	
	Total time		
	221.1 Hrs		
	Date	Method of compliance	
FAA AD 2014-22-01	13/11/15	inboard flap drive arms insp.	
	Total time		
	401.5 Hrs		
	Date	Method of compliance	
EASA AD 2014-0170	13/11/15	inboard flap drive arms insp.	
	Total time		
	401.5 Hrs		
	Date	Method of compliance	
FAA AD 2014-22-01 EASA AD 2014-0170	06/05/2016	INBD FLAP DRIVE ARMS.	
	Total time		
	533.2 Hrs		
	Date	Method of compliance	
FAA AD 2016-22-01 EASA AD 2016-0170	17/11/16	INBD Flap drive ARMS	
	Total time		
	686.8 Hrs		
	Date	Method of compliance	
	14/05/17	NIL	
	Total time		
	828.1 Hrs		
	Date	Method of compliance	
	11-05-18	NIL	
	Total time		
	959.3 Hrs		
	Date	Method of compliance	
	Total time		
	Hrs		
	Date	Method of compliance	
	Total time		
	Hrs		
	Date	Method of compliance	
	Total time		
	Hrs		
	Date	Method of compliance	
	Total time		
	Hrs		
	Date	Method of compliance	
	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 1989, 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						
Ref.	SB Number	Release Date	FOCA/EASA AD	Description	Effectivity	Status Date/Sign.
				PC-12/47E MSN: 1074	PILATUS	
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 886; Except MSN 545	N/A
213	21-008	23.11.2007		Air Conditioning - Pressurization Control - Cabin Pressure Switches - Modification	All PC-12, PC-12/45 and PC-12/47 from MSN 101 thru MSN 886; Except MSN 881, 884 and MSN 886	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	23-006	11.06.2008		Communications - VHF Communication System 1 and 2 - Transceiver - Replacement of MMCR KTY2280 Radios	PC-12/47E aircraft MSN 545 and MSN 1001 thru MSN 1040	N/A
216	30-011	09.07.2008	EASA 2008-0007	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	26-012	04.08.2008		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-Altitude and Direction Replace the Air Data, Altitude 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 Standard 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 2008-0080	Landing Gear - Nose Wheel Steering Replacement of the Crank Bar Assy	All PC-12 Series up to MSN 1080 (Regl. Torque Tube before 18'000 Ldg. or 11'900 Hours Time to Survive or 10 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 MSN 545 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-Independent Position Determining EGPWS-Remove the Autopilot engaged Signal from the EGPWS	PC-12/47E aircraft MSN 1001 thru 1080 that have the optional EGPWS Mk 6 (TAWS Class A) installed	X
224	34-018	08.01.2009		Navigation-Altitude and Direction Upgrade the Air Data, Altitude and Heading Reference System (ADAHRS) to -152 standard	PC-12/47E aircraft MSN 545 and MSN 1001 thru 1100	N/A
225	48-001	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

P

15

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

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Total time

SERVICE BULLETIN / FOCA AD INDEX LIST

PC-12/47E MSN: 1074

PILATUS

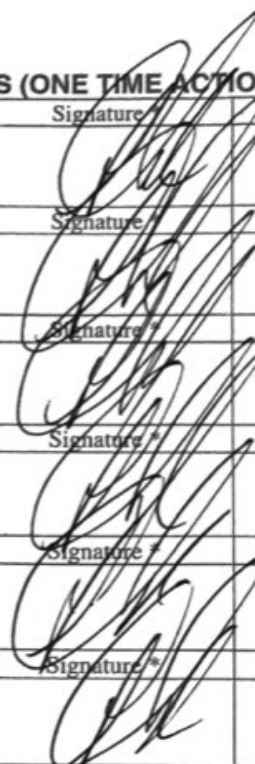
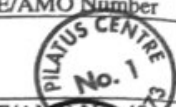
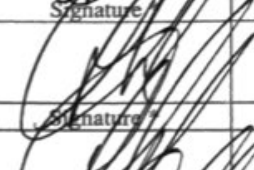

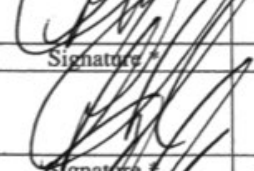

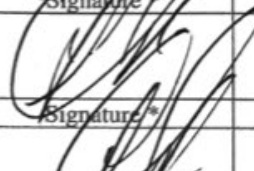
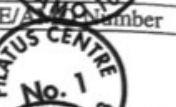
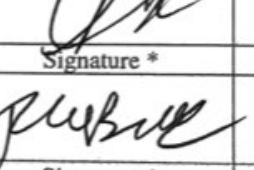
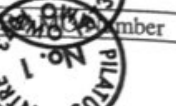
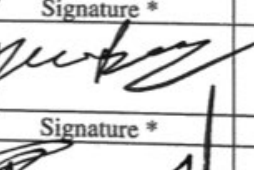
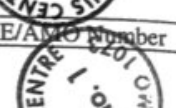


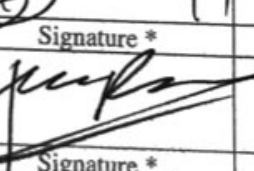
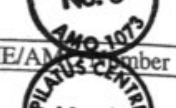
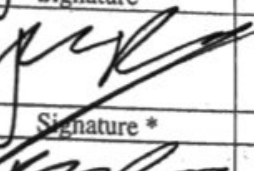
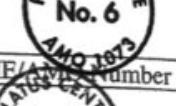

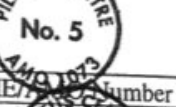
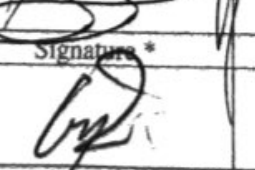

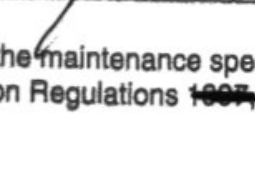

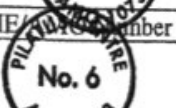

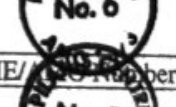
Ref.	SB Number	Release Date	FOCA/EASA AD	Description	Effectivity	Status	Date/Sign.
226	21-010	12.01.2009		Air Conditioning-Temperature Control replacement of the Integrated Environmental-Control-System Controller (IEC)	PC-12/47E aircraft MSN 545 and MSN 1001 thru 1031 and 1034	N/A	
227	45-001 Rev.1	16.01.2009		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 545 thru 886, and PC-12/47E MSN 1001 thru 1101	X	
229	34-019	30.03.2009		Navigation-Altitude and Direction-Installation and Removal of a Plate on the ADAHRS Shell (Available Upon Request Only)	PC-12/47E aircraft MSN 1063 only	N/A	
230	45-002	30.03.2009		Upgrade the Honeywell Primus Apex Software to Build 5.1	PC-12/47E aircraft MSN 545 and MSN 1001 thru 1132	N/A	
		27.06.2009	EASA 2009-0163	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) 600-05-12-508, as listed in the Illustrated Parts Catalogue (IPC) 12-20-00	PC-12, PC-12/45 and PC-12/47 aircraft, all serial numbers.	10000 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, Altitude 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 2009-0058E 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 through MSN 544 inclusive and from MSN 545 through MSN 886 inclusive. Model PC-12/47E MSN 545 and from 1001 through MSN 1160 inclusive	4000 Ldg	
231	79-008 Rev.1	24.05.2009		Oil Alerts Monitoring (OAM) System - Disabling or removal of the OAM System	PC-12/45 and PC-12/47 aircraft MSN 411, MSN 534 thru 544 and MSN 545 thru 886	N/A	
232	04-012	22.06.2009		Airworthiness Limitations - Life extension to 27'000 Flight Hours or 30'000 Flights	MSN 344	N/A	
233	91-007 Rev.1	06.08.2009		Indicating/Recording System - Carport 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 480	N/A	

Status:
X = Embodied
O = Not Embodied
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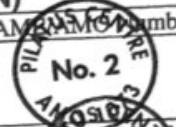
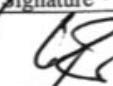
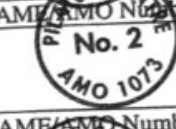
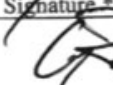


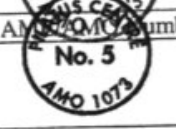
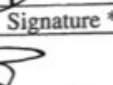
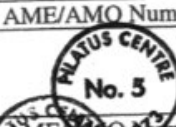

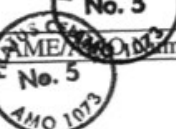
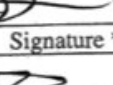
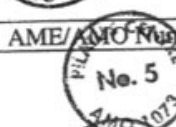
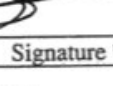
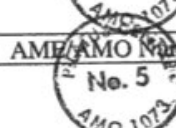
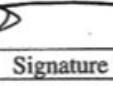
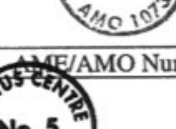

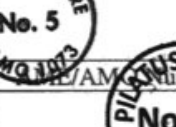



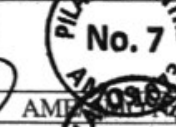
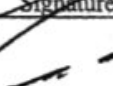
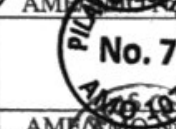
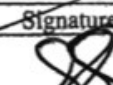
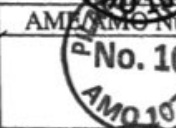
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Total time				
Hrs				
Date		Method of compliance	Signature *	AME/AMO Number

SERVICE BULLETINS/LETTERS/INSTRUCTIONS (ONE TIME ACTION)

NUMBER	Date	Method of compliance	Signature *	AME/AMO Number
24.028	13.10.2011	INSTALLATION OF WATER PROTECTION FOR		
	Total time	ELECTRICAL EQUIPMENT ON FRAME 10.		
	145.3 Hrs			
45.008	25.4.2012	Method of compliance		
	Total time	BUILD 8.5.2		
	168.3 Hrs			
45.009	25.4.2012	Method of compliance		
	Total time	BUILD 8.5.3		
	168.3 Hrs			
34.052	25.4.2012	Method of compliance		
	Total time	GPS UN. GPS ADDRESS.		
	168.3 Hrs			
34.053	9.5.2012	Method of compliance		
	Total time	ADAPTOR REPLACED MOD 4 FITTED		
	168.3 Hrs			
KTA 2810-22-01	5.8.2012	Method of compliance		
	Total time	REPLACE KTA 2810 TO MOD 1		
	180.8 Hrs			
34.035	08/10/2012	Method of compliance		
	Total time	Upgrade Software on GWS545		
	185.7 Hrs			
23.009	09/01/2013	Method of compliance		
	Total time	UP Grade MMOR 1 + 2 Software		
	186.7 Hrs			
45-010	03/09/2013	Method of compliance		
	Total time	UPGRADE TO BUILD 8.6		
	220.7 Hrs			
34-036	5/9/2013	Method of compliance		
	Total time	EBIS WIRING MOD		
	220.7 Hrs			
46.004	28/10/2013	Method of compliance		
	Total time	Installed a wireless data loading system. Connected flight deck NIC #1 + 2 replaced		
	221.1 Hrs			
31.018	28/10/2013	Method of compliance		
	Total time	Installation of new MAU Moduler Units in conjunction with SB 46.004. A/DIO + LSTO replaced		
	221.1 Hrs			
Honeywell SIC 020310000040	19/12/2013	Method of compliance		
	Total time	Inspection of Baffle Hoppers inside MAU.		
	226.2 Hrs			
46-003	17/7/14	Method of compliance		
	Total time	CCD Installation.		
	251.3 Hrs			
46-005	7/11/2014	Method of compliance		
	Total time	MFD, PFD Wiring loom Protection Installed		
	251.9 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 1988, as amended have been met in every respect.

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

NUMBER	Date	Method of compliance	Signature *	AME/AMO Number
34-039	7/11/2015	Pitot Tube line improvement		
	Total time	Installed		
	251.9 Hrs			
11-006	7/11/2015	Oil and Oxygen Placards		
	Total time	Replaced		
	251.9 Hrs			
27-021	23/3/2015	Aileron tab counter balance weights Increased		
	Total time			
	303.4 Hrs			
22-006	10/11/2015	Autopilot software modification to the KSA 2700 autopilot servo.		
	Total time			
	401.5 Hrs			
11-005	13/11/15	Fuel Filler Placards		
	Total time			
	401.5 Hrs			
45-012	06/05/2016	UPGRADE TO BUILD 8.8.		
	Total time			
	533.2 Hrs			
46-006	25/06/2016	UPGRADE WIFI SOFTWARE		
	Total time			
	584.9 Hrs			
45-014	28/06/2016	UPGRADE TO BUILD 10.9		
	Total time			
	584.9 Hrs			
/	17/11/16	NIL		
	Total time			
	686.5 Hrs			
/	12/08/17	NIL		
	Total time			
	628.1 Hrs			
45-015	15 FEB 2018	UPGRADE TO BUILD 10.11		
	Total time			
	955.3 Hrs			
46-007	15 FEB 2018	UPGRADE WIFI SOFTWARE		
	Total time			
	955.3 Hrs			
/	11.05.18	NIL		
	Total time			
	955.3 Hrs			
5845-016	22/8/18	UPGRADE to Build 11.1.		
	Total time			
	1068.5 Hrs			
	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)	
Signature *	Date

SERVICE BULLETINS/LETTERS/INSTRUCTIONS (REPETITIVE)			
NUMBER	Date	Method of compliance	Signature *
	23.11.05	NIL AT THIS TIME	
	Total time	12- AIRCRAFT COMB	
	Hrs	DOCS	
	Date	Method of compliance	Signature *
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	145.3 Hrs		
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	08/10/2012	NIL	
	Total time		
	185.7 Hrs		
	Date	Method of compliance	Signature *
	28/10/2013	NIL	
	Total time		
	221.1 Hrs		
	Date	Method of compliance	Signature *
	12/11/16	NIL	
	Total time		
	666.8 Hrs		
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	625.1 Hrs		
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	Date	Method of compliance	Signature *
	Total time		
	Hrs		
	Date	Method of compliance	Signature *
	Total time		
	Hrs		
	Date	Method of compliance	Signature *
	Total time		
	Hrs		
	Date	Method of compliance	Signature *
	Total time		
	Hrs		
	Date	Method of compliance	Signature *
	Total time		
	Hrs		
	Date	Method of compliance	Signature *
	Total time		
	Hrs		
	Date		

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 [Signature]

AME Number 0272002031 AMO Approval stamp [Stamp] Date 20.11.2009

PILATUS
PC-12/47E

SECTION 8
WEIGHT AND BALANCE

Model: PC-12/47E	Serial No.: 1074	Registration No.: ZS-SML	Date: Nov. 03/2009
Item	Weight	C.G. Arm	Moment
lb	kg	in	m
lb-in	kg	lb-in	mkg
1. Airplane Weight, C.G. arm, and moment. (As weighed in Figure 6-1)	6578.63	2984.00	234.69
2. Unusable Fuel	32.9	14.9	225.6
3. Optional equipment, if applicable			5.73
4. Optional equipment, if applicable			7422
5. Optional equipment, if applicable			85.39
6. TOTAL BASIC EMPTY WEIGHT AND MOMENT (Sum of 1 thru 5)	6611.48	2998.90	1551324.69
		234.64	17873.10
		5.96	

AIRPLANE USEFUL LOAD - NORMAL CATEGORY OPERATION

Ramp Weight	Basic Empty Weight		Useful Load	
lb	kg	lb	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.

Figure 6-2. Airplane Basic Empty Weight
Issued: September 15, 2006
Revision 6: March 26, 2008
EASA Approved

Report No: 02277
6-9

Date of weighing	Performed by	
6/11/14	Signature *	
Weigh certificate Number	AMO Approval Stamp	Moment
1943	<u>[Stamp]</u>	
Aircraft empty mass		
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 NOV 09	0,3	3,5	3,5	5 Ldg's

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



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




* 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 No.
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 <i>M. Gander</i>		
QUALITY INSPECTION PILATUS AIRCRAFT LTD CH-6370 STANS (SWITZERLAND)		

Registration No. ZS-SML

and Remarks	Signature	Certificate No.

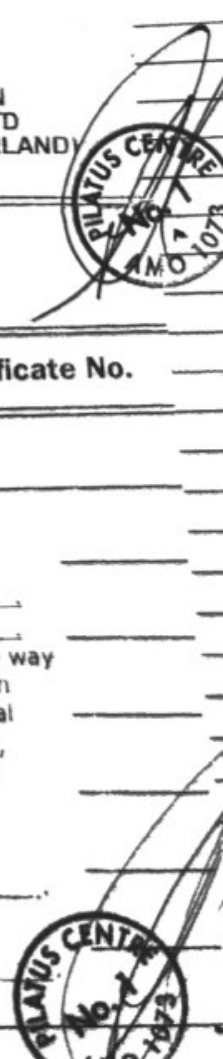
CERTIFICATE OF RELEASE TO SERVICE

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.

Zgraggen Ph.

Signed 10859 Licence No. _____
* (Aircraft maintenance engineer / organization)

Date _____ Time _____



SCHEDULED INSPECTIONS PERFORMED

** 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**

[illegible]

* 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.

SCHEDULED INSPECTIONS PERFORMED



* **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**



* 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

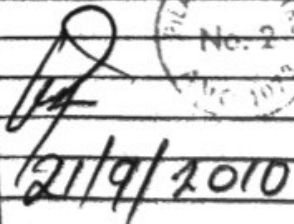
Annual inspection carried out on airframe IAW Pilatus MM Chap 5 CD 02216 PC-12 IETP E Series / Revision 4 April 2010
Chapter 21 Vapor cycle compressor motor drive belt checked / Vapor cycle compressor motor brushes inspection carried out i.a.w (Ref. 12-B-21-50-03-00A-313-A-A) found satisfactory
Functional 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 extinguisher 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: 


21/9/2010

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 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	116.0
Landings	77	Eng Cycles	73	Work Order:	2629

AIRFRAME

Carried out SB **34.026** GPS SOFTWARE 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
(P/N 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:



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 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

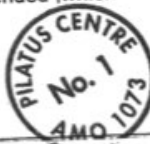
AIRFRAME

#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:

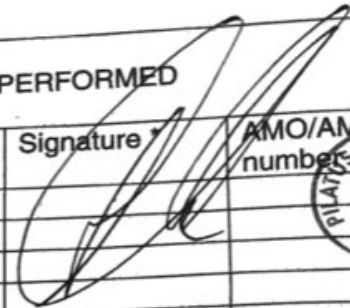
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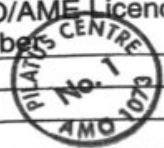
24/03/2011



SCHEDULE INSPECTION RECORD

SCHEDULED INSPECTIONS PERFORMED				
DATE	Total Time	Landings/ Cycles	Inspection Type	Signature
21.9.2011	145.3	99	Arrival 150	

AMO/AME Licence
numbers



DART AERONAUTICAL CC
A.M.O 051



AERONAUTICAL HOUSE
FIRST FLOOR, SITE 86
RAND AIRPORT
TEL: (011) 827 8204
FAX: (011) 824 3870
E-MAIL: dartam@dartam.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 COMPLIED 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 PC-12 Centre Southern Africa (Pty) Ltd
AMO 1073
P.O. Box 602, Kelvin, 2054, Gauteng, South Africa

Registration: ZS-SML

Page: 1

O/AME
r and

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-903A-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 extinguisher 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-313A-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-313A-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-903A-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:



* 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

SCHEDULED INSPECTIONS PERFORMED

* 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 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:



**CERTIFICATE RELATING TO
MAINTENANCE OF AN AIRCRAFT**



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:	1065 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

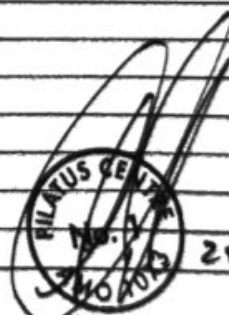
AIRFRAME

#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:



*** 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.

SCHEDULED INSPECTIONS PERFORMED

* 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**



* 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 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-B1147** Removed.
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:



**CERTIFICATE RELATING TO
MAINTENANCE OF AN AIRCRAFT**



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: 5.8.2012

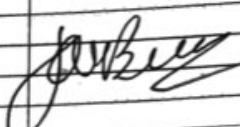

Signature:

Stamp:



ance specified has
ons 1997, as

SCHEDULED INSPECTIONS PERFORMED

DATE	Total Time	Landings/ Cycles	Inspection Type	Signature *	AMO/AME Licence number
08/10/2012	185.7	136/125	ANNUAL		

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@dartaero.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 AND 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.		

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 CC

A.M.O 51

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

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

* Note: ,
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has

CERTIFICATE RELATING TO MAINTENANCE OF AN AIRCRAFT



**T 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

* Signature AMO/AME
Licence number and
Date

Aircraft:	Pilatus	Model:	PC12/47 E	Serial No:	1089-1074
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	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-903A-A) Brush inspection (Ref. 12-B-21-50-03-00A-313A-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-313A-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 R/H 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 32 Landing Gear Main and nose wheel bearings Lubricated (Ref. 12-B-12-20-06-00A-902A-A)

#Chapter 32 - Landing Gear Main landing gear axles and bushes DRAG LINK Inspection/Checked (Ref. 12-B-32-10-00-00A-313A-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-903A-A)

Standby magnetic compass Swing checked (Ref. DM 12-B-34-21-00-00A-903A-A)

Sub Con DART

#Chapter 35 Oxygen Passenger oxygen masks Inspection/checked (Ref. 12-B-35-20-00-00A-313A-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: *[Signature]*

Stamp:



be specified has
1997, as

SCHEDULED INSPECTIONS PERFORMED

* *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 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	186.7
Landings	137	Eng Cycles	126	Work Order:	4409

AIRFRAME

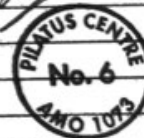
#Carried Out **SB 23-009 REF 297**
Upgraded software on MMDR 1 and 2
MMDR 1 P/N 069-01037-0102 S/N 2877
MMDR 2 P/N 069-01037-0102 S/N 2866

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:



**CERTIFICATE RELATING TO
MAINTENANCE OF AN AIRCRAFT**



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	220.7
Landings	163	Eng Cycles	153	Work Order:	4982

AIRFRAME

#CARRIED OUT SB 45-010 REF 308 - CENTRAL MAINTENANCE 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:



ice specified has
s 1997, as

amended have been met in every respect.

SCHEDULED INSPECTIONS PERFORMED

* *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



* 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	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

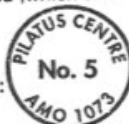
#Carried Out Service Bulletin No: 34-038 Ref 305
NAVIGATION - ATTITUDE AND DIRECTION MODIFICATION TO THE ELECTRONIC STANDBY
INSTRUMENT-SYSTEM (ESIS) POWER RETURN WIRES.

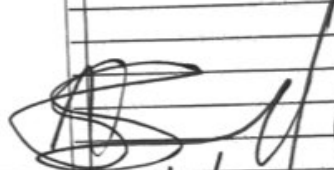
I hereby certify that the Scheduled Inspection / Maintenance recorded above has been carried out in accordance with the Civil Aviation Regulations, as amended, which are applicable hereto, have been complied with.

Date: **5/9/2013**

Signature: 

Stamp:




5/9/13



* 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.

SCHEDULED INSPECTIONS PERFORMED

[illegible]

AERONAUTICAL HOUSE
FIRST FLOOR, SITE 86
RAND AIRPORT
TEL (311) 827 8204
FAX (311) 834 3670
E-MAIL: GREGORY@AERONAUTICALHOUSE.COM

19627

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

AIRCRAFT TYPE	AIRCRAFT SERIAL NUMBER	EQUIPMENT TYPE	SERIAL NO.	REGISTRATION	SPARES
A/CARRY OUT PITOT STATIC LEAK, FUNCTION AND CALIBRATION CHECK ON DUAL SYSTEM.					
AW SA CATS GMR 73.02.9					
B/CARRY OUT TRANSPONDER SYSTEM FUNCTION AND CALIBRATION CHECK ON DUAL SYSTEM.					
AW SA CATS GMR 73.02.10					
C/CARRY OUT COMPASS SWING TO BOTH AIRPATH AND 2TY 2 COMPASS SYSTEMS. APPLY ALL CORRECTIONS AND FIT DEVIATION CARDS.					



DART AERONAUTICAL CC
A.M.O 51

AERONAUTICAL HOUSE
FIRST FLOOR, SITE 98
RAND AIRPORT
TEL: (011) 827 8204
FAX: (011) 824 7870
E-MAIL: darfano@rand.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	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.			
JAW SB 46-004			

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

The abovementioned equipment installed law.

Details which is not used

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 CAMO LICENCE No. DATE 22 OCTOBER 2013

106

CERTIFICATE RELATING TO MAINTENANCE OF AN AIRCRAFT



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CTIONS

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	221.1	Engine Hrs	221.1	Prop Hrs	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, 27 and 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 309 Installation 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:



Signature AMO/AME
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SCHEDULED INSPECTIONS PERFORMED

* 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 ~~1962~~, 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 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:

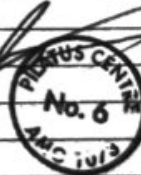
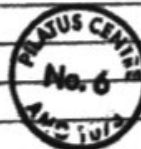
Stamp:



Carried out Honeywell SIL
D20130000040.
Inspection of MAU Raffle Happers.
Make sure they free to open and not restrict
fan airflow.

ATSN: 226.2 LSN: 158 LSN: 171.

19/12/2013



* 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 1997, as amended have been met in every respect.

SCHEDULED INSPECTIONS PERFORMED

* 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	* 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	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:

16/4/2014

**CERTIFICATE RELATING TO
MAINTENANCE OF AN AIRCRAFT**



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:

17/7/2014

*** 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.

SCHEDULED INSPECTIONS PERFORMED

** 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.*

Type of maintenance performed
CERTIFICATE RELATING TO
MAINTENANCE OF AN AIRCRAFT



* 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	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

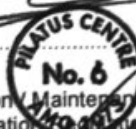
Duplicate Inspection carried out by Jason Beamish AME0272433699

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:



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
------	------------	---------------------	-----------------	-------------	---------------------------

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

AES

1. Location: Hanger M7, Gate 5, Lanseria Airport, Lanseria, 1748

2. Mail Address: P O BOX 911, Lanseria, 1748, Fax: +27 (0)11 701 3232, E-mail: workshop@aes-aero.co.za

3. AES Job Number: 19726

4. Certificate Serial No.: 6158

5. Aircraft Registration: ZS-SML

6. Part &/or Model No.: 31406-002

7. Eligibility: See note 14.2

8. Serial/Batch No.: 10802472

9. Status/Work: DEEP CYCLE

10. Qty: 01

11. Description: NI-CD BATTERY

Remarks: DEEP CYCLE CARRIED OUT
CMM:24-34-00 REV11 NOV2012

DUE DATE 29-01-2015(+ 3MONTHS)

14. NOTE:

- Life Limited Parts will normally be accompanied by maintenance history including life used - if supplied by customer.
- Installer must cross-check eligibility with applicable technical data.
- It is important to understand that the existence of this document alone does not automatically constitute authority to install the part/component/assembly.
- 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.
- 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.: *[Signature]*

18. Name: L. RADINGWANA

19. Date: 04-11-2014

AMO 1011 INSP 9



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

AES

1. Location: Hanger M7, Gate 5, Lanseria Airport, Lanseria, 1748

2. Mail Address: P O BOX 911, Lanseria, 1748, Fax: +27 (0)11 701 3232, E-mail: workshop@aes-aero.co.za

3. AES Job Number: 19725

4. Certificate Serial No.: 6159

5. Aircraft Registration: ZS-SML

6. Part &/or Model No.: 31406-002

7. Eligibility: See note 14.2

8. Serial/Batch No.: 10802471

9. Status/Work: DEEP CYCLE

10. Qty: 01

11. Description: NI-CD BATTERY

Remarks: DEEP CYCLE CARRIED OUT
CMM: 24-34-00 REV11 NOV2012

DUE DATE 29-01-2015(+ 3MONTHS)

14. NOTE:

- Life Limited Parts will normally be accompanied by maintenance history including life used - if supplied by customer.
- Installer must cross-check eligibility with applicable technical data.
- It is important to understand that the existence of this document alone does not automatically constitute authority to install the part/component/assembly.
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☐ 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.

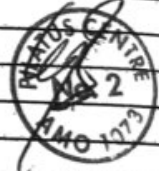
16. Signature: *[Signature]*

17. Approval or PO Ref. No.: *[Signature]*

18. Name: L. RADINGWANA

19. Date: 04-11-2014

AMO 1011 INSP 9



* 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	251:9	196/188	ANNUAL		



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) Weirits
 C) Other

JOB NUMBERS

1943

DATE

6-Nov-2014

SCALE READINGS

READINGS IN KGS

CONVERT TO LBS

MASS IN POUNDS

CELL POSITION
 Yellow left main wheel
 Blue right main wheel
 Red nose wheel

1369.00

2.20462

2996.08

1348.00

2.20462

2971.83

356.00

2.20462

789.25

3065.00

6757.16

Aircraft Total Mass

ARMS AND MOMENTS

MASS

ARM

MOMENT

POSITION

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

6757.16

235.95

1594361.06

Aircraft as weighed with (if applicable)

Engine of full unusable fuel/Hydraulic

oil full, used ballast and all items of

fixed equipment

6757.16

235.95

1594361.06

Aircraft empty

CERTIFICATION

Aircraft weighed in accordance with:

A.I.C. 60.5 Aircraft weight and balance manual A.C. 43.13 - 1B/2A

and to safely civil aviation as amended

LBS

6757.16

KGS

3065.00

AIRCRAFT EMPTY WEIGHT

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:



APPROPRIATE HOUSE
 FIRST FLOOR 011 801 1000
 TEL: 011 801 1000
 FAX: 011 801 1000
 E-MAIL: info@pilotus.co.za

22097

CRMA No.

CERTIFICATE RELATING TO MAINTENANCE OF AN AIRCRAFT

This constitutes an official CRMA and must be fixed in the appropriate logbook.

AIRCRAFT TYPE: PC12/47E

AIRCRAFT SERIAL NUMBER: 1074

EQUIPMENT TYPE: ZS-SML ORDER 3659

REGISTRATION: ZS-SML ORDER 3659

REMOVED AIRPATH COMPASS, CARRY OUT FULL OVERHAUL

AT-917

QTY 2 SEALS

QTY 1 SPACER

REFURBISH, LEAK TEST, SEAL AND REFIT.

LA W MAN 05-15-006 REV 1 DEC 1997

*A. The above-mentioned equipment was overhauled, repaired and tested in accordance with Manufacturer's requirements.

*B. The above-mentioned equipment installed in accordance with the requirements of the Civil Aviation Regulations 1997.

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

COMPLIED WITH.

SIGNED:

AMO LICENCE No. _____

DATE 07 NOVEMBER 2014

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: ZS-SML ORDER 3644

CARRY OUT PITOT STATIC LEAK FUNCTION AND CALIBRATION

TEST ON DUAL SYSTEM AND STANDBY UNIT.

LA W SA CATS GMR 43 02 9

CARRY OUT TRANSPONDER SYSTEM FUNCTION TEST IN-SITU

ON DUAL SYSTEM.

LA W SA CATS : GMR 43 02 9

CARRY OUT COMPASS SWING TO AIRPATH COMPASS AND

TWO REMOTE COMPASS SYSTEMS, APPLY ALL CORRECTIONS

AND

FIT DEVIATION CARDS.

(RADIO/S ON)

*A. The above-mentioned equipment was overhauled, repaired and tested in accordance with Manufacturer's requirements.

*B. The above-mentioned equipment installed in accordance with the requirements of the Civil Aviation Regulations 1997.

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

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

Registration: ZS-SML

Page: 1

* Signature AMO/AME
Licence number and
Date

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 (AMM 12-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-00-00-00-1 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: 9026W/100422 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 compass

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:

[Signature]

Stamp:



at the maintenance specified has
ation Regulations 1997, as

SCHEDULED INSPECTIONS PERFORMED

AERONAUTICAL HOUSE
FIRST FLOOR, SUITE 80
RANNEY AIRPORT
TEL: (011) 827 8204
FAX: (011) 824 3870
E-MAIL: info@aircraft.com

DART AERONAUTICAL CC
A.M.O 051

22196

CRMA No.:

REGISTRATION: ZS-SML ORDER: 3074

AIRCRAFT TYPE:

AIRCRAFT SERIAL NUMBER:

100% COTTON T-SHIRT

FOR

CONTRACTS

D) CARRY OUT ELT SYSTEM FI

III. CONNECTORS AND FORMS

ALL CONNECTIONS AND JOINTS

EX: CB264C746349E91

ATTORNEY EXPIRATION DATE: _____

PATIENT EXPIRATION DATE _____

ALW SA CATS GMR 43.02.11

A The aforementioned environment

transferring the program to the new bill. Y

B. The abovementioned equipment

HEREBY CERTIFY THAT IN

HERBERT GOLDMAN, JR., is
DESCRIBED IN THE SOURCE A

RECORDED IN THE SOLE OF THE
FOOT OF THE

IMPLET WITH

1

SIGNED _____

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[illegible]

Journal of Management Education 33(1)

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

Registration: ZS-SML

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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
				TSO	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

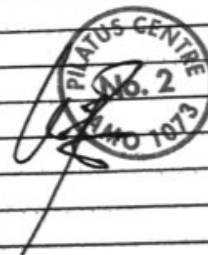
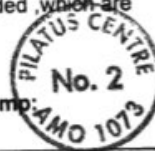


I hereby certify that the Scheduled Inspection / Maintenance recorded above has been carried out in accordance with the Civil Aviation Regulations, as amended, which are applicable hereto, have been complied with.

Date: 7/11/2014

Signature:

Stamp:



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Type of maintenance performed

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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	303.4
Landings	340	Eng Cycles	227	TSO (7/11/14)	51.5
				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

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:



* Signature AMO/AME
Licence number and
Date

*** 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



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	401.5	Engine Hrs	401.5	Prop Hrs	401.5
Hrs				TSO	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 No.: 2014-0170.**
#Chapter 4, 27 and 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-903A-A). Found satisfactory. Vapor cycle brush inspection carried out i.a.w (Ref. 12-B-21-50-03-00A-313A-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-313A-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 25 ELT 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) (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-313A-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) axes and bushes inspection/check carried out i.a.w (Ref. 12-B-32-10-00-00A-313A-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-903A-A). Standby magnetic compass swing checked i.a.w (Ref. DM12-B-34-21-00-00A-903A-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-313A-A). Found satisfactory.
#Chapter 76 - Engine Controls. Propeller feathering microswitches functional test carried out i.a.w (AMM12-B-76-10-02-00A-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 modification 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:



* Signature AMO/AME
Licence number and
Date

ce specified has
: 1997, as

**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
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**CERTIFICATE RELATING TO
MAINTENANCE OF AN AIRCRAFT**



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**

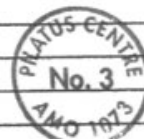
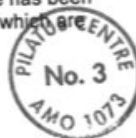
Fuselage plugs replaced. 6 x P/N:959.56.01.636 Fuselage Plugs , 6 x P/N:959.56.01.648 O-ring

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:



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.

SCHEDULED INSPECTIONS PERFORMED

[illegible]

126

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

**CERTIFICATE RELATING TO
MAINTENANCE OF AN AIRCRAFT**



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

Registration: **ZS-SML**

Page: **1**

* Signature AMO/AME
Licence number and
Date

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	533.2
Landings	613	Eng Cycles	500	TSO (NOV 2014)	281.3
				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-313A-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-313A-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:


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: 

06/05/2016

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

SCHEDULED INSPECTIONS PERFORMED

*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 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	584.9
Landings	665	Eng Cycles	552	TSO (NOV 2014)	
				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:

**CERTIFICATE RELATING TO
MAINTENANCE OF AN AIRCRAFT**



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	680.0
Landings	712	Eng Cycles	696	TSO (7/11/14)	428.1
				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:

e specified has
1997, as

SCHEDULED INSPECTIONS PERFORMED

*** 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 1967, 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 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	686.8
Landings	664	Eng Cycles	651	TSO (7/11/14)	434.9
				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 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:




* 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.

SCHEDULED INSPECTIONS PERFORMED

* **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							* 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	722.5	Engine Hrs	722.5	Prop Hrs	722.5			
				TSO (7/11/14)	470.6			
Landings	720	Eng Cycles	703	Work Order:	8292			

AIRFRAME

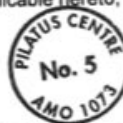
#Chapter 24 - NiCad batteries - Removed and sent for deep cycle. Returned and re-installed.
 AMM 12-B-24-30-07-00A-920B-A. **Refer to subcon: 5255 & 5257**
 #Chapter 25 - ELT - operational test carried out. (12-B-25-63-00-00A-903A-A)
Refer to subcon: 5258
 #Chapter 25 - Removed ELT for bench test in 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:



24/03/2017

CERTIFICATE RELATING TO MAINTENANCE OF AN AIRCRAFT								
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	780.0			
				TSO (7/11/14)	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:



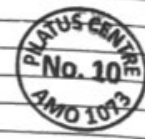
14/06/2017

*** 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		



CERTIFICATE RELATING TO MAINTENANCE

AMO NUMBER:	CERTIFICATE NUMBER:	JOB NUMBER:	AIRCRAFT REGISTRATION:
1011 FALA	12508	26129	ZS-SML
AIRCRAFT TYPE:	AIRCRAFT SIN:	COMPONENT TYPE:	COMPONENT PIN:
N/A	N/A	MAIN BATTERY	31406-002
		COMPONENT SIN:	STATUS / WORK:
		11701201	DEEP CYCLE

Maintenance Description

Deep cycle carried out on Ni-cad battery.
All cells passed test 100%.
Top charged electrolyte 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 FOLLOWING SPECIFIED MAINTENANCE, ALL THE REQUIREMENTS PRESCRIBED IN THE CIVIL AVIATION REGULATIONS, 2011, OR APPROPRIATE AUTHORITY WHICH ARE APPLICABLE THEREIN, HAVE BEEN COMPLIED WITH.

Signature of A/C Maintenance
Engineer/Organisation
CA 43-C-63

License or other Approval number
21 DECEMBER 2016

2017-08-07

PAGE 1 OF 1

CERTIFICATE RELATING TO MAINTENANCE

AMO NUMBER:	CERTIFICATE NUMBER:	JOB NUMBER:	AIRCRAFT REGISTRATION:
1011 FALA	12509	26130	ZS-SML
AIRCRAFT TYPE:	AIRCRAFT SIN:	COMPONENT TYPE:	COMPONENT PIN:
N/A	N/A	MAIN BATTERY	31406-002
		COMPONENT SIN:	STATUS / WORK:
		10802471	DEEP CYCLE

Maintenance Description

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

Manual: 24-34-00

Rev: 13, 09 OCTOBER 2015

I HEREBY CERTIFY THAT IN CARRYING OUT THE FOLLOWING SPECIFIED MAINTENANCE, ALL THE REQUIREMENTS PRESCRIBED IN THE CIVIL AVIATION REGULATIONS, 2011, OR APPROPRIATE AUTHORITY WHICH ARE APPLICABLE THEREIN, HAVE BEEN COMPLIED WITH.

Signature of A/C Maintenance
Engineer/Organisation
CA 43-C-63

License or other Approval number
21 DECEMBER 2016

2017-08-07

PAGE 1 OF 1

DART AERONAUTICAL CC
A.M.O 051

AERONAUTICAL CODE
PART 117000 12780
A/C 117000 12780
100 117000 12780
100 117000 12780
100 117000 12780
100 117000 12780

CRMA No

29074

CERTIFICATE RELATING TO MAINTENANCE OF AN AIRCRAFT

This constitutes an official CRMA and must be filed in the appropriate logbook.

AIRCRAFT TYPE: BICARRY OUT TRANSPARENT SYSTEM FUNCTIONAL TEST

AIRCRAFT SERIAL NUMBER: OR DUAL SYSTEM TEST & MODE FOUND SATISFACTORY

EQUIPMENT TYPE: SERIAL NO. SPARES

REGISTRATION ZS-SML ORDER 8646

5-MODE HEX ADD: 608XDC

1 A W SA CATS 43 02 11

* A The above mentioned equipment was examined, repaired and tested after Manufacturer's requirements

* B The above mentioned equipment is installed after

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 COMPLIED WITH.

SIGNED: AMO LICENCE No: DATE 06/08/2017

134

CERTIFICATE RELATING TO MAINTENANCE

AMO NUMBER:

1011 FALA

AIRCRAFT TYPE:

PC-1247E

AIRCRAFT SIN:

1074

COMPONENT

Emergency

Maintenance Description

Unit shipped and inspected

Cables checked and found OK

Cables checked and found OK

Top charged cells

Re-assembled unit

Bench tested and found to be serviceable.

Manual: TP-463 24-30-08

Signature of A/C Maintenance Engineer/Organisation

Signature of A/C Maintenance Engineer/Organisation

Signature of A/C Maintenance Engineer/Organisation

Signature of A/C Maintenance Engineer/Organisation

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Signature of A/C Maintenance Engineer/Organisation

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Signature of A/C Maintenance Engineer/Organisation

Signature of A/C Maintenance Engineer/Organisation

DART AERONAUTICAL CC
A.M.O 051

AERONAUTICAL CODE
PART 117000 12780
A/C 117000 12780
100 117000 12780
100 117000 12780
100 117000 12780
100 117000 12780

CRMA No

29073

CERTIFICATE RELATING TO MAINTENANCE OF AN AIRCRAFT

This constitutes an official CRMA and must be filed in the appropriate logbook.

AIRCRAFT TYPE: BICARRY OUT TRANSPARENT SYSTEM FUNCTIONAL TEST

AIRCRAFT SERIAL NUMBER: OR DUAL SYSTEM TEST & MODE FOUND SATISFACTORY

EQUIPMENT TYPE: SERIAL NO. SPARES

REGISTRATION ZS-SML ORDER 8646

5-MODE HEX ADD: 608XDC

1 A W SA CATS 43 02 11

* A The above mentioned equipment was examined, repaired and tested after Manufacturer's requirements

* B The above mentioned equipment is installed after

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 COMPLIED WITH.

SIGNED: AMO LICENCE No: DATE 06/08/2017

Pilatus
AMO 10
P.O. Bo

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

CERTIFICATE RELATING TO MAINTENANCE OF AN AIRCRAFT



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

Registration: ZS-SML

Page: 1

* Signature AMO/AME
Licence number and
Date

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	828.1
Landings	854	Eng Cycles	824	TSO (7/11/14)	576.2
				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 0.007, 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 or 12-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:4013S00278 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.

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-Aug-2017 Signature:

Stamp:



the maintenance specified in Regulations 1997, as

SCHEDULED INSPECTIONS PERFORMED

* **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



* 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	1080.1
Landings	1097	Eng Cycles	1087	TSO (7/11/14)	124.8
				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:












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.

SCHEDULED INSPECTIONS PERFORMED

** 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 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						
<p># Carried out SB 45-015 Ref 368 - Upgraded the Honeywell primus Apex operational software to build 11.</p> <p>#Carried out SB 46-007 Ref 360. Systems integration and display wireless data loading systems (Connected flight deck) software upgraded.</p> <p># Chapter 34 - Navigation. Standby magnetic compass swing check carried out i.a.w (AMM 12-B-34-20-00-00A-903A-A).</p> <p># 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</p>						
 						
<p>#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</p>						
 						
<p>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.</p>						
Date: 07/05/2015	Signature: 		Stamp: 			
<p>07/05/2015</p>  						

*** 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.

SCHEDULED INSPECTIONS PERFORMED

* *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
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**CERTIFICATE RELATING TO
MAINTENANCE OF AN AIRCRAFT**



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	955.3
Landings	964	Eng Cycles	964	TSO (16/04/2018)	0
				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 and 309) 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

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:



11.05.18

* 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 1987, as amended have been met in every respect.

SCHEDULED INSPECTIONS PERFORMED

*** 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
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**CERTIFICATE RELATING TO
MAINTENANCE OF AN AIRCRAFT**



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	989.1
				TSO (16/04/2018)	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)

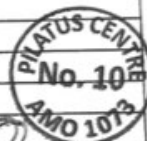
I hereby certify that the Scheduled Inspection / Maintenance recorded above has been carried out in accordance with the Civil Aviation Regulations, as amended, which are applicable hereto, have been complied with.

Date:

06/06/18

Signature:

Stamp:



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.

SCHEDULED INSPECTIONS PERFORMED

* **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 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	1031.9
Landings	1029	Eng Cycles	1047	TSO (7/11/14)	780
				Work Order:	9434

AIRFRAME

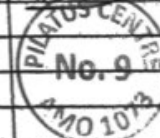
Chapter 28 - Fuel. Fuel cross vent and outward check valve
operational test carried out i.a.w 12-B-28-10-01-00A-903-A-A, Found Satisfactory

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: 

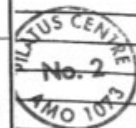
Stamp:



2/7/18

* 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.

DA

/AME Licence
per**Certificate of Release to Service**
South African Civil Aviation Part 145 Organization**AES**

AMO1011

2. Location Hangar M7 Gate 5 Lanseria Airport Lanseria 1748		3. Mail Address P O BOX 911 Lanseria 1748 Fax: +27 (0)11 701 3232 E-mail: workshops@aesreleaservice.co.za		4. AES Job Number: 28674	
6. Qty. 7. Description. 01 AIRCON MOTOR		8. Aircraft Registration ZS-SML		9. Part &/or Model No. 1134104-1	
10. Eligibility.* See note 14.2		11. Serial/Batch No. 4438		12. Status/Work BUSH 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.					
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 airframe/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 higher 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 <input type="checkbox"/> 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: [Signature] 17. Approval or PO Ref. No: 18. Name: S. C. SMITH 19. Date: 2018-08-17					

6. Qty. 7. Description. 01 MAIN BATTERY		8. Aircraft Registration ZS-SML		9. Part &/or Model No. 31406-002	
10. Eligibility.* See note 14.2		11. Serial/Batch No. 11781281		12. Status/Work DEEP CYCLE	
Remarks Deep cycle carried out on Ni-cad battery. All cells passed test 100% Top charged, electrolyte 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 airframe/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 higher 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 <input type="checkbox"/> 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: [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 Hangar M7 Gate 5 Lanseria Airport Lanseria 1748		3. Mail Address P O BOX 911 Lanseria 1748 Fax: +27 (0)11 701 3232 E-mail: workshops@aesreleaservice.co.za		4. AES Job Number: 28673	
6. Qty. 7. Description. 01 Emergency Power Supply		8. Aircraft Registration ZS-SML		9. Part &/or Model No. 501-1712-02	
10. Eligibility.* See note 14.2		11. Serial/Batch No. 81774		12. Status/Work 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 airframe/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 higher 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 <input type="checkbox"/> 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: [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**



**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	1063.5
				Prop TSO	108.2
				Prop CSO	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-SCHEDULE

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-313A-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 serviced 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 instructions CMM 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-903A-A).

Chapter 34 - Standby magnetic compass swing checked i.a.w (Ref. DM 12-B-34-21-00-00A-903A-A).

SB45-016 Ref.383 (Build 11.1) c/o at this time.

R/H inboard fuel drain replaced

amended have been met in every respect.



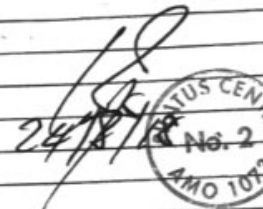
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SCHEDULED INSPECTIONS PERFORMED

*** 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.

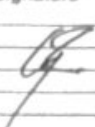
**MAINTENANCE AND DEFECT RECTIFICATION OR ANY RELEVANT MATTER
CONSIDERED NECESSARY TO RECORD OTHER THAN SCHEDULED INSPECTIONS**

<p align="center">Type of maintenance performed</p> <p># 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</p> <p># 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</p> <p># 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</p> <p>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.</p> <p>Date: 24/8/2018 Signature:  Stamp: </p>	<p>* Signature AMO/AME Licence number and Date</p> 
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* **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	1076:8	109/108	10YR INSP WINGS ETC... NIG FA INDE NAV INTERFACE.		AMO 642 No. 2



CESSNA (USA) AUTHORIZED FACILITY

BACAA CERTIFICATE OF APPROVAL NO. : AMO642

UNIT INSPECTION
AVIATION SERVICES

LANSERIA
TEL / FAX : (011) 791 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 8410
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 25 EDDY CURRENT TESTING UNIT ARDROX 970 P24 WATER WASHABLE FLUORESCENT PENETRANT	
NOTE : NDI INSPECTIONS CARRIED OUT AS PER YOUR ORDER / REQUEST DO NOT REPLACE / SUBSTITUTE ANY MANUFACTURERS S/B'S, A/D'S OR SERVICE SCHEDULES.	
RESULTS / REMARKS NO DEFECTS FOUND AT TIME OF INSPECTION.	CRITERIA / MANUAL USED REPORT ALL DEFECTS/CRACKS ETC.
INSPECTED BY LERASMUS	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



* 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
		Eng

1. STATE

2. CAUTION: AIRWORTHINESS APPROVAL AT TAIL

3. CHMER (AMM) d (500) corre N : 20

4. (C) INAVIATION NAME AND ADDRESS

5. HANGAR NO. LANSERIA INTERNATIONAL AIRPORT, JOHANNESBURG, SOUTH AFRICA, 1748

6. TEL : 27 11 791 3244 FAX : 27 86 618 4992

7. PART NUMBER

8. ELIABILITY

9. QUANTITY

10. SERIAL/ATCH NUMBER

11. STATUS/WORK

12. SERVICEABLE

13. WORK ORDER/CONTRACT/VOICE NUMBER

14. JC: 39050

15. 39050

16. FORM TRACKING NUMBER

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

**CERTIFICATE RELATING TO
MAINTENANCE OF AN AIRCRAFT**



* 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	1076.8
				Prop TSO	121.5
				Prop CSO	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



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:



[Signature]
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.