

Aircraft Engineering, Inc.

BARTOW EXECUTIVE AIRPORT

"Aircraft Maintenance is Our Only Business"

SERVICE DEPARTMENT DISCREPANCY REPORT

MAKE Piper PA-32-300 SN 32-7440070
W.O. # A 12410 HCBS/TACH: 3253

1 Stop Sod and Landscaping

INSPECTION AUTHORIZATION # N908DK
N NUMBER 32-7440070 DATE 1/8/24 PAGE 1 OF 1

AIRCRAFT MAINTENANCE AND REPAIR
AIRFRAME AND ENGINE INSPECTION

DISCREPANCY		CORRECTIVE ACTION		INSP	DATE
1	Annual inspection due	Annual inspection completed		BT	January-24
2	Compression test due	Compression tested to 80 psi 76, 76, 74, 77, 76		BT	January-24
3	Oil and filter change due	Serviced engine with 11 qts Aeroshell 100W Plus and installed new filter		BT	January-24
4	Engine air filter replacement due	Installed new engine air filter P/N BA-15		BT	January-24
5	ELT test due	ELT tested IAW FAR91.207(d). Battery next due 8/2025		BT	January-24
6	Clean and paint battery box	Cleaned and painted battery box		BT	January-24
7	Fin strobe inop	Installed new LED fin strobe light		BT	January-24
8	Remove and replace OH exchange fuel selector valve assembly	Installed OH fuel selector valve assembly P/B 1H65-4 S/N 9D		BT	January-24
9	Antenna broken	Installed new antenna P/N AV-74		BT	January-24
10	Remove and replace new L&R wing root rubbers	Installed new left and right wing root rubbers		BT	January-24
11	Reassemble aircraft after engine quit due to bad engine cylinder	Reassembled aircraft after engine quit due to bad cylinder		BT	January-24
12	Left and right main tires bad	Installed new left and right main tires		BT	January-24
13	Left and right main tire tubes need replaced	Installed new left and right main tire tubes		BT	January-24
14	Remove and replace one wheel bearing	Installed new left wheel bearing		BT	January-24
15	All brake pads worn out	Installed all new brake pads		BT	January-24
16	Replace alt air cable	Installed new alt air cable		BT	January-24
17	Replace left and right wing bolts	Installed new left and right wing bolts		BT	January-24
18	Flush fuel system components	Flushed all fuel system components		BT	January-24
19	Flush brake fluid system	Flushed brake fluid system		BT	January-24
20	Left and right rudder blocks worn	Installed new left and right rudder blocks		BT	January-24
21	Remove and replace fuel cap gaskets	Installed 4 new fuel cap gaskets		BT	January-24
22	Rudder cable tension low	Set rudder cable tension to specification		BT	January-24
23	Strobe light shorted out	Installed new LED strobe light		BT	January-24
24	Pull all valve gaskets for inspection	Inspected all valve gaskets		BT	January-24
25	Remove and replace right hand strobe tip	Installed new right strobe tip and painted		BT	January-24



EAGLE LAKE, FLORIDA 33839

NAME 1 STOP SOD AND LAWNSCAPING

DATE 4/6/2023

ORDER WRITTEN BY: BILL TURLEY

ADDRESS

PHONE

CITY STATE ZIP ORLANDO, FL 32822

MAKE & MODEL SERIAL NUMBER LICENSE NUMBER YEAR

PLANE PIPER 6 N908DK

ENGINE

REPAIR ORDER INSTRUCTIONS

LABOR CHARGE

FLY TO SANFORD TO INSPECT. WOULD NOT START.
STARTER FOUND BAD.

FLY BACK TO SANFORD

INSTALLED SERVICEABLE STARTER

CLEANED CYLINDER 6 NOZZLE

CLEANED CYLINDER 6 SPARK PLUGS

LABOR 6.0 AT per HOUR

SIGNED:

DATE:

AN FITTINGS, MISC. SUPPLIES & HARDWARE

SUBTOTAL PAGE 1 PARTS

TOTAL LABOR	
EPA CHARGE	
PROP. W. O.	
ENGINE W. O.	
TOTAL PARTS	
OIL	
SOLVENT	
WELDING SHOP	
SUB TOTAL	
TAX	
172 20 GALLONS GAS	
TOTAL	

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FRANK NELSON

SERVICE DEPARTMENT DISCREPANCY REPORT

MAKE

PIPER

MODEL

PA-32-300

N NUMBER

N908DK

W.O. # A

IA

HOBBS/TACH:

3240 (REMOVED)

DATE

5/2/22

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Inspection Authorization

AIRCRAFT MAINTENANCE AND REPAIR
AIRFRAME AND ENGINE INSPECTION

	DISCREPANCY	CORRECTIVE ACTION	MECH	INSP	DATE
1	ANNUAL INSPECTION	ANNUAL INSPECTION COMPLETED		BT	May-22
2	COMPRESSION TEST FAR 80 PSI	COMPRESSION TEST 80 PSI: 68 72 74 76 74 78		BT	May-22
3	CHANGE OIL AND FILTER	SERVICED WITH 11 QT 100W AND REPLACED FILTER WITH NEW		BT	May-22
4	CORROSION ON BATTERY BOX	CLEANED AND PAINTED BATTERY BOX		BT	May-22
5	ELT TESTED FOR FAR 91.207D	ELT TEST FAR 91.207D RETEST 08/2025		BT	May-22
6	CHANGE ENGINE AIR FILTER	REPLACED ENGINE AIR FILTER WITH NEW		BT	May-22
7	A/C LEAKS DOWN	HOSE FOR AC IS ON ORDER		BT	May-22
8	LUB PROP CABLE ASSEMBLY	PROP CABLE ASSEMBLY LUBRICATED		BT	May-22
9	STRUT CAPS BLACK	INSTALLED 2 NEW STRUT CAPS		BT	May-22
10	WING ROOT RUBBERS	REBONDED AND REPLACED WING ROOT RUBBERS		BT	May-22
11	AD 15-19-7 LYC LINES INSPECTION	AD 15-19-7 LYC LINES INSPECTION COMPLETED		BT	May-22
12	AD 2020-24-5 SPAR INSPECTION	AD 2020-24-5 SPAR INSPECTION COMPLETED		BT	May-22
13	AD 2020-26-16 EDDY CURRENT BOLT HOSES INSPECTION	AD 2020-26-16 EDDY CURRENT BOLT HOSES INSPECTION COMPLETED		BT	May-22
14	AD 77-12-1 FUEL SYSTEM INSPECTION	AD 77-12-1 FUEL SYSTEM INSPECTION COMPLETED		BT	May-22
15	AD 78-23-01 FUEL DOOR INSPECTION	AD 78-23-01 FUEL DOOR INSPECTION COMPLETED		BT	May-22
16	AD 75-10-3 BAGGAGE DOOR INSPECTION	AD 75-10-3 BAGGAGE DOOR INSPECTION COMPLETED		BT	May-22
17	AD 75-24-2 SEAT TAB INSPECTION	AD 75-24-2 SEAT TAB INSPECTION COMPLETED		BT	May-22
18	AD 76-7-12 SWITCH TEST	AD 76-7-12 SWITCH TEST COMPLETED		BT	May-22
19	10 YEAR PROP OFF DUE NEXT ANNUAL			BT	May-22
20	A/C FUSES A/FT PANEL BAD FUSE HOLDERS	REPLACED A/C A/FT PANEL FUSE HOLDERS WITH NEW		BT	May-22
21	LEFT AND RIGHT BRAKE CYLINDERS LEAKING	REPLACED LEFT AND RIGHT BRAKE CYLINDER O'RINGS WITH NEW		BT	May-22
22	CIES FUEL SENSORS	INSTALLED CIES FUEL SENSOR AND CALIBRATED SYSTEM		BT	May-22
23	AD FUEL PUMP SCREW TQ CHECK	AD FUEL PUMP SCREW TQ CHECK COMPLETED		BT	May-22
24	INTAKE GASKET LEAKING	REPLACED INTAKE GASKET		BT	May-22
25	SB1355 TEE BAR INSPECTION	SB1355 TEE BAR INSPECTION COMPLETED		BT	May-22

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