

Work Report with Partnumbers

Order No.:



1312/16-2

Registration: N9127Z	Model: Piper PA-46-310P	TCDS: EASA.IM.A.077	Serial No.: 4608059	Year of Construction: 1987	Date: 11.07.2017
Operation Time: 4157:44	Landings: 0		Zähler 1 (Tach Time): 138,4 hrs		

No.	ATA-No.	Complaint		Action	Mechanic	Inspector/CS CS DI	Planned time
		P/N Removed	S/N Removed				
1		Due removal/performance of: Annual inspection (Inspection) Intervals: 12 Months (TCI) Last performance: 15.02.2016		Preparatory work for annual inspection performed	MM	MM	
2		Check and add time limit list		Performed, see time limit list	MM	MM	
3		Check AD status		Performed, see AD report	MM	MM	
4		Perform incoming engine run up		Run up not possible because of belly landing	SCHR	MM	
5		Due removal/performance of: 50h inspection (Inspection) Intervals: 50 Hours (TCI) Last performance: 4068:29 Std		Inspection i.a.w. Piper MM 761-783 Rev. from 01.04.2014 performed	MA,SCHM	MM	
6		Due removal/performance of: 100h inspection (Inspection) Intervals: 100 Hours (TCI) Last performance: 4068:29 Std		Inspection i.a.w. Piper MM 761-783 Rev. from 01.04.2014 performed	MA,SCHM	MM	
7		Due removal/performance of: Fuel Tank Inspection (Airframe) Intervals: 24 Months (TCI) Last performance: 15.07.2014		Fuel tank inspection i.a.w. Piper MM 761-783 Rev. from 01.04.2014 performed, no defects detected	MA	MM	1
8		Due removal/performance of: SB 1175 B Pilot side window inspection (Airframe) Intervals: 50 Hours (TCI) Last performance: 4068:29 Std		Pilot side window inspection performed, no cracks detected	MA	MM	0,25
9		Due removal/performance of: Magnetic compass compensation (Inspection) Intervals: 12 Months (TCI) Last performance: 15.02.2016		Work performed, see compensating report	MA	MM	

Legend:

Co1=Tach Time,hrs

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	P/N Removed	S/N Removed		P/N Installed	S/N Installed				
10			Due removal/performance of: Sani pack check for completeness and exp. date (Inspection) Intervals: 12 Months (TCI) Last performance: 15.02.2016			Performed, sani pack found in good and complete condition	MA	MM	0,25
11			Due removal/performance of: Fire extinguisher weight check (Inspection) Intervals: 12 Months (TCI) Last performance: 15.02.2016			Fire extinguisher weight check performed, fire extinguisher found in limit	MA	MM	0,25
12	10-500556-101 D13HA084R		Due removal/performance of: Magneto LH (Engine) Model: Slick 6320 Intervals: 500 Hours (TIS) Last performance: 3742			Magneto during shock loading inspection replaced by new overhauled Bendix S6RSC-25P S/N D11HA035R, Magneto timing after engine installation checked and corrected	SCHM	MM	0,5
13	10-500556-101 D13HA084R		Due removal/performance of: Magneto LH (Engine) Model: Slick 6320 Intervals: 48 Months (TIS) Last performance: 23.09.2013			Magneto during shock loading inspection replaced by new overhauled Bendix S6RSC-25P S/N D11HA035R, Magneto timing after engine installation checked and corrected	SCHM	MM	
14	10-500556-101 D13HA068R		Due removal/performance of: Magneto RH (Engine) Model: Slick 6320 Intervals: 500 Hours (TIS) Last performance: 3742			Magneto during shock loading inspection replaced by new overhauled Bendix S6RSC-25P S/N D13HA069R, Magneto timing after engine installation checked and corrected	SCHM	MM	0,5
15	10-500556-101 D13HA068R		Due removal/performance of: Magneto RH (Engine) Model: Slick 6320 Intervals: 48 Months (TIS) Last performance: 23.09.2013			Magneto during shock loading inspection replaced by new overhauled Bendix S6RSC-25P S/N D13HA069R, Magneto timing after engine installation checked and corrected	SCHM	MM	

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No.	P/N Removed		Complaint	P/N Installed	Action	Mechanic	Inspector/CS CS DI	Planned time
	S/N Removed							
16	MTV-14-D/195-30a 98373		Due removal/performance of: Propeller MTV (Engine) Model: MTV-14-D Intervals: 2400 Hours (TBO) Last performance: 3881		Propeller after belly landing removed, overhaul performed by MT-Propeller i.a.w. WO. 1010012378-1, propeller after overhaul installed	MA	MM	6
17	MTV-14-D/195-30a 98373		Due removal/performance of: Propeller MTV (Engine) Model: MTV-14-D Intervals: 72 Months (TBO) Last performance: 15.07.2014		Propeller after belly landing removed, overhaul performed by MT-Propeller i.a.w. WO. 1010012378-1, propeller after overhaul installed	MA	MM	
18	E-5-2 5340-SJ		Due removal/performance of: Governor Hartzell (Engine) Intervals: 2000 Hours (TBO) Last performance: 3881.06 Std		Propeller governor after belly landing removed, overhaul performed by MT-Propeller i.a.w. WO. 1010012378-2*, governor after overhaul installed	MA	MM	1,5
19			Perform engine shock loading inspection after belly landing		Engine removed, therefore sensor connections, fluid hoses, exhaust system and turbo charger, bowden cables ect. removed, engine removed and packed, inspection/repair performed by Norvic Aero Engines LTD i.a.w. WO. ENG3612, engine with new shock mounts and new mounting bolts after repair installed, exhaust system, turbo chargers, sensor connections, baffles ect. installed	MA,SCHM	MM	55
20			Perform engine mount inspection		Engine mount during engine removal inspected for condition and cracks, no defects detected	MA	MM	2
21			Air condition system loses 8 Bar pressure during one night		Troubleshooting performed, completet system checked for leakage, all connections, hoses, lines ect. checked for thightness, A/C compressor is leaking, new overhauled A/C compressor P/N 557-390 S/N 0576109080 with new drive belt installed, A/C system filled by Fa. Krä, functional test ok.	MA	MM	7

Legend:

Col=Tach Time,hrs

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Ref.Document: 761-783 Revision 4 dated 26.05.201

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No.	Complaint		Action	Mechanic	Inspector/CS CS DI	Planned time
	P/N Removed	S/N Removed				
22		Both windshields u/s <i>R/H</i>	All cockpit components for windshield removing disassembled and removed, both windshields removed, mating surface cleaned, new windshields l/h and r/h P/N 82280-003 and -002 with new screws and nuts installed and sealed, all cockpit components installed, functional check ok.	MA, SCHM	MM	25
23		Both flaps are broken because of belly landing	Both flaps removed, repair performed by Fa. Broken Wings, both flaps after repair installed, functional test ok.	MA	MM	6
24		Both ailerons are broken because of belly landing	Both ailerons removed, repair performed by Fa. Broken Wings, both ailerons after repair installed, functional test ok.	MA	MM	4
25		Bottom of fuselage is broken because of belly landing	Interior and all fuselage floor panels removed, all broken parts renewed by Fa. Broken Wings, floor panels and interior installed	MA	MM	5
26		Install new antennas at bottom of fuselage	Antennas installed by Fa. Avionik Straubing	MA	MM	
27		Lower cowling is broken because of belly landing	All broken parts renewed and adapted by Fa. Broken Wings	TH	MM	
28		Install new scoring protection at new cowling parts	New scoring protection glued	MA	MM	1

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No.	ATA-No.	Complaint		P/N Installed	S/N Installed	Action	Mechanic	Inspector/CS CS DI	Planned time
		P/N Removed	S/N Removed						
29			NLG door are broken because of belly landing			New NLG doors installed and adapted by Fa. Broken Wings	TH	MM	
30			Perform LDG rigging			LDG rigging performed, retraction and door closing adjusted, functional test ok.	SCHM	MM	3
31			Alternator warning light does not extinguish			Troubleshooting performed, all wirings checked, both alternator outputs and inputs checked, annunciator panel checked, both voltage regulators checked, one regulator is defect, new voltage regulator installed, both regulators i.a.w. Piper MM adjusted, functional test ok.	PR,RS	MM	6
32			Waste gate drain line is broken			New drain line prepared and installed	SCHM	MM	1
33			Waste gate heat shields are not installed			Waste gate heat shields prepared and installed	SCHM	MM	1,5
34			MLG l/h and r/h brake disc are worn out			Both wheels removed and disassembled, brake discs renewed, wheels assembled and installed MLG l/h and r/h new brake linings installed, functional test ok.	MA	MM	3
35			MLG l/h brake caliper is leaky			Brake caliper removed, disassembled and cleaned, caliper with new o-rings assembled and installed, brake system ventilated, functional test ok.	MA	MM	2
36			NLG wheel bearings are damaged			New wheel bearings and bearing cups installed, new bearings lubricated	MA	MM	1

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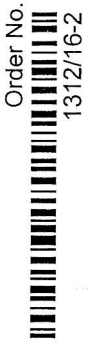
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	P/N Removed	S/N Removed				
37		NLG down lock lamps inop.		MA	MM	0,25
38		Add new hook and loop fastener in cabin for floor carpet	New hook and loop fastener installed	MA	MM	1
39		Battery connection cover is missing	New connection cover installed	MA	MM	0,25
40		Hydr. power pack shock absorb washer defect	New shock absorb washer installed	MA	MM	1
41		Install new RPM sensor at Bendix Magnetos	New RPM sensor installed	MA	MM	0,5
42		Perform engine adjustment	Engine adjustment i.a.w. Continental OVH Manual and Conti SID-97-3G performed, functional test ok.	MA,RS	MM	2,5
43		Original TIT indication has no function	Troubleshooting performed, TIT Probe defect, new probe installed, functional test ok.	SCHM	MM	1
44		Exhaust Pipe L/H heat shields defect	New heat shields manufactured and installed	SCHM,TH	MM	2
45		Due removal/performance of: Aircraft weighting (Inspection) Intervals: nach Zustand Last performance:	Both fuel tanks drained, weighting performed, aircraft refueled, see weighting report	MA	MM	2

Legend:

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No.	P/N Removed		Complaint	P/N Installed		Action	Mechanic	Inspector/CS CS DI	Planned time
	ATA-No.	S/N Removed		S/N Installed					
46			Perform FOD inspection and check tool box for completeness			performed	MA,SCHM,TH	MM	
47			Perform final engine run up			performed, see run up report	RS	MM	
48			Perform checkflight			Check flight after shock loading performed, no defects detected	WR	MM	



Date: 07/05/2017 Sign of Inspector / CS: *M. Schob* Stamp

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Registration: N9127Z	Model: Piper PA-46-310P	TCDS: EASA.IM.A.077	Serial No.: 4608059	Year of Construction: 1987	Date: 12.12.2016
Operation Time: 4157:44	Landings: 0	Zähler 1 (Tach Time): 138,4 hrs			

No.	Complaint		Action	Inspector/CS CS DI	Planned time
	P/N Removed	S/N Removed			
1		Belly landing in Manching/ETSI	Journey from Straubing/EDMS to Manching/ETSI performed	MM	1,5
2		Set up aircraft on wheels	Aircraft set on wheels, landing gear extended and locked, aircraft towed to hangar	MM	4
3		Inspect aircraft after belly landing	Inspection performed, found broken propeller, damaged belly skin, cowling, NLG doors, flaps and ailerons	MM	1
4		Perform journey back to Straubing/EDMS	Journey from Manching/ETSI to Straubing/EDMS performed	MM	1,5
5		Prepare tools and loaner propeller	performed	MM	0,5
6		Perform journey to Manching/ETSI	Journey from Straubing/EDMS to Manching/ETSI performed	MM	1,5
7		Prepare aircraft for ferry flight to EDMS	All damaged parts prepared for ferry flight	MM	2
8		Replace damaged propeller with loaner propeller	Propeller changed, BHC-C2YF-1BF/F8052B S/N AM-2885 installed	MM	6
9		Perform final engine run up	performed, no discrepancies detected	MM	0,5

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No.	Complaint		Action	Mechanic	Inspector/CS CS DI	Planned time
	P/N Removed	S/N Removed				
10		Perform ferry flight from ETSI to EDMS	Ferry flight performed by owner	RC	MM	
11		Perform journey back to Straubing/EDMS	Journey from Manching/ETSI to Straubing/EDMS performed	FG,SCHR	MM	1,5



Stamp

M. Auers

Sign of Inspector / CS:

Date: 07/25/2017