

01/27/2015

N465JM

PA-46-310P

46-8408042

Hobbs: 10.5

1. Performed bench resistance calibration of fuel quantity gauge IAW Piper PA-46-310P Maintenance Manual 28-40-00.
2. Installed windshield hot plate. Operational check good at this time.
3. Installed two new propeller deice boots P/N 2080011406. Operational check good at this time
4. Trouble shot wiring and found wire broken at LEFT gear light. Removed socket assembly and resoldered wire to it. While testing, Landing Gear Warning circuit Breaker blew. Reset breaker and retried. Breaker again blew. Inspected wiring in area where repairs were made and found no faults. Unplugged nose gear Down Lock switch and found breaker now resets and Left and Right gear lights work correctly. Traced source of short in nose wiring to a chafed wire where it transitions from the engine compartment to the nose baggage area through a grommet. Repaired short and retested. All three lights now function correctly
5. Weighed aircraft IAW Piper PA-46-310P Maintenance Manual 8-10-00 using electronic Evergreen Scales SN 673-3C calibration due date 08/31/2015. Basic empty weight 2852.00 Total Moment 379731.50 Empty weight CG 133.15 Useful load 1266

The aircraft, airframe, aircraft engine, propeller, or appliance identified above, was repaired, and inspected in accordance with current regulations of the Federal Aviation Agency and is approved for return to service. Pertinent details of the repair are on file at this agency under Work Order N° 19103.

Date Signed 01/27/2015_____

Des Moines Flying Service, Inc.,

FAA CRS G9CR485J



AIRCRAFT WEIGHT AND BALANCE REPORT

MAKE AND MODEL		AIRCRAFT SERIAL №		REGISTRATION №		WORK ORDER №	
PIPER PA-46-310P		46-8408042		N465JM		19103	
CONDITIONS	FULL FUEL	x	UNUSEABLE FUEL	FULL OIL	x	UNUSEABLE OIL	
ACTUAL WEIGHT							
WEIGHT POINT	SCALE READING		TARE		NET WEIGHT		
NOSE	705.00		0.00		705.00		
LEFT	1426.00		0.00		1426.00		
RIGHT	1441.00		0.00		1441.00		
TOTAL NET WEIGHT							
COMPUTATIONS							
	WEIGHT		ARM		MOMENT		
NOSE	705.00		60.50		42652.50		
LEFT	1426.00		157.00		223882.00		
RIGHT	1441.00		157.00		226237.00		
Total Weight	3572.00				492771.50		
Less Usable Fuel	-720.00		157.00		-113040.00		
EMPTY WEIGHT TOTALS	2852.00		133.15		379731.50		
Aircraft electronically weighed to comply with currency requirements of Title 14 CFR part 135.185 X							
BASIC AIRCRAFT EMPTY WEIGHT	2852.00						
TOTAL MOMENT	379731.50						
EMPTY WEIGHT C.G.	133.15						
NORMAL CATEGORY	4118.00	LESS EMPTY WEIGHT	2852.00	USEFUL LOAD	1266.00		
SIGNATURE		DATE		STAMP			
		01/27/2015		Des Moines Flying Service, Inc. CRS G9CR485J			
Evergreen Scales S/N 673-3C Calibration Due Date: 08/31/2015							



DES MOINES
FLYING SERVICE

CUSTOMER SERVICE DISCREPANCY
WORK ORDER



Customer Name: SCOT WOLF
Aircraft Registration No: N465JM
Manufacturer PIPER Model No PA-46-310P
Tach / Hobbs Time 10.5 Total Time _____
Job Lead Josh Boyd

Date: 01/15/2015

Page 1 of 8

Serial No 46-8408042

Work Order No 19103

No	DESCRIPTION OF WORK OR DISCREPANCY
1	PUSHROD TUBE GASKETS LEAKING
CORRECTIVE ACTION	
Removed all valve covers, rockers, and pushrod tubes. Installed new pushrods and pushrod gaskets.	
INITIAL JAS	
PART DESCRIPTION	
APPLICABLE SERVICE INFORMATION – AD – SERVICE BULLETIN – SERVICE LETTER	
PN OFF	PN ON
SN OFF	SN ON
INSPECTOR ACCEPTANCE INITIAL	
STAMP	

WORK ORDER №

19103

Date: 01/23/2015
Page 2 of 8

No	DESCRIPTION OF WORK OR DISCREPANCY
2	TWO PROP BOOTS FAILED
CORRECTIVE ACTION	
Installed two new propeller deice boots P/N 2080011406. Operational check good at this time.	
INITIAL JAS	
PART DESCRIPTION	
APPLICABLE SERVICE INFORMATION – AD – SERVICE BULLETIN – SERVICE LETTER	
PN OFF _____ PN ON _____	
SN OFF _____ SN ON _____	
INSPECTOR ACCEPTANCE INITIAL	
STAMP	

19103

Date: 01/26/2015
Page 3 of 8

No	DESCRIPTION OF WORK OR DISCREPANCY	
3	FUEL CALIBRATION	
CORRECTIVE ACTION		INITIAL
Performed bench resistance calibration of fuel quantity gauge IAW Piper PA-46-310P Maintenance Manual 28-40-00.		RRS
PART DESCRIPTION		APPLICABLE SERVICE INFORMATION – AD – SERVICE BULLETIN – SERVICE LETTER
PN OFF _____ PN ON _____		
SN OFF _____ SN ON _____		INSPECTOR ACCEPTANCE INITIAL STAMP

WORK ORDER №

19103

Date: 01/23/2015
Page 4 of 8

No	DESCRIPTION OF WORK OR DISCREPANCY
4	INSTALL HOT PLATE
CORRECTIVE ACTION	
Installed windshield hot plate. Ops check good at this time.	
INITIAL JAS	
PART DESCRIPTION	
APPLICABLE SERVICE INFORMATION – AD – SERVICE BULLETIN – SERVICE LETTER	
PN OFF _____ PN ON _____	
SN OFF _____ SN ON _____	
INSPECTOR ACCEPTANCE INITIAL	
STAMP	

WORK ORDER №

19103

Date: 01/26/2015
Page 6 of 8

No	DESCRIPTION OF WORK OR DISCREPANCY
6	INSTALL TANIS HEATER
CORRECTIVE ACTION	
Installed tanis heater P/N TSP6CYL-2927-115. Ops check good at this time.	
INITIAL JAS	
PART DESCRIPTION	
APPLICABLE SERVICE INFORMATION – AD – SERVICE BULLETIN – SERVICE LETTER	
PN OFF _____ PN ON _____	
SN OFF _____ SN ON _____	
INSPECTOR ACCEPTANCE INITIAL	
STAMP	

WORK ORDER №

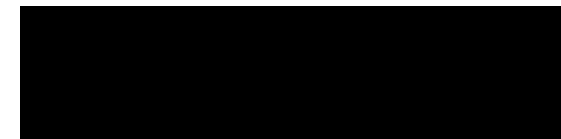
19103

Date: 01/27/2015
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No	DESCRIPTION OF WORK OR DISCREPANCY
7	CUSTOMER REQUESTS AIRCRAFT REWEIGH
CORRECTIVE ACTION Weighed aircraft using electronic Evergreen Scales SN 673-3C calibration due date 08/31/2015 Basic empty weight 2852.00 Total Moment 379731.50 Empty weight CG 133.15 Usefull load 1266	
INITIAL JB JAS MW	
PART DESCRIPTION	
APPLICABLE SERVICE INFORMATION – AD – SERVICE BULLETIN – SERVICE LETTER	
PN OFF _____ PN ON _____	
SN OFF _____ SN ON _____	
INSPECTOR ACCEPTANCE INITIAL	
STAMP	



CUSTOMER SERVICE DISCREPANCY
WORK ORDER



Customer Name: SCOT WOLF

Aircraft Registration No: N465JM

Manufacturer PIPER Model No PA-46-310P

Tach / Hobbs Time 10.5 Total Time _____

Job Lead Josh Boyd

Date: 01/27/2015

Page 8 of 8

Serial No 46-8408042

Work Order No

19103

	DATE COMPLETED	INSPECTOR INITIAL	STAMP
PRELIMINARY	01/15/2015		
HIDDEN DAMAGE	NA		
IN-PROCESS	NA		
INSPECTION RECORDS COMPLETE	01/27/2015		
FINAL INSPECTION	01/27/2015		
PLEASE INITIAL ONE OF THE FOLLOWING			
	I NITIAL	STAMP	
AIRCRAFT MAINTENANCE RECORD COMPLETED			
WORK ORDER ISSUED IN LIEU OF LOG ENTRY			
SUPPLEMENTAL LOG ENTRY ISSUED			
The aircraft, airframe, aircraft engine, propeller, or appliance identified on this work order was repaired and inspected in accordance with current regulations of the Federal Aviation Agency and is approved for return to service. This work order incorporating pertinent details of this repair are on file at his agency.			
AUTHORIZED SIGNATURE		DATE	STAMP
		01/27/2015	
CERTIFICATE KIND		CERTIFICATE NUMBER	
CERTIFIED REPAIR STATION		G9CR485J	
Des Moines Flying Service, Inc. P.O. Box 35126 Des Moines, Iowa 50315			
	INITIAL	STAMP	
FINAL CHECK INSPECTION			



DES MOINES
FLYING SERVICE

01/27/2015

N465JM

PA-46-310P

46-8408042

Hobbs: 10.5

1. Removed all valve covers, rockers, and pushrod tubes. Installed new pushrods and pushrod gaskets.
2. Installed engine tanis heater P/N TSP6CYL-2927-115. Operational check good at this time.

The aircraft, airframe, aircraft engine, propeller, or appliance identified above, was repaired, and inspected in accordance with current regulations of the Federal Aviation Agency and is approved for return to service. Pertinent details of the repair are on file at this agency under Work Order N° 19103.

Date Signed 01/27/2015 _____

Des Moines Flying Service, Inc.,

FAA CRS G9CR485J