



ROBERT RIEGER GMBH
DE.145.0170

Work Report with Partnumbers

Page 1 of 1
Order No. 
1006/16

Registration: N9127Z Model: Piper PA-46-310P TCDS: EASA.IM.A.077 Serial No.: 4608059 Year of Construction: 1987 Date: 15.02.2016
Operation Time: 4068:29 Landings/Cycles: 0 Zähler 1 (Tach Time): 138,4 hrs

No.	P/N Removed		Complaint	P/N Installed		Action	Mechanic	Inspector CS DI	Planned time
	ATA No.	S/N Removed		S/N Installed	C/N Installed				
1			Annual inspection (Inspection) Due interval: 12 Monate Last performance at: 26.02.2015			Preparatory work for annual inspection performed	MW	MW	
2			Check and add time limit list			performed, see time limit list	SCHR	SCHR	
3			Check AD status			performed, see AD report	SCHR	SCHR	
4			Perform incoming engine run up			performed, see run up report	KR	SCHR	
5			Perform 50h inspection (Inspection) Due interval: 50 Stunden Last performance at: 3966:59 Std			i.a.w. Piper MM 761-783 Rev. from 01.04.2014 performed	KR	SCHR	
6			Perform 100h inspection (Inspection) Due interval: 100 Stunden Last performance at: 3966:59 Std			i.a.w. Piper MM 761-783 Rev. from 01.04.2014 performed	KR	SCHR	




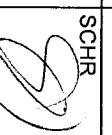
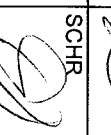
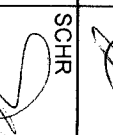
Registration: N9127Z Model: Piper PA-46-310P TCDS: EASA.IM.A.077 Serial No.: 4608059 Year of Construction: 1987 Date: 15.02.2016
 Operation Time: 4068,29 Landings/Cycles: 0 Zähler 1 (Tach Time): 138,4 hrs

No.	P/N Removed		Complaint	P/N Installed		Action	Mechanic	Inspector CS DI	Planned time
	S/N Removed	C/N Removed		S/N Installed	C/N Installed				
7			Perform Flap bellcrank welding inspection (Airframe) Due interval: 100 Stunden Last performance at: 3881:06 Std			New type of bell cranks are installed, no cracks detected	KR	SCHR	0,5
8			SB 1175B Pilot side window inspection (Airframe) Due interval: 50 Stunden Last performance at: 3966:59 Std			Pilot side window inspection performed, no cracks detected	KR	SCHR	0,5
9			Perform XPDR Test (Inspection) Due interval: 24 Monate Last performance at: 11.09.2013			Work performed by Fa. Avionik Straubing	KR	SCHR	
10			Perform Static pressure system and altimeter check (Inspection) Due interval: 24 Monate Last performance at: 11.09.2013			Work performed by Fa. Avionik Straubing	KR	SCHR	
11			Perform Magnetic compass compensation (Inspection) Due interval: 12 Monate Last performance at: 18.04.2014			Work performed by Fa. Avionik Straubing	KR	SCHR	
12			First Aid Kit check for completeness and exp. date (Inspection) Due interval: 12 Monate Last performance at: 15.07.2014			performed, sani pack found in good and complete condition	KR	SCHR	

Registration: N9127Z Model: Piper PA-46-310P TCDS: EASA.M.A.077 Serial No.: 4608059 Year of Construction: 1987 Date: 15.02.2016
 Operation Time: 4068:29 Landings/Cycles: 0 Zähler 1 (Tach Time): 138,4 hrs

No.	P/N Removed		Complaint	P/N Installed		Action	Mechanic	Inspector CS DI	Planned time
	S/N Removed	C/N Removed		S/N Installed	C/N Installed				
13			Perform Fire extinguisher weight check (Inspection) Due interval: 12 Monate Last performance at: 15.07.2014			Fire extinguisher weight check performed, fire extinguisher found in limit	KR	SCHR	
14			Perform oil sample for analysis			Performed, oil sample sent to lab	KR	SCHR	0,25
15			Refill brake fluid reservoir			Reservoir with fluid 41 refilled	KR	SCHR	0,25
16			Switch GamInjector Cyl.6#			Performed, nozzle switched	KR	SCHR	0,5
17			Replace aileron system cables			Aileron system cables replaced, aileron system i.a.w. Piper MM rigged, functional test ok.	KR	SCHR	8
18			Engine oil pressure switch is leaky			New oil pressure switch P/N 588-206 installed	KR	SCHR	0,5






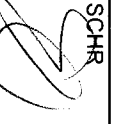
Registration: N9127Z	Model: Piper PA-46-310P	TCDS: EASA.IM.A.077	Serial No.: 4608059
Operation Time: 4068:29	Landings/Cycles: 0	Year of Construction: 1987	Date: 15.02.2016
		Zähler 1 (Tach Time): 138,4 hrs	

No.	P/N Removed		Complaint	P/N Installed		Action	Mechanic	Inspector CS DI	Planned time
	S/N Removed	C/N Removed		S/N Installed	C/N Installed				
19			Elevator r/h de-ice boot has two small holes			Both holes repaired	KR	SCHR 	0,5
20			Cabin l/h bar drawer do not work			Drawer repaired, functional test ok	KR	SCHR 	1,5
21			Elevator steering wheel is bumping against FWR pressure bulkhead			Elevator system and steering wheel adjusted, functional test ok	KR	SCHR 	1
22			Perform Piper SB 1021			SB performed, functional test ok.	KR	SCHR 	3
23			Several cables around battery compartment are misplaced			Cables well sorted and bond together	KR	SCHR 	0,25
24			NLG trunnion has two cracks			New NLG trunnion P/N 100683-005 installed	KR	SCHR 	4

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No.	P/N Removed		Complaint	P/N Installed		Action	Mechanic	Inspector CS DI	Planned time
	S/N Removed	C/N Removed		S/N Installed	C/N Installed				
25			Heatshield is rubbing against engine mount			Heat shield repaired and placed in better condition	KR	SCHR	1
26			Door light do not work			New bulb installed, functional test ok.	KR	SCHR	0,25
27			One spark plug is broken			New spark plug installed	KR	SCHR	0,25
28			Aileron cable boots are broken			Boots renewed	KR	SCHR	3
29			MLG l/h and r/h brake caliper is leaking			Both brake calipers removed, disassembled and cleaned, brake calipers with new o-rings assembled and installed, brake system ventilated, functional test ok.	KR	SCHR	3
30			Install speed brakes after repair by Precise Flight Inc.			Speed brakes installed and adjusted, functional test ok.	KR	SCHR	4

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 Operation Time: 4068:29 Landings/Cycles: 0 Zähler 1 (Tach Time): 138,4 hrs

No.	P/N Removed	Complaint	P/N Installed		Action	Mechanic	Inspector CS DI	Planned time
			S/N Removed	C/N Removed				
31		MLG door r/h metal plate for uplock switch is missing			New metal plate installed	KR	SCHR 	1
32		Flap roller bolts are worn out			All flap bolts renewed	KR	SCHR 	2
33		Wing r/h inb. stall stripe is separating			Stall stripe glued	KR	SCHR 	0.25
34		Retighten all rocker box cover screws			Performed, all screws retighten	KR	SCHR 	0.25
35		Perform FOD inspection and check tool box for completeness			performed	KR	SCHR 	
36		Perform final engine run up			performed, see run up report	KR	SCHR 	

Registration: N9127Z Model: Piper PA-46-310P TCDS: EASA.IM.A.077 Serial No.: 4608059 Year of Construction: 1987 Date: 15.02.2016
 Operation Time: 4068:29 Landings/Cycles: 0 Zähler 1 (Tach Time): 138,4 hrs

No.	P/N Removed		Complaint	P/N Installed		Action	Mechanic	Inspector CS DI	Planned time
	S/N Removed	C/N Removed		S/N Installed	C/N Installed				
37			Perform checkflight			performed, without any interception	WR	SCHR	

Date: 15.02.2016 Sign of Inspector / CS: 



Start at: 09:30 AM

Order-No.: 1006/16

Type: Piper PA-46-310P			Serial No.: 4608059				Registration: N9127Z		
run up	revolution	manifold pressure	oil pressure	oil temperature	fuel pressure	fuel flow rate	cyl. head temperature	suction	Ampere
indication	RPM	InHg	PSI	°F	PSI	Gal/Hr	°F	InHg	A
max. Power	2530	35,0	green	green	-	39,0	290	5,0	+
	-	-	-	-	-	-	-	-	-
idle	830	15,8	green	green	-	2,8	284	4,8	+
	-	-	-	-	-	-	-	-	-
propeller control check			magneto check		carb. heat check		brakes hold to		
			M1 + M2	M1	M	OFF	ON	max	
low	2000	23,1	2000	-50	-50	-	-	max	RPM
pitch	-	-	-	-	-	-	-	-	RPM
high	1700	25,0	altimeter chec			Indicator 1		Indicator 2	
pitch	-	-	QFE 987 hPa			0 ft		0 ft	
			QNH 1026 hPa			1060 ft		1050 ft	

functional test (on ground and during ground roll)

discrepancies:

yes no not checked

yes	no	not checked	
<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	engine start up
<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	smooth engine operation
<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	cowl flaps check
<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	prop. control / synchr.
<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	prop. feather check
<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	alternator / generator check
<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	flight controls
<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	fuel shut off
<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	fuel selector
<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	aux. fuel pumps
<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	mixture operation
<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	park brake
<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	dynamic brake operation
<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	

yes no not checked

yes	no	not checked	
<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	steering
<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	smooth gear strut operation
<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	instrument indications
<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	gyro instruments
<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	anti / de-ice systems
<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	windshield heat / wiper
<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	pressurized cabin
<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	cabin air / ventilation
<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	cabin heating / air condition
<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	light check
<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	pitot heat
<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	stall warning
<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	flaps
<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	flap indication
<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	magneto ground check

field elevation 1054 ft

temperature +2 °C

other checks

discrepancies:

yes no not checked

yes	no	not checked	
<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	spark plugs
<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	oil filter
<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	cylinder endoscope
<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	cyl. diff. press. test
<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	F.O.D. check
<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	EGT temperature
<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	leak check after run up

cylinder differential pressure test	cyl. No.	1	2	3	4	5	6	7	8
engine	-	-	-	-	-	-	-	-	-
	-	-	-	-	-	-	-	-	-

No.	discrepancies	action	inspection note
1			
2			
3			
4			
5			

Model and Serialnumbers of engines and propeller
see operation time overview dated

passed

repeat run up

After elimination of discrepancies
passed without new run up check

EDMS / Straubing,

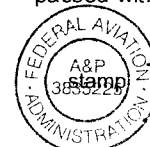
18.01.2016

place

date of issue

mechanic

ASA-AMOffice Form No.: EN13a Rev. 5



Inspector / CS

Start at: 04:00 PM

Order-No.: 1006/16

Type: Piper PA-46-310P				Serial No.: 4608059			Registration: N9127Z		
run up	revolution	manifold pressure	oil pressure	oil temperature	fuel pressure	fuel flow rate	cyl. head temperature	suction	Ampere
indication	RPM	InHg	PSI	°F	PSI	Gal/Hr	°F	InHg	A
max. Power	2550	35,7	green	green	-	36,3	330	5,0	+
	-	-	-	-	-	-	-	-	-
idle	850	16,0	green	green	-	2,8	290	4,5	+
	-	-	-	-	-	-	-	-	-
propeller control check			magneto check		carb. heat check		brakes hold to		
			M1 + M2	M1	M	OFF	ON	max	
low	2000	22,8	2000	-50	-50	-	-	max	RPM
pitch	-	-	-	-	-	-	-	-	RPM
high	1700	25,1							
pitch	-	-							
				altimeter chec		Indicator 1		Indicator 2	
				QFE	972 hPa	0 ft		0 ft	
				QNH	1010 hPa	1050 ft		1040 ft	

functional test (on ground and during ground roll)

discrepancies:

yes no not checked

<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	engine start up
<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	smooth engine operation
<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	cowl flaps check
<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	prop. control / synchr.
<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	prop. feather check
<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	alternator / generator check
<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	flight controls
<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	fuel shut off
<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	fuel selector
<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	aux. fuel pumps
<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	mixture operation
<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	park brake
<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	dynamic brake operation

yes no not checked

<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	steering
<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	smooth gear strut operation
<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	instrument indications
<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	gyro instruments
<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	anti / de-ice systems
<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	windshield heat / wiper
<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	pressurized cabin
<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	cabin air / ventilation
<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	cabin heating / air condition
<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	light check
<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	pitot heat
<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	stall warning
<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	flaps
<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	flap indication
<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	magneto ground check

field elevation

1054 ft

temperature

+ 7 °C

other checks

discrepancies:

yes no not checked

<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	spark plugs
<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	oil filter
<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	cylinder endoscope
<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	cyl. diff. press. test
<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	F.O.D. check
<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	EGT temperature
<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	leak check after run up

cylinder differential pressure test	cyl. No.	1	2	3	4	5	6	7	8
engine									

No.	discrepancies	action	inspection note
1			
2			
3			
4			
5			

Model and Serialnumbers of engines and propeller
see operation time overview dated 15.02.2016

passed

repeat run up

After elimination of discrepancies
passed without new run up check

EDMS / Straubing

15.02.2016

place
ASA-AMOffice Form No.: EN13b Rev. 6_exit

date of issue

mechanic



Inspector / CS

Registration: N9127Z Model: Piper PA-46-310P TCDS: EASA,IM.A.077 Serial No.: 4608059 Year of Construction: 1987 Date: 15.02.2016
 Operation Time: 4068:29 Landings: 0

Description / ATA-No.	Model	Operation Time of Part			Operation Time of Aircraft / Component			Realisation Date		Per & dis **	Residual Term* / Inspection-note
		Permissible Operation Time	Before Installation	Total Operation Time ***	At Installation	Removal due	At Removal	Installation	Removal		
Folder / ATA-No. Comment	Serial-No. Part-No.										
Engine TCM	TSIO-550-C 1008922	TBO TBO	2000 Std 144 Mon	N/A N/A N/A	3742:42 Std 3742:42 Std	5742:42 Std Sep 2025		23.09.2013 3742:42 Std			1674:13 Stk 115 Mor
Propeller MTV	TSIO-550-C14B MTV-14-D 98373	TBO TBO	2400 Std 72 Mon	N/A N/A N/A	3881:06 Std 3881:06 Std	6281:06 Std Jul 2020		15.07.2014 3881:06 Std			2212:37 Stk 53 Mor
Governor Hartzell	MTV-14-D/195-30a F-5-2	TBO	2000 Std	N/A N/A N/A	3881:06 Std	5881:06 Std		15.07.2014			1812:37 Stk
Alternator I	013GA026R 646843	TBO TIS	2000 Std 500 Std	N/A N/A N/A	3742:42 Std 3742:42 Std	5742:42 Std 4242:42 Std		23.09.2013 3742:42 Std			1674:13 Stk 174:13 Stk
Alternator II	H-M100609 DOFF10300BR / E3FF10300BA	TBO TIS	2000 Std 500 Std	N/A N/A N/A	3742:42 Std 3742:42 Std	5742:42 Std 4242:42 Std		23.09.2013 3742:42 Std			1674:13 Stk 174:13 Stk
Starter TCM	H-U-221304 646275-1	TBO TIS	2000 Std 500 Std	N/A N/A N/A	3742:42 Std 3742:42 Std	5742:42 Std 4242:42 Std		23.09.2013 3742:42 Std			1674:13 Stk 174:13 Stk

[Handwritten Signature]

* The residual term is calculated based on the current operation time and the maximum permitted operation time. ** The residual term is calculated based on the current operation time and the maximum permitted operation time. *** The total operation time is the sum of the permissible operation time and the time before installation.

Registration: N9127Z Model: Piper PA-46-310P TCDS: EASA.IM.A.077 Serial No.: 4608059 Year of Construction: 1987 Date: 15.02.2016
 Operation Time: 4068:29 Landings: 0

Description / ATA-No.	Model	Permissible Operation Time	Operation Time of Part			Operation Time of Aircraft / Component			Realisation Date		Per & dis **	Residual Term* / Inspection-note
			Before Installation	Total Operation Time ***	At Installation	Removal due	At Removal	Installation	Removal			
Magneto LH	Slick 6320	TBO	2000 Std	N/A	3742:42 Std	5742:42 Std			23.09.2013		<input type="checkbox"/>	1674:13 Stk
	D13HA084R	TIS	500 Std	N/A	3742:42 Std	4242:42 Std			3742:42 Std		<input type="checkbox"/>	174:13 Stk
	10-500556-101	TIS	48 Mon	N/A	3742:42 Std	Sep 2017			23.09.2013		<input type="checkbox"/>	19 Mor
Magneto RH	Slick 6320	TBO	2000 Std	N/A	3742:42 Std	5742:42 Std			23.09.2013		<input type="checkbox"/>	1674:13 Stk
	D13HA068R	TIS	500 Std	N/A	3742:42 Std	4242:42 Std			3742:42 Std		<input type="checkbox"/>	174:13 Stk
	10-500556-101	TIS	48 Mon	N/A	3742:42 Std	Sep 2017			23.09.2013		<input type="checkbox"/>	19 Mor
Fuel Pump	B13HA093R	TBO	2000 Std	N/A	3742:42 Std	5742:42 Std			23.09.2013		<input type="checkbox"/>	1674:13 Stk
	649368-20A2			N/A							<input type="checkbox"/>	
				N/A							<input type="checkbox"/>	
Controller Wastegate	H-QCDD00128	TBO	2000 Std	N/A	3742:42 Std	5742:42 Std			23.09.2013		<input type="checkbox"/>	1674:13 Stk
	646318-4			N/A							<input type="checkbox"/>	
				N/A							<input type="checkbox"/>	
Waste Gate Valve	H-QCDD00202	TBO	2000 Std	N/A	3742:42 Std	5742:42 Std			23.09.2013		<input type="checkbox"/>	1674:13 Stk
	646 317			N/A							<input type="checkbox"/>	
				N/A							<input type="checkbox"/>	
Turbo LH	H-QEL00168	TBO	2000 Std	N/A	3742:42 Std	5742:42 Std			23.09.2013		<input type="checkbox"/>	1674:13 Stk
	466304-9003			N/A							<input type="checkbox"/>	
				N/A							<input type="checkbox"/>	

Operation Time Overview

Page 3 of 4
Order No. 
1006/16

Registration: N9127Z	Model: Piper PA-46-310P	TCDS: EASA.IM.A.077	Serial No.: 4608059
Operation Time: 4068:29	Landings: 0	Year of Construction: 1987	Date: 15.02.2016

Description / ATA-No.	Model	Serial-No.	Part-No.	Operation Time of Part			Operation Time of Aircraft / Component			Realisation Date		Per & dis **	Residual Term* / Inspection-note
				Permissible Operation Time	Before Installation	Total Operation Time ***	At Installation	Removal due	At Removal	Installation	Removal		
Turbo RH	H-QEEL00170 466304-9003			TBO		N/A N/A N/A	3742:42 Std	5742:42 Std		23.09.2013		1674:13 Stk	
Engine Hoses				TBR		N/A N/A N/A	3742:42 Std	4742:42 Std		20.09.2013		674:13 Stk	
				TBR		N/A N/A N/A	3742:42 Std	Sep 2021		3742:42 Std		67 Mor	
Engine air filter				TBR		N/A N/A N/A	3742:42 Std	4242:42 Std		23.09.2013		174:13 Stk	
Vacuum Pump LH	PS60007-3					N/A N/A N/A							
				TCI		N/A N/A N/A	3742:42 Std	4342:42 Std		23.09.2013		274:13 Stk	
Drive Vacuum Pump LH	62396 AA442CW-4			TBR		N/A N/A N/A	3742:42 Std	Sep 2019		23.09.2013		43 Mor	
Vacuum Pump RH	82-06768					N/A N/A N/A							
				TCI		N/A N/A N/A	3742:42 Std	4342:42 Std		23.09.2013		274:13 Stk	
Drive Vacuum Pump RH	AP517 442CW-4			TBR		N/A N/A N/A	3742:42 Std	Sep 2019		23.09.2013		43 Mor	
	82-06768					N/A N/A N/A							

Registration: N9127Z	Model: Piper PA-46-310P	TCDS: EASA.IM.A.077	Serial No.: 4608059
Operation Time: 4068:29	Landings: 0	Year of Construction: 1987	Date: 15.02.2016

Description / ATA-No.	Model	Operation Time of Part			Operation Time of Aircraft / Component			Realisation Date		Per & dis **	Residual Term* / Inspection-note
		Permissible Operation Time	Before Installation	Total Operation Time ***	At Installation	Removal due	At Removal	Installation	Removal		
Folder / ATA-No. Comment	Serial-No. Part-No.	n.Zust.		N/A N/A N/A	3523:00 Std			01.10.2010		<input type="checkbox"/>	
A/C Compressor Sanden				N/A N/A N/A						<input type="checkbox"/>	
Engine mount crack Inspection		TCI	100 Std	N/A N/A N/A	0:00 Std					<input checked="" type="checkbox"/>	-3968:29 S

[Handwritten Signature]

Registration: N9127Z	Model: Piper PA-46-310P	TCDS: EASA.IM.A.077	Serial No.: 4608059	Year of Construction: 1987	Date: 15.02.2016
Operation Time: 4068:29	Landings: 0				

Description / ATA-No.	Model	Permissible Operation Time	Operation Time of Part		Operation Time of Aircraft / Component		Realisation Date		Per & dis **	Residual Term* / Inspection-note
			Before Installation	Total Operation Time ***	At Installation	Removal due	At Removal	Installation		
Vacuum Manifold Valve	4120-4 1H5-18	TBR	120 Mon	N/A N/A N/A	3881:06 Std	Jul 2024		15.07.2014	<input type="checkbox"/>	101 Mor
Vacuum Manifold Valve	4154-21 1H5-20	TBR	120 Mon	N/A N/A N/A	3881:06 Std	Jul 2024		15.07.2014	<input type="checkbox"/>	101 Mor
Pressure Manifold Valve	2250-1 1H24-18	TBR	120 Mon	N/A N/A N/A	3881:06 Std	Jul 2024		15.07.2014	<input type="checkbox"/>	101 Mor
Oxygen Bottle Aerox	DC621022 DOT-3AL2015 / 400R2C	TBO	60 Mon	N/A N/A N/A	3881:06 Std	Jul 2019		15.07.2014	<input type="checkbox"/>	41 Mor
Oxygen generators PAX Only		TBR	144 Mon	N/A N/A N/A	3881:06 Std	---		15.07.2014	<input checked="" type="checkbox"/>	125 Mor
Vacuum central air filter	801386-22	TBR	500 Std	N/A N/A N/A	3881:06 Std	4381:06 Std		15.07.2014	<input type="checkbox"/>	312:37 Stc
Hydraulic hoses to LDG actuator	D9-18-1	TBR TBR	1000 Std 96 Mon	N/A N/A N/A	3881:06 Std 3881:06 Std	4881:06 Std Jul 2022		15.07.2014 3881:06 Std	<input type="checkbox"/> <input type="checkbox"/>	812:37 Stc 77 Mor

Signature: _____

Registration: N9127Z Model: Piper PA-46-310P TCDS: EASA.IM.A.077 Serial No.: 4608059 Year of Construction: 1987 Date: 15.02.2016
 Operation Time: 4068:29 Landings: 0

Description / ATA-No.	Model	Operation Time of Part			Operation Time of Aircraft / Component			Realisation Date		Per & dis **	Residual Term* / Inspection-note
		Permissible Operation Time	Before Installation	Total Operation Time ***	At Installation	Removal due	At Removal	Installation	Removal		
Folder / ATA-No.	Serial-No.										
Comment	Part-No.										
Pressurized structure (Life limit)		TBR	10000 Std	N/A	0:00 Std	10000:00 Std		01.01.1987		5931:31 Std	
Wing and associated structure (Life limit)		TBR	15580 Std	N/A	0:00 Std	15580:00 Std				11511:31 S	
Fire extinguisher	HAL-1 A24989 74-00	TBO	120 Mon	N/A	3881:06 Std	Jul 2024		15.07.2014		101 Mor	
Fuel Tank Inspection		TCl	500 Std	N/A	3881:06 Std	4381:06 Std		15.07.2014		312:37 Std	
		TCl	24 Mon	N/A	3881:06 Std	Jul 2016		3881:06 Std		5 Mor	
Airborne de-ice pressure control valve		TCl	400 Std	N/A	3881:06 Std	4281:06 Std		15.07.2014		212:37 Std	
Airframe interior inspection		TCl	2000 Std	N/A	3881:06 Std	5881:06 Std		15.07.2014		1812:37 Std	
		TCl	84 Mon	N/A	3881:06 Std	Jul 2021		3881:06 Std		65 Mor	

Registration: N9127Z	Model: Piper PA-46-310P	TCDS: EASA.IM.A.077	Serial No.: 4608059	Year of Construction: 1987	Date: 15.02.2016
Operation Time: 4068:29	Landings: 0				

Description / ATA-No.	Model	Permissible Operation	Operation Time of Part			Operation Time of Aircraft / Component			Realisation Date		Per & dis**	Residual Term* / Inspection-note
			Time	Before Installation	Total Operation Time***	At Installation	Removal due	At Removal	Installation	Removal		
Flap bellcrank welding inspection		TCl	100 Std		N/A N/A N/A	4068:29 Std	4168:29 Std		15.02.2016			100:00 Std
Check forward vertical fin attach fitting for corrosion & damage		TIS	60 Mon		N/A N/A N/A	3881:06 Std	Jul 2019		15.07.2014			41 Mon
Check forward & aft horizontal stabilizer attach fitting for corrosion & damage		TIS	60 Mon		N/A N/A N/A	3881:06 Std	Jul 2019		15.07.2014			41 Mon
Check forward & aft wings spar to fuselage attach fittings for corrosion & condition		TIS	60 Mon		N/A N/A N/A	3881:06 Std	Jul 2019		15.07.2014			41 Mon
Check elevator trim tab rods forward & aft		TIS	60 Mon		N/A N/A N/A	3881:06 Std	Jul 2019		15.07.2014			41 Mon
SB 1175 B Pilot side window inspection		TCl	50 Std		N/A N/A N/A	4068:29 Std	4118:29 Std		15.02.2016			50:00 Std



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Registration: N9127Z	Model: Piper PA-46-310P	TCDS: EASA.IM.A.077	Serial No.: 4608059	Year of Construction: 1987	Date: 15.02.2016
Operation Time: 4068:29	Landings: 0				

Description / ATA-No.	Model	Permissible Operation Time	Operation Time of Part			Operation Time of Aircraft / Component			Realisation Date		Per & dis **	Residual Term* / Inspection-note
			Before Installation	Total Operation Time***	At Installation	Removal due	At Removal	Installation	Removal			
Annual inspection		TCI	12 Mon	N/A N/A N/A	4068:29 Std	Feb 2017			15.02.2016			12 Mon
50h inspection		TCI	50 Std	N/A N/A N/A	4068:29 Std	4118:29 Std			15.02.2016			50:00 Std
100h inspection		TCI	100 Std	N/A N/A N/A	4068:29 Std	4168:29 Std			15.02.2016			100:00 Std
500h inspection		TCI	500 Std	N/A N/A N/A	3881:06 Std	4381:06 Std			28.06.2014			312:37 Std
1000h inspection		TCI	1000 Std	N/A N/A N/A	3881:06 Std	4881:06 Std			15.07.2014			812:37 Std
XPDR Test		TCI	24 Mon	N/A N/A N/A	4068:29 Std	Feb 2018			15.02.2016			24 Mon
Static pressure system and altimeter check		TCI	24 Mon	N/A N/A N/A	4068:29 Std	Feb 2018			15.02.2016			24 Mon

Handwritten signature and date: 15.02.2016

Registration: N9127Z Model: Piper PA-46-310P TCDS: EASA.IM.A.077 Serial No.: 4608059 Year of Construction: 1987 Date: 15.02.2016
 Operation Time: 4068:29 Landings: 0

Description / ATA-No.	Model	Operation Time of Part			Operation Time of Aircraft / Component			Realisation Date		Per & dis **	Residual Term* / Inspection-note
		Permissible Operation Time	Before Installation	Total Operation Time ***	At Installation	Removal due	At Removal	Installation	Removal		
Folder / ATA-No.	Serial-No.										
Comment	Part-No.										
Magnetic compass compensation		TCI	12 Mon	N/A N/A N/A	4068:29 Std	Feb 2017		15.02.2016			12 Mon
Aircraft weighting			n.Zust.	N/A N/A N/A							
Seat belts			n.Zust.	N/A N/A N/A							
Sani pack check for completeness and exp. date		TCI	12 Mon	N/A N/A N/A	4068:29 Std	Feb 2017		15.02.2016			12 Mon
Fire extinguisher weight check		TCI	12 Mon	N/A N/A N/A	4068:29 Std	Feb 2017		15.02.2016			12 Mon

Sign of Inspector / CS:

Stamp



Registration: N9127Z Model: Piper PA-46-310P TCDS: EASA.IM.A.077 Serial No.: 4608059 Year of Construction: 1987 Date: 15.02.2016
 Operation Time: 4068.29 Landings: 0

Issue Date	Referenced Documents / Date	Affected Models and Serial-No.		Date	Performed at Operation Time	Inspection Note	Recurring Interval	Notes
		Object	Object					
29.01.1985 FAA 84-26-02		1 Flugzeuge bis 2t / Aeroplanes down to 2t (Alle Werknummern) Paper Induction Air Filters		23.09.2013	3742:42 Std	Performed Recurrence	500 Std	
24.02.1987 FAA 87-04-01	Piper SB 0985 (16.06.1995); Piper SB 0852 (14.11.1986)	Piper PA-46-310P (Alle Werknummern) Air Valve Linkage		28.06.2014	28.06.2014 3881:06 Std	Already Accomplished Found performed		
22.09.1987 FAA 87-17-06	Am-Safe Inc. SB No. AS001 (05.11.1986)	1 Flugzeuge bis 2t / Aeroplanes down to 2t (Alle Werknummern) Occupant Restraint System Assemblies		28.06.2014	28.06.2014 3881:06 Std	Not affected N/A by Type		
03.01.1989 FAA 88-25-08	Piper SB 0892A (17.05.1989)	Piper PA-46-310P (Alle Werknummern) Engine Cooling System		28.06.2014	28.06.2014 3881:06 Std	Already Accomplished A&P15137821A Larry W Peters		
21.08.1992 FAA 92-13-06	Piper SB 0953 (29.10.1991)	Piper PA-46-310P (4608001 bis 4608140) Elevator Guide Tube		28.06.2014	28.06.2014 3881:06 Std	Already Accomplished A&P15137821A Larry W Peters		
21.08.1992 FAA 92-13-07	Piper SB 0944 (05.10.1990)	Piper PA-46-310P (4608001 bis 4608140) Empennage Countersunk Rivets		28.06.2014	28.06.2014 3881:06 Std	Already Accomplished A&P15137821A Larry W Peters		

Registration: N9127Z Model: Piper PA-46-310P TCDS: EASA.IM.A.077 Serial No.: 4608059 Year of Construction: 1987 Date: 15.02.2016
 Operation Time: 4068:29 Landings: 0

Issue Date	Referenced Documents / Date	Affected Models and Serial-No.		Date	Performed at Operation Time	Inspection Note		Recurring Interval	Notes
		Object				Performed Actions			
22.08.1992 FAA 92-15-14	Piper SB 0947A (29.10.1991)	Piper PA-46-310P (4608001 bis 4608140) Air-Driven Attitude Gyro		28.06.2014	28.06.2014 3881:06 Std	Already Accomplished A&P 151378211A Larry W Peters			
02.10.1992 FAA 92-18-08	Bendix/King Installation Bulletin No. 312 (19.03.1990)	Piper PA-46-310P (Alle Werknummern) Flight Control Systems		28.06.2014	28.06.2014 3881:06 Std	Already Accomplished Cover Kit Installed			
26.07.1993 FAA 93-12-04	Precise Flight, Inc., SB No. PL9303001 (10.03.1993)	1 Flugzeuge bis 2t / Aeroplanes down to 2t (Alle Werknummern) Pulsseite Units		28.06.2014	28.06.2014 3881:06 Std	Not affected N/A by Type			
25.11.1994 FAA 94-21-06	Pacific Scientific SB 1108435-25-01 (28.04.1994); Pacific Scientific SB 1108460-25-01 (28.04.1994)	1 Flugzeuge bis 2t / Aeroplanes down to 2t (Alle Werknummern) Lap Belt Assemblies and Restraint Systems		28.06.2014	28.06.2014 3881:06 Std	Not affected N/A by Type			
07.06.1996 FAA 96-09-06	FAA 95-03-02 (18.06.2014)	1 Flugzeuge bis 2t / Aeroplanes down to 2t (Alle Werknummern) 'not limited to the following airplanes', Air Filter Assemblies		28.06.2014	28.06.2014 3881:06 Std	Not affected N/A by Type			
14.01.2000 FAA 99-24-10		1 Flugzeuge bis 2t / Aeroplanes down to 2t (Alle Werknummern) Standby Vacuum Systems		28.06.2014	28.06.2014 3881:06 Std	Not affected N/A by Type			

Registration: N9127Z	Model: Piper PA-46-310P	TCDS: EASA.IM.A.077	Serial No.: 4608059
Operation Time: 4068:29	Landings: 0		Year of Construction: 1987
			Date: 15.02.2016

Issue Date	Referenced Documents / Date	Affected Models and Serial-No.		Date	Performed at Operation Time	Inspection Note		Recurring Interval	Notes
		Object				Performed Actions			
14.01.2000 FAA 98-25-10R1		1 Flugzeuge bis 2t / Aeroplanes down to 2t (Alle Werknummern) Seat Restraint Systems		28.06.2014	28.06.2014 3881:06 Std	Not affected N/A by Type			
01.05.2000 FAA 98-21-21 R1	Bob Fields Aerossories SB-BFA-001 (03.11.1998); FAA 98-21-21 (05.03.2014)	1 Flugzeuge bis 2t / Aeroplanes down to 2t (Alle Werknummern) Electric Inflatable Door Seals		28.06.2014	28.06.2014 3881:06 Std	Not affected N/A by Type			
29.06.2001 FAA 2001-12-01	Piper SB 1062 (11.05.2001); 2003-307 (13.11.2003)	Piper PA-46-310P (4608001 bis 4608140) Inboard Flap Drive Bellcrank Assemblies		28.06.2014	28.06.2014 3881:06 Std	Already Accomplished A&P15137821IA Larry W Peters			
13.09.2004 FAA 2004-16-14	THALES SB 457400-34-083 (05.03.2014); THALES SB 457400-34-085 (05.03.2014); DGAC AD F-2004-053 (14.04.2004); THALES SB 457400-34-084 (05.03.2014); THALES SB 457400-34-082 (05.03.2014)	Flugzeuge / Aeroplanes (Alle Werknummern) Thales Avionics TA/RA VSI-TCAS Indicators		28.06.2014	28.06.2014 3881:06 Std	Not affected N/A by Type			
20.06.2005 FAA 2004-25-16 R1	Kelly Aerospace Power Systems SB No. A-107A (06.09.2002); FAA AD 2004-25-16R1 Amdt. 39-14076 (05.03.2014)	1 Flugzeuge bis 2t / Aeroplanes down to 2t (Alle Werknummern) Fuel regulator shutoff valve		28.06.2014	3881:06 Std	Not affected N/A by Type		100 Std 12 Mon	
18.07.2005 FAA 2005-11-05	Precise Flight Inc. MANUAL VALVE Standby Vacuum System AFM SUPPLEMENT, (04.01.2000); Standby Vacuum System Model VI Upgrade Kit, (07.01.2000); Precise Flight Inc. Installation Report No. 08074, (05.03.2014)	1 Flugzeuge bis 2t / Aeroplanes down to 2t (Alle Werknummern) Standby vacuum systems (SVS)		28.06.2014	28.06.2014 3881:06 Std	Not affected N/A by Type			

Registration: N9127Z Model: Piper PA-46-310P TCDS: EASA, I.M.A.077 Serial No.: 4608059 Year of Construction: 1987 Date: 15.02.2016
 Operation Time: 4068:29 Landings: 0

Issue Date	Referenced Documents / Date	Affected Models and Serial-No.		Date	Performed at Operation Time	Inspection Note	Recurring Interval	Notes
		Object						
14.10.2005 FAA 2005-18-20	Goodrich De-icing and Specialty Systems ASB (ASB) No. 30-60-00-1 (15.11.2004)	1 Flugzeuge bis 2t / Aeroplanes down to 2t (Alle Werknummern) "FASTprop" propeller de-icers		28.06.2014	28.06.2014 3681:06 Std	Not affected N/A by Type		
10.03.2006 FAA 2006-03-08		1 Flugzeuge bis 2t / Aeroplanes down to 2t (Alle Werknummern) Vacuum pumps		28.06.2014	28.06.2014 3681:06 Std	Not affected N/A by Type		
06.05.2011 FAA 2011-06-10	Piper SB 0995C (17.11.2009); FAA 99-15-04 R1 (27.02.2014)	Piper PA-46-310P (4608001 bis 4608140) Engine Indicating - Turbine Inlet Temperature (T.I.T.) Indicators/Probes - Inspection / Replacement		28.06.2014	28.06.2014 3681:06 Std	Not affected A&P151378211A Larry W Peters EDM as Master installed	250 Std	
10.07.2013 FAA 2013-13-01 Corr.	Piper SB-1258 (05.06.2013); FAA 2013-13-01 (10.07.2013)	Piper PA-46-310P (4608001 bis 4608140) Fuel vent Valves - Inspection / Modification / Replacement		28.06.2014	28.06.2014 3681:06 Std	Already Accomplished A&P151378211A Larry W Peters Found Orange Valve installed		
02.05.2014 FAA 2014-05-27	Rockwell Collins SIL 13-1, Rev. No. 1, 523-0821603-101000 (24.10.2013)	Flugzeuge / Aeroplanes (Alle Werknummern) Navigation				Not affected N/A by Type	48 Mon	
16.06.2015 FAA 2015-08-07	Intertechnique SB MXH-35-240, currently at Rev. 4 (10.06.2011); Intertechnique SB MXH-35-241, currently at Rev. 2 (19.05.2011); EASA 2011-0090R1 (13.07.2011)	1 Flugzeuge bis 2t / Aeroplanes down to 2t (Alle Werknummern) Oxygen - Oxygen Mask Regulator Inflatable Harness - Identification / Replacement		27.01.2016	27.01.2016 4068:29 Std	Not affected		



Registration: N9127Z	Model: Piper PA-46-310P	TCDS: EASA.IM.A.077	Serial No.: 4608059
Operation Time: 4068:29	Landings: 0	Year of Construction: 1987	Date: 15.02.2016

Issue Date	Referenced Documents / Date	Affected Models and Serial-No.		Date	Performed at Operation Time	Inspection Note		Recurring Interval	Notes
		Object				Performed Actions			
31.01.2008 FAA 2007-26-13	Operation and Installation Manual E-112, issue November 1993 or later; (27.02.2014): Operation and Installation Manual E-124, issue March 1994 or later; (27.02.2014): Operation and Installation Manual E-148, issue March 1994 or later; (27.02.2014): Operation and Installation Manual E-309, issue March 1994 or later; (27.02.2014): Operation and Installation Manual E-118, issue March 1994 or later; (27.02.2014): mt SB 08B (08.03.2006); EASA 2006-0345R1 (15.01.2010); FAA 2006-05-05 (27.02.2014)	MT hydraulisch MTV-14 series (Alle Werknummern)		28.06.2014	3881:06 Std	Not affected Prop OVH 05.03.2010		100 Std	
21.09.1984 FAA 84-18-07		14 Brandschutz / Fire Protecting and Fighting Equipment (Alle Werknummern) Discharge Cartridges		28.06.2014	28.06.2014 3881:06 Std	Not affected N/A by Type			

Sign of Inspector / CS:

