

# AIRCRAFT SALES & ACQUISITIONS 2004 PIPER MERIDIAN



### PA46-500TP | SN 4697177 | N621N

**AIRFRAME TOTAL TIME: 2800 Hours** 

**ENGINE: PRATT & WHITNEY PT6A-42A** 

SN PCE-RM0187

Total Time SMOH: 133 Hours

OH completed by Pratt & Whitney 6/2020

# PROPELLER: HARTZELL HC-E4N-3Q 4-BLADE CONSTANT SPEED FULL FEATHERING WITH BETA

Prop Time Since Overhaul: 133 Hours

- Overhaul completed 7/2020
- Dynamically balanced by Hartzell Service Center 10/2021

### **AVIONICS:**

- Dual Meggitt PFD, EFIS & EIDS Engine Instrument Displays (6 screens total)
- Meggitt Magic 1500 Autopilot with Auto-trim & Yaw Damper, Single Cue V-Bar Flight Director & VOR/LOC/GS coupling
- Dual Garmin GTN 750 WAAS Touch Screen GPS Nav/Com
  - Garmin FlightStream 510
- Dual Garmin GTX 330ES ADS-B In/Out Transponders with Flight ID
- Honeywell Bendix/King IHAS 8000 Integrated Hazard Avoidance System - Including:
  - KMD 850 Mult-function Display
  - KMH 880 Multi-Hazard Awareness System
  - RDR 2100 320nm Digital WX Radar (Displays on KMD 850)
  - KTA 870 Active Traffic (Displays on KMD 850 & Audible)
  - KGP 560 Enhanced Ground Proximity Warning System (Displays on KMD 850 & Audible)
  - KDR 610 XM Weather Receiver (Displays on KMD 850)
- Goodrich WX-500 Stormscope (displays on GTN 750s & KMD 850)

- Sandia Air Data Computer (TAS & Winds Aloft on GTN 750s)
- PS Engineering PMA8000B Stereo Audio Panel
- Mid-Continent MD-302 SAM Standby Attitude Module with Battery Backup
- Flightcom DVR 300i Clock / Digital Voice Recorder
- Garmin/Mid-Continent GI-106A Backup CDI VOR/LOC/ GPS/GS/GP Instrument
- Garmin/Mid-Continent Backup Turn Coordinator & Inclinometer
- Pilot and Co-Pilot Electric Trim & Autopilot Control Switch & Remote Transponder Ident Buttons
- Enviro Systems Cabin Temperature Controller
- Bendix/King Pressurization Controller
- Moritz Digital Volt/Ammeter / Rudder Indicator

### **ADDITIONAL FEATURES:**

- Meridian Gross Weight Increase w/ micro Vortex GeneratorsPressurized Cabin - 5.5PSI Differential
- Certified For Flight Into Known Icing
- Air Conditioning
- Pilot Heated Windshield
- Pilot/Copilot/Passenger Emergency Oxygen
- Engine Fire Detection System
- LoPresti Boom Beam HID Landing Light
- Relief Tube
- Iridium Phone Antenna Installed
- Courtesy Lights
- LoPresti Speed Wheel Covers
- Wing Tip Position and Anti-Collision Lights
- Compressor Wash Ring Installation
- Cowling Plugs and Prop Slings
- Rosen Sun Visors
- Battery Minder Connector Installed
- Complete Logs



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### **INSPECTION STATUS:**

- Annual Inspection Completed 3/2021 by Piper Service Center Shoreline Aviation
- IFR Certification Completed 11/2021 by NexAir

### MAINTENANCE IMPROVEMENTS TO ORIGINAL AIRCRAFT WITH APPROXIMATE DATE & COST:

- Update to Meggit Magic 1500 Autopilot required to fly coupled WAAS GPS/RNAV approaches) (2009 \$25k)
- PS Engineering PMA8000B Stereo Audio Panel (2009 \$2k)
- Iridium Phone Antenna (2010-\$2k)
- LoPresti Boom Beam HID Landing Light (~2011 \$3k)
- Installation of RDR 2100 320nm Digital WX Radar (Feb 2015 \$13.5k)
- Dual Garmin GTN 750 WAAS Touch Screen GPS Nav/Com (July 2015 \$28k)
- Installation of Sandia Air Data Computer (to enable GTN-750s to display winds aloft, TAS and accurate fuel range rings) –(July 2015 \$5k)
- Update of dual GTX 330's to GTX 330ES ADS-B In/Out (2018 & 2020 ~\$5k)
- New Leather Interior & Soundex Cabin Soundproofing (July 2020 \$32.5k)
- Engine & prop had complete overhaul to 0 SMOH (July 2020)
- Mid-Continent MD-302 SAM Standby Attitude Module with Battery Backup (July 2020 \$11k)
- Garmin FlightStream 510 (Nov 2020 \$1.5k

### **AIRCRAFT HISTORY:**

- August 2009 Bird strike immediately after takeoff minor damage to nosewheel landing gear and radar pod
- January 2013 Nick in the tip of one propeller blade, determined to be caused by an FBO tug.
- July 2019 Runway excursion at HPN determined to be caused by a prior FBO towing incident which damaged the nose wheel, most likely towed with a chock in place. Nose landing gear replaced. Engine & prop had complete overhaul in July 2020

### **WEIGHTS:**

- Useful Load: 1622.6
- Meridian Gross Weight Increase w/ micro Vortex Generators



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### INTERIOR:

Recent Interior upgrades including full leather passenger seats with Meridian logo stitching, matching lowerside walls and cream upper side walls as well as Soundex Cabin Soundproofing. Executive fold away writing table. Complete Interior Detail 7/2020

### **EXTERIOR:**

Original Paint with the 20th Anniversary Paint Scheme - Beige, Plum & Harvest Gold. Full Corrosion Protection with Expoxy Primer and Zinc Chromate.

**PRICE**MAKE OFFER











































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### **Duncan Aviation**

Duncan Aviation was founded in 1956 as an aircraft sales organization and is a founding member of NARA. Since 1956, we have conducted more than 3,500 transactions. We have 2,150 aviation experts worldwide, each with an average of 12 years with the company. The aircraft sales team partners with these experts to provide technical support before, during and after the aircraft transaction.

Duncan Aviation is the world's largest privately owned business jet support facility. We provide business aircraft operators with every aircraft service they need. Yet we do so with the friendliness and responsiveness of a small-town company.

Our people have a passion for aviation and for serving customers. They are among the most experienced in the industry and the quality of the service they provide is among the best in the world.

Customers often visit our major MRO facilities in Battle Creek, Michigan; Lincoln, Nebraska; and Provo, Utah, and are surprised at our vast array of services, our innovative solutions and our excellent customer service.

We provide aircraft acquisition & sales, airframe & engine maintenance, avionics installations, interior & paint completions/modifications, avionics/instrument/ accessory repairs & overhauls and parts support for Bombardier, Dassault, Textron, Gulfstream and Embraer manufactured aircraft. Our 20+ avionics satellites and 16 engine Rapid Response offices provide avionics and engine services in the field for scheduled and AOG work. And our parts team provides 24/7/365 support worldwide with knowledgeable reps who answer the phone day or night.



ANN POLLARD

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 Date: 3/4/21
 Hourmeter: 2729.9
 N#: 621N

 Manufacturer: Piper
 Total Time: 2729.9

 Model #: PA46-500TP
 Serial #: 4697177

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Item	<u>Bulletin</u>	<u>Bulletin</u>	Bulletin	<u>Date</u>	
<u>#</u>	<u>No.</u>	<u>Description</u>	<u>Date</u>	Completed	Remarks
1	1052	NLG Steering Bungee Mod.	2/26/2001		4697003-35 & 37
2	1053	O.A.T. Probe Relocation	4/3/2001		4697003-39
3	1054	Crew Seat Insp. & Mod.	4/12/2001		4697003-35 & 37
4	1055	Eng. Quadrant Insp. & Mod.	5/29/2001		4697003-40
5	1056	Fuel Drain Valve Insp. & Repl.	4/4/2001		4697003-35 & 37
6	1058	Overhead Switch Panel R+R	5/31/2001		4697003-52 & 54
7	1059	Low Press. Fuel Pump Leak Insp.	6/11/2001		4697003-44
8	1060	Brake Pedal Binding	5/15/2001		4697001-55
9	1061	NLG Strut Snap Ring Insp.	6/19/2001		4697001-46 & See Bulletin
10	1062	Flap Bellcrank Insp. (AD 01-12-01)	5/11/2001		4697001-20 & See Bulletin
11	1063	Circuit Breaker Panel Mod.	6/11/2001		4697003-60
12	1064	Flow Control Valve Clip Inst.	6/14/2001		4697001-49
13	1065	Elev. Cable R+R	7/25/2001	DNA - S/N	4697001-57
14	1066	Cabin Door Latch	7/10/2001	DNA - S/N	4697001-47
15	1067A	Resistor Shroud Inst (Small Console not installed	8/8/2001	DNA - S/N	4697001-75
16	1068	Fuel System Fitting Leakage	7/19/2001	DNA - S/N	4697001-68
17	1069	Fuel Fitting & Solonoid Valve Mod.	7/19/2001	DNA - S/N	4697001-30
18	1070	Lightning Protection Rivets Inst.	7/16/2001	DNA - S/N	4697001-35 & 37
19	1071	MLG Squat Switch Safetying	7/2/2001		4697001-60
20	1072	Mass Air Control Valve Recall	8/13/2001	DNA - S/N	4697001-78
21	1073	Flux Detector Connector	8/13/2001		4697001-83 & 92
22	1074	Bleed Air Restriction	7/23/2001		4697001-78
23	1076	NAV/GS Wiring Insp. & Mod.	7/19/2001		4697001-38
24	1077	P+W Oil-to-Fuel Heater Insp.	7/13/2001		4697001-75
25	1078	Stall Warning Switch Bracket	8/13/2001		4697001-75
26	1080	Lear-Romec Fuel Pump, VSP-13	7/26/2001		4697001-97
27	1082	Aft Stowage Compartment Drain	8/13/2001		4697001-37
28	1084	Known Icing Certification	9/20/2001		4697001-100 & See Bulletin
29	1085	NLG Steering Arm Chafing	10/26/2001		4697001-53
30	1086	Generator/Ammeter Relay Kit	10/3/2001		4697001-69 & See Bulletin
31	1087B	NLG Downspring Tubes R+R	5/27/2003		4697001-46 & 48
32	1088	Aft Spar Splice Cap Insp.	12/10/2001		4697001-90
33	1089	NLG Squat Switch Adjustment	11/12/2001		4697001-95
34	1099	Fuel Return Solonoid	8/23/2001		4697001-95 4697001-94 & See Bulletin
35	1090	Oil-to Fuel Heater			4697001-94 & See Bulletil1
36	1091	Alternator Diode Inst.	9/20/2001		4697001-75
37		Fuel Check Valve R+R	12/5/2001		
	1094		10/19/2001		4697001-114 & See Bulletin
38	1095	Gear Warning Mute Switch	1/18/2002		4697001-114 & See Bulletin
39	1098	Deice Line Insp. & R+R	2/1/2002		See Bulletin
40	1099	Feather Solonoid Diode Kit	1/18/2002		4697001-114 & See Bulletin
41	1102	Terminal Cover Inst.	3/8/2002		4697001-114 & See Bulletin
42	1103	Engine Mount Insp.	4/22/2002		4697001-71
43	1106	NLG Steering Improvement	1/28/2002		4697001-125
44	1107	Manuevering Speed Placard	3/7/2002		4697001-99
45	1108	Flux Detector Relocation	3/11/2001		4697001-125
46	1111	Float Switch Wiring Insp. & Mod.	8/19/2002		4697001-126
47	1114	GPS 530 Lighting Mod.	4/24/2002		4697001-54
48	1121	Missing Empenage Rivets	10/3/2002		4697001-127 & 134
49	1126A	Emer. Gear Handle Mod.	7/29/2003		4697001-158
50	1132	Control Module Improvement	6/4/2003		4697001-140 & 142-153
51	1135	GMA 340 Wiring Mod.	7/16/2003	N/A Mod 4 only	
52	1139A	Control Wheel Attach Mod.	4/9/2004	DNA - S/N	4697001-174
53	1140	Oxygen Generators	9/16/2003	DNA - S/N	4697001-163
54	1144	NLG Door Hinge Mod.	3/10/2004	DNA - S/N	4697001-173
55	1150	Stby. Pitot/Static Plumbing Mod.	12/9/2004	DNA - S/N	4697001-164
56	1151E	4130N Steel Hardness	6/9/2004	DNA - S/N	4697179-183
57	1152	Fuel Restrictor R+R (COMPLETE)	12/5/2005	2/24/05 - 293.3	4697174-205
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 Date: 3/4/21
 Hourmeter: 2729.9
 N#: 621N

 Manufacturer: Piper
 Total Time: 2729.9

 Model #: PA46-500TP
 Serial #: 4697177

 (COMPLETE)
 1/3/2008
 12/27/06-710.0 | 4697001-240 & 242-244

		Model #: PA46-500TF	Selial f	#: 4697177	
58	1154C	Engine Mount Insp. (COMPLETE)	1/3/2008	12/27/06-710.0	4697001-240 & 242-244
59	1158A	Acc. Drive Pulley R+R (COMPLETE)	1/30/2006	3/22/06-559.7	4697001-221
60	1159	Fuel Sys. Check Valve (COMPLETE)	11/10/2005	12/16/05 -473.8	
61	1166	Electronic Control Module (COMPLETE)	1/5/2007	12/18/07-910.0	
62	1170	Louvered Cover Assembly (COMPLETE)	10/6/2006	12/27/06-710.0	
63	1173A	Oil Cooler Hoses (COMPLETE)	11/1/2006	12/18/07-910.0	
64	1175B	Pilot's Side Window Insp .(COMPLETE)			
		,	9/30/2010	5/20/10-1444.3	
65	1176	1 1	1/16/2007	12/18/07-910.0	
66	1177	Nose Wheel Bolts R+R (COMPLETE)	11/14/2006	12/27/06-710.0	
67	1181B	Flap Track Splice Insp. (COMPLETE)	9/10/2009	12/18/07-910.0	
68	1183	Emer Exit Door Insp. (COMPLETE)	5/15/2007	12/18/07-910.0	4697001-301
69	1185	External Power Placard (COMPLETE)	8/30/2007	12/18/07-910.0	4697001-314
70	1178	Nose Gear Forging	9/24/2007	DNA - S/N	4697244-272
71	1187	Voltage Suppressor R+R	2/8/2008	DNA - S/N	4697238 - 293
72	1190B	Aileron Quadrant Insp. (COMPLETE)	1/22/2009	12/18/08-1154.7	
73	1192	Stall Heat Mod. (COMPLETE)	9/15/2008	12/18/08-1154.7	
74	1193	NLG Downspring R+R (COMPLETE)	3/3/2009		4697001 - 346
		COM Antennas Skin Insp.(Due ea. 4000 hrs.COI			
75	1195B			1/7/10 - 1366.2	•
76	1202	Beta Lockout Lever Insp. (COMPLETE)	3/18/2009	5/20/09-1252.4	
77	1204	Re-Calculate Wing Life Limit		DNA - Usage Typ	
78	1205	Py Heater Ground Relocation (COMPLETE)	3/24/2010	1/31/11-1554.8	
79	1212	Flap Position Placard	1/5/2010	DNA - S/N	4697255-398
80	1214A	C.T. Blade Insp No CT blades R+R this Eng.	3/4/2010	DNA - Date	See Bulletin
81	1218	Rudder Skin Insp. (COMPLETE)	10/13/2010	1/31/11-1554.8	4697001-403
82	1229	Avox SB 36758-35-01	4/21/2011		4697347-391
83	1230	Nose Wheel Grommet	6/6/2011	2/4/12 - 1753.2	
84	1232	Placard, Door Handle	5/16/2011		4697435-452
85	1234	Oil Cooler Temp. Valve R+R (COMPLETE)	6/23/2011	2/4/12 - 1753.2	
86	1236	Ldg. Gear Servicing Placards (COMPLETE)	10/6/2011	2/4/12 - 1753.2	
87	1237	Static Discharger R+R	8/10/2011		4697448-455
88	1243C	Ldg. Gear Malfuntion (COMPLETE)	3/7/2012	2/4/12 - 1753.2	
89	1247B	Garmin SafeTaxi Limitation	3/13/2019		4697399 & up
90	1256	NLG Torque Link Hardware	1/23/2013	2/1/13 - 1928.3	4697001-510
91	1255	Boost Pump Wire Rerouting Wiring Config. Not affected	3/4/2013	Not Needed	4697174-508
92	1258	Fuel Tank Vent Valves (COMPLETE)	6/5/2013	6/24/13 - 1975.8	All up to Early 2013
93	1262B	Wing Inspection (COMPLETE)	4/23/2015	2/25/14 - 2056.2	
95	1267A	Empennage Rivets Insp. (COMPLETE)	12/18/2015	1/27/16 - 2227.9	
96	1271A	Wing Spar Insp. (COMPLETE)	12/12/2019	1/27/16 - 2227.9	
97	12775	NLG Serviciing Placard (COMPLETE)	6/26/2015	1/27/16 - 2227.9	
	1273 1283A				l .
98		Cabin Altitude Encoder Mod.	10/19/2016		4697340, 399-591, 593-595, 597, 598
99	1280A	H3r Fire Ext. R+R (COMPLETE)	4/29/2016	1/27/16 - 2227.9	
100	1288A	Vert. Fin Hardware/Holes	5/18/2017		4697197-602
101	1290B	Flap Bracket Insp. Round Head Rivets Found Installe		7/3/20 - 2667.9	
102	1291	Exec. Table Placard R+R (COMPLETE)		1/25/17 - 2352.4	4697001 - 607
103	1293C	NLG Turn Limits Placards (COMPLETE)	3/9/2017	1/25/17 - 2352.4	4697001 - 610
104	1296	FCU Manual Oveeride Check (COMPLETE		1/25/17 - 2352.4	
105	1297	United Inst. Altim SB #13	4/29/2016	DNA - Not install	
106	1306	Wing Rib Mod. (COMPLETE		2/7/18 - 2478.3	
107	1314	Cabin Door Frame Insp.	3/12/2018		4697617 - 618
		•			
108	1322	Stall Heat Grd. Wire Insp.	2/28/2018		4697549, 569, 582 - 628
109	1327	Aileron Control Cable Tube Insp. (COMPLETE)	6/26/2018	1/25/19 - 2584.8	
109	1328	Aileron Quadrant Cable Guard R+R	6/26/2018		4697608 - 636
110	1336	Ail/Rud Interconnect	1/18/2019		4697634 - 645
111	1338	MLG Actuator Fitting	3/25/2020	DNA - S/N	4697001 - 156
112	1343	Canted Frame Doubler Insp.	2/3/2020	DNA - S/N	4697628 - 652
113	1344	Gen Ammeter Relay (K303) R+R	10/23/2019		4697340, 399 - 669
114	1349	Fuel Return Valve Wiring Mod.	2/14/2020		4697549, 569, 582-611
115	1350A	NLG Steering Horn Insp.	2/10/2021		4697668-671
	1000/1	c.coming From mop.	2,10,2021	27471 0/11	
	Rullotin	Pullotin	Bullotin	Data	
14 - : : :	<u>Bulletin</u>	<u>Bulletin</u>	Bulletin	<u>Date</u>	Demende
ltem	<u>No.</u>	<u>Description</u>	<u>Date</u>	<u>Completed</u>	<u>Remarks</u>

Date: 3/4/21 Hourmeter: 2729.9 N#: 621N

Manufacturer: Piper Total Time: 2729.9

Model #: PA46-500TP Serial #: 4697177

		WOUGH#. 1 Λ+0-30011	Octial #	r. <del>4</del> 03/1//	
<u>#</u>	SL 1035	Battery Conditioning	7/20/2001	DNA	4697001& up with Dual Batteries
1	SL 1037	M.O.R. Check	7/26/2001	DNA	4697001-084
2	SL 1041	Accident/Incident Reporting (Info. Only)	3/10/2002		ALL
3	SL 1046A	GCU Rewire Kit	9/27/2002	DNA	4697001-131
4	SL 1051	Gull Wing Door Rub Strips	7/21/2003		4697001-128
5	SL 1055	Table Stow Adjustments	6/20/2003		
-		Drain Hose Routing Insp. (COMPLETE)			
5a	SL 1056		2/19/2003		4697001 and up
6	SL1057	Upper Wing Skin Reinforcement	1/23/2003		4697001-141 & 143-145
7	SL 1058A	Hor. Stab. M.M. Correction (Info. Only)	10/16/2012		4697001 - 173
8	SL1059A	Gusset (Tailcone) Install Kit	10/16/2015	DNA	4697001-160
9	SL 1062	Lower Torque Link Bolt Insp.	2/13/2003	DNA	4697001-135
10	SL 1065	Aileron Rivet Insp.	7/29/2005	DNA	4697001-140
10a	SL 1067	Steering Bellows Improvement	3/31/2003	DNA	4697001-157
11	SL 1069	Flight Control Cable Insp DUE 01/2023		1/25/17 - 2352.4	
12	SL 1072	Magnetization of ELT Antenna (IF NEEDED)	6/4/2003		4697001-148
13	SL 1074	S-TEC Component Seating (Due @ ea. R+R)	11/3/2003	5147	All S-TEC equipped aircraft
14	SL 1074	Higher Capacity Battery	10/27/2003	DNIA	4697001-169
15	SL 1076	Stall Warning Computer	1/9/2004		4697001-169
16	SL 1077	MAGIC 1500 G/A Rewire (Not Installed)	12/3/2003	DNA	
17	SL 1079	ADAHRS Troubleshooting (IF NEEDED)	5/5/2004		ALL
18	SL 1082	Fuel Bowl Mod.	6/25/2004	DNA	4697001-173
19	SL 1085	ADAHRS Cal. Harness (IF NEEDED)	7/1/2004		ALL
20	SL 1086	Prop. Boots Maintenance (DUE @ PROP. O/H)	7/16/2004	2/1/13 - 1928.3	ALL
21	SL 1089	Aircraft Painting Requirement	10/21/2004	DNA	4697196 & up (See SL for details)
22	SL 1090	Lower Operating Temps.	9/26/2005		4697001-173
23	SL 1097	Flap Rigging Check (COMPLETE)	10/17/2005	12/16/05-710.0	4697001-208
24		Crew Seat Mod. (COMPLETE)			
-	SL 1100	Oil Press - RMI/EMI Interference (COMPLETE)	6/18/2006	12/18/07-910.0	4697001-249
25	SL 1102	,	10/9/2006	12/18/07-910.0	
26	SL 1107A	False "Gen Inop" Annuciation (IF NEEDED)	10/3/2007		4697002, 198, 216-301
27	SL 1109	Generator System Malfunctions (IF NEEDED)	7/3/2008		4697001 - 346
28	SL 1110A	Compressor Wash Recommendations (Info.)	9/3/2013	3/4/21 - 2729.9	ALL
29	SL 1104	ECS System Improvements (COMPLETE)	3/14/2008	1/30/09-1189.3	4697001 - 310 & 312
30	SL 1113	Crew Seat Back Mod	2/25/2009	Not Done	4697174-380
31	SL 1115A	WAAS Compatible Autopilot	2/19/2009	DNA	4697198 & up (see letter)
32	SL 1116A	Contactor Replacement	3/15/2019	When Needed	All
33	SL 1121	RG41 Battery Ser. Life (5000 hrs. or 5 yrs.)	4/1/2010	10/20/16 - 2333.	4697001 & up
35	SL 1120	Air Cond. Servicing (Info. Only)	6/18/2010	. 0, 20, . 0 2000.	4697002 & up
36	SL 1127	Emer. Exit Velcro R+R	7/2/2010	N/A C/NI	4697370-427
37	SL1127				
$\vdash$		Improved Gear Actuators	6/27/2011		4697001-432
38	SL 1130	Lower Entry Door Upgrade (If Desired)	8/4/2010		4697001-369
39	SL1131A	Ail. Bearing Lube (Due ea. 100 hrs. or Ann.)		3/4/21 - 2729.9	
40	SL 1126A	Volt Suppressor Advisory	3/23/2017	NI/A C/NI	
41					4697198, 216-358
42	SL 1123	Avidyne S/W Upgrade	9/27/2010	N/A S/N	4697198, 216 & up
42	SL 1123 SL 1135		9/27/2010		4697198, 216 & up
43		Avidyne S/W Upgrade	9/27/2010	N/A S/N 3/4/21 - 2729.9	4697198, 216 & up
-	SL 1135	Avidyne S/W Upgrade Control Cables/Pulley Insp. (Due ea. 100 hrs.)	9/27/2010 10/19/2010	N/A S/N 3/4/21 - 2729.9 Not Done	4697198, 216 & up ALL
43 44	SL 1135 SL 1137 SL 1138	Avidyne S/W Upgrade Control Cables/Pulley Insp. (Due ea. 100 hrs.) C.B. Panel Mod. Lift Txdcr. Mod.	9/27/2010 10/19/2010 11/3/2010 1/17/2011	N/A S/N 3/4/21 - 2729.9 Not Done Not Done	4697198, 216 & up ALL 4697001-433 4697001-445
43 44 45	SL 1135 SL 1137 SL 1138 SL 1139	Avidyne S/W Upgrade Control Cables/Pulley Insp. (Due ea. 100 hrs.) C.B. Panel Mod. Lift Txdcr. Mod. G1000 S/W Ver. 720.12	9/27/2010 10/19/2010 11/3/2010 1/17/2011 3/14/2011	N/A S/N 3/4/21 - 2729.9 Not Done Not Done DNA	4697198, 216 & up ALL 4697001-433 4697001-445 4697340, 399-447
43 44 45 46	SL 1135 SL 1137 SL 1138 SL 1139 SL 1142A	Avidyne S/W Upgrade Control Cables/Pulley Insp. (Due ea. 100 hrs.) C.B. Panel Mod. Lift Txdcr. Mod. G1000 S/W Ver. 720.12 Line Contactor & GCU R+R (If desired)	9/27/2010 10/19/2010 11/3/2010 1/17/2011 3/14/2011 3/10/2014	N/A S/N 3/4/21 - 2729.9 Not Done Not Done DNA Not Done	4697198, 216 & up ALL 4697001-433 4697001-445
43 44 45 46 47	SL 1135 SL 1137 SL 1138 SL 1139 SL 1142A SL 1147	Avidyne S/W Upgrade Control Cables/Pulley Insp. (Due ea. 100 hrs.) C.B. Panel Mod. Lift Txdcr. Mod. G1000 S/W Ver. 720.12 Line Contactor & GCU R+R (If desired) G1000 S/W Ver. 720.14	9/27/2010 10/19/2010 11/3/2010 1/17/2011 3/14/2011 3/10/2014 12/1/2011	N/A S/N 3/4/21 - 2729.9 Not Done Not Done DNA Not Done DNA Not Done	4697198, 216 & up ALL 4697001-433 4697001-445 4697340, 399-447 4697001-452
43 44 45 46 47 48	SL 1135 SL 1137 SL 1138 SL 1139 SL 1142A SL 1147 SL 1155	Avidyne S/W Upgrade Control Cables/Pulley Insp. (Due ea. 100 hrs.) C.B. Panel Mod. Lift Txdcr. Mod. G1000 S/W Ver. 720.12 Line Contactor & GCU R+R (If desired) G1000 S/W Ver. 720.14 Ground Idle Adjustment (COMPLETE)	9/27/2010 10/19/2010 11/3/2010 1/17/2011 3/14/2011 3/10/2014 12/1/2011 1/30/2012	N/A S/N 3/4/21 - 2729.9 Not Done Not Done DNA Not Done DNA 2/4/12 - 1753.2	4697198, 216 & up ALL 4697001-433 4697001-445 4697340, 399-447 4697001-452
43 44 45 46 47 48 49	SL 1135 SL 1137 SL 1138 SL 1139 SL 1142A SL 1147 SL 1155 SL 1157	Avidyne S/W Upgrade Control Cables/Pulley Insp. (Due ea. 100 hrs.) C.B. Panel Mod. Lift Txdcr. Mod. G1000 S/W Ver. 720.12 Line Contactor & GCU R+R (If desired) G1000 S/W Ver. 720.14 Ground Idle Adjustment (COMPLETE) Exterior Lighting LED Upgrade	9/27/2010 10/19/2010 11/3/2010 1/17/2011 3/14/2011 3/10/2014 12/1/2011 1/30/2012 4/26/2012	N/A S/N 3/4/21 - 2729.9 Not Done Not Done DNA Not Done DNA 2/4/12 - 1753.2 Not Done	4697198, 216 & up ALL 4697001-433 4697001-445 4697340, 399-447 4697001-452  All 4694001-457
43 44 45 46 47 48 49 50	SL 1135 SL 1137 SL 1138 SL 1139 SL 1142A SL 1147 SL 1155 SL 1157 SL 1158	Avidyne S/W Upgrade Control Cables/Pulley Insp. (Due ea. 100 hrs.) C.B. Panel Mod. Lift Txdcr. Mod. G1000 S/W Ver. 720.12 Line Contactor & GCU R+R (If desired) G1000 S/W Ver. 720.14 Ground Idle Adjustment (COMPLETE) Exterior Lighting LED Upgrade Hubcap Upgrade (COMPLETE)	9/27/2010 10/19/2010 11/3/2010 1/17/2011 3/14/2011 3/10/2014 12/1/2011 1/30/2012 4/26/2012	N/A S/N 3/4/21 - 2729.9 Not Done Not Done DNA Not Done DNA 2/4/12 - 1753.2 Not Done 5/12/17 - 2388.2	4697198, 216 & up ALL 4697001-433 4697001-445 4697340, 399-447 4697001-452  All 4694001-457 4697001 & up
43 44 45 46 47 48 49 50 51	SL 1135 SL 1137 SL 1138 SL 1139 SL 1142A SL 1147 SL 1155 SL 1157 SL 1158 SL 1160	Avidyne S/W Upgrade Control Cables/Pulley Insp. (Due ea. 100 hrs.) C.B. Panel Mod. Lift Txdcr. Mod. G1000 S/W Ver. 720.12 Line Contactor & GCU R+R (If desired) G1000 S/W Ver. 720.14 Ground Idle Adjustment (COMPLETE) Exterior Lighting LED Upgrade Hubcap Upgrade (COMPLETE) Interior Lighting LED Upgrade	9/27/2010 10/19/2010 11/3/2010 11/17/2011 3/14/2011 3/10/2014 12/1/2011 1/30/2012 4/26/2012 4/26/2012 10/31/2017	N/A S/N 3/4/21 - 2729.9 Not Done Not Done DNA Not Done DNA 2/4/12 - 1753.2 Not Done 5/12/17 - 2388.2 If Desired	4697198, 216 & up  ALL  4697001-433  4697001-445  4697340, 399-447  4697001-452  All  4694001-457  4697001 & up  4697001-492
43 44 45 46 47 48 49 50	SL 1135 SL 1137 SL 1138 SL 1139 SL 1142A SL 1147 SL 1155 SL 1157 SL 1158	Avidyne S/W Upgrade Control Cables/Pulley Insp. (Due ea. 100 hrs.) C.B. Panel Mod. Lift Txdcr. Mod. G1000 S/W Ver. 720.12 Line Contactor & GCU R+R (If desired) G1000 S/W Ver. 720.14 Ground Idle Adjustment (COMPLETE) Exterior Lighting LED Upgrade Hubcap Upgrade (COMPLETE)	9/27/2010 10/19/2010 11/3/2010 1/17/2011 3/14/2011 3/10/2014 12/1/2011 1/30/2012 4/26/2012	N/A S/N 3/4/21 - 2729.9 Not Done Not Done DNA Not Done DNA 2/4/12 - 1753.2 Not Done 5/12/17 - 2388.2	4697198, 216 & up  ALL  4697001-433  4697001-445  4697340, 399-447  4697001-452  All  4694001-457  4697001 & up  4697001-492
43 44 45 46 47 48 49 50 51	SL 1135 SL 1137 SL 1138 SL 1139 SL 1142A SL 1147 SL 1155 SL 1157 SL 1158 SL 1160	Avidyne S/W Upgrade Control Cables/Pulley Insp. (Due ea. 100 hrs.) C.B. Panel Mod. Lift Txdcr. Mod. G1000 S/W Ver. 720.12 Line Contactor & GCU R+R (If desired) G1000 S/W Ver. 720.14 Ground Idle Adjustment (COMPLETE) Exterior Lighting LED Upgrade Hubcap Upgrade (COMPLETE) Interior Lighting LED Upgrade	9/27/2010 10/19/2010 11/3/2010 11/17/2011 3/14/2011 3/10/2014 12/1/2011 1/30/2012 4/26/2012 4/26/2012 10/31/2017	N/A S/N 3/4/21 - 2729.9 Not Done Not Done DNA Not Done DNA 2/4/12 - 1753.2 Not Done 5/12/17 - 2388.2 If Desired When Needed	4697198, 216 & up  ALL  4697001-433  4697001-445  4697340, 399-447  4697001-452  All  4694001-457  4697001 & up  4697001-492
43 44 45 46 47 48 49 50 51 52	SL 1135 SL 1137 SL 1138 SL 1139 SL 1142A SL 1147 SL 1155 SL 1157 SL 1158 SL 1160 SL 1170 SL 1178	Avidyne S/W Upgrade Control Cables/Pulley Insp. (Due ea. 100 hrs.) C.B. Panel Mod. Lift Txdcr. Mod. G1000 S/W Ver. 720.12 Line Contactor & GCU R+R (If desired) G1000 S/W Ver. 720.14 Ground Idle Adjustment (COMPLETE) Exterior Lighting LED Upgrade Hubcap Upgrade (COMPLETE) Interior Lighting LED Upgrade Evaporator Module	9/27/2010 10/19/2010 11/3/2010 11/17/2011 3/14/2011 3/10/2014 12/1/2011 1/30/2012 4/26/2012 4/26/2012 10/31/2017 6/27/2013	N/A S/N 3/4/21 - 2729.9 Not Done Not Done DNA Not Done DNA 2/4/12 - 1753.2 Not Done 5/12/17 - 2388.2 If Desired When Needed	4697198, 216 & up  ALL  4697001-433  4697001-445  4697340, 399-447  4697001-452  All  4694001-457  4697001 & up  4697001-492  4697340, 399-537
43 44 45 46 47 48 49 50 51 52 53 54	SL 1135 SL 1137 SL 1138 SL 1139 SL 1142A SL 1147 SL 1155 SL 1157 SL 1158 SL 1160 SL 1170 SL 1178 SL 1185A	Avidyne S/W Upgrade Control Cables/Pulley Insp. (Due ea. 100 hrs.) C.B. Panel Mod. Lift Txdcr. Mod. G1000 S/W Ver. 720.12 Line Contactor & GCU R+R (If desired) G1000 S/W Ver. 720.14 Ground Idle Adjustment (COMPLETE) Exterior Lighting LED Upgrade Hubcap Upgrade (COMPLETE) Interior Lighting LED Upgrade Evaporator Module Garmin G1000 S/W ver 720.15	9/27/2010 10/19/2010 11/3/2010 1/17/2011 3/14/2011 3/10/2014 12/1/2011 1/30/2012 4/26/2012 4/26/2012 10/31/2017 6/27/2013 4/23/2014 3/26/2015	N/A S/N 3/4/21 - 2729.9 Not Done Not Done DNA Not Done DNA 2/4/12 - 1753.2 Not Done 5/12/17 - 2388.2 If Desired When Needed N/A S/N When Needed	4697198, 216 & up  ALL  4697001-433  4697001-445  4697340, 399-447  4697001-452  All  4694001-457  4697001 & up  4697001-492  469703-365  4697340, 399-537  All
43 44 45 46 47 48 49 50 51 52 53 54 55	SL 1135 SL 1137 SL 1138 SL 1139 SL 1142A SL 1147 SL 1155 SL 1157 SL 1158 SL 1160 SL 1170 SL 1178 SL 1185A SL 1189B	Avidyne S/W Upgrade Control Cables/Pulley Insp. (Due ea. 100 hrs.) C.B. Panel Mod. Lift Txdcr. Mod. G1000 S/W Ver. 720.12 Line Contactor & GCU R+R (If desired) G1000 S/W Ver. 720.14 Ground Idle Adjustment (COMPLETE) Exterior Lighting LED Upgrade Hubcap Upgrade (COMPLETE) Interior Lighting LED Upgrade Evaporator Module Garmin G1000 S/W ver 720.15 Stall Warning Test GCU Reverse Current (COMPLETE)	9/27/2010 10/19/2010 11/3/2010 1/17/2011 3/14/2011 3/10/2014 12/1/2011 1/30/2012 4/26/2012 4/26/2012 10/31/2017 6/27/2013 4/23/2014 3/26/2015 8/14/2015	N/A S/N 3/4/21 - 2729.9 Not Done Not Done DNA Not Done DNA 2/4/12 - 1753.2 Not Done 5/12/17 - 2388.2 If Desired When Needed N/A S/N When Needed	4697198, 216 & up  ALL  4697001-433  4697001-445  4697340, 399-447  4697001-452  All  4694001-457  4697001 & up  4697001-492  4697003-365  4697340, 399-537  All  4697001-548, 550-568, 570-581
43 44 45 46 47 48 49 50 51 52 53 54 55 56	SL 1135 SL 1137 SL 1138 SL 1139 SL 1142A SL 1147 SL 1155 SL 1157 SL 1158 SL 1160 SL 1170 SL 1178 SL 1185A SL 1189B SL 1195	Avidyne S/W Upgrade Control Cables/Pulley Insp. (Due ea. 100 hrs.) C.B. Panel Mod. Lift Txdcr. Mod. G1000 S/W Ver. 720.12 Line Contactor & GCU R+R (If desired) G1000 S/W Ver. 720.14 Ground Idle Adjustment (COMPLETE) Exterior Lighting LED Upgrade Hubcap Upgrade (COMPLETE) Interior Lighting LED Upgrade Evaporator Module Garmin G1000 S/W ver 720.15 Stall Warning Test GCU Reverse Current (COMPLETE) Garmin S/W ver. 720.17	9/27/2010 10/19/2010 11/3/2010 1/17/2011 3/14/2011 3/10/2014 12/1/2011 1/30/2012 4/26/2012 4/26/2012 10/31/2017 6/27/2013 4/23/2014 3/26/2015 8/14/2015 9/2/2015	N/A S/N 3/4/21 - 2729.9 Not Done Not Done DNA Not Done DNA 2/4/12 - 1753.2 Not Done 5/12/17 - 2388.2 If Desired When Needed N/A S/N When Needed 1/27/16 - 2227.9 If Desired	4697198, 216 & up  ALL  4697001-433  4697001-445  4697340, 399-447  4697001-452  All  4694001-457  4697001 & up  4697001-492  469703-365  4697340, 399-537  All  4697001-548, 550-568, 570-581  G1000 Airplanes up to S/N 4697581
43 44 45 46 47 48 49 50 51 52 53 54 55 56	SL 1135 SL 1137 SL 1138 SL 1139 SL 1142A SL 1147 SL 1155 SL 1157 SL 1158 SL 1160 SL 1170 SL 1178 SL 1185A SL 1189B SL 1195 SL 1196A	Avidyne S/W Upgrade Control Cables/Pulley Insp. (Due ea. 100 hrs.) C.B. Panel Mod. Lift Txdcr. Mod. G1000 S/W Ver. 720.12 Line Contactor & GCU R+R (If desired) G1000 S/W Ver. 720.14 Ground Idle Adjustment (COMPLETE) Exterior Lighting LED Upgrade Hubcap Upgrade (COMPLETE) Interior Lighting LED Upgrade Evaporator Module Garmin G1000 S/W ver 720.15 Stall Warning Test GCU Reverse Current (COMPLETE) Garmin S/W ver. 720.17 GTX33ES Availability	9/27/2010 10/19/2010 11/3/2010 1/17/2011 3/14/2011 3/10/2014 12/1/2011 1/30/2012 4/26/2012 4/26/2012 10/31/2017 6/27/2013 4/23/2014 3/26/2015 8/14/2015 9/2/2015 12/21/2017	N/A S/N  3/4/21 - 2729.9  Not Done  Not Done  DNA  Not Done  2/4/12 - 1753.2  Not Done  5/12/17 - 2388.2  If Desired  When Needed  N/A S/N  When Needed  1/27/16 - 2227.9  If Desired  If Desired	4697198, 216 & up  ALL  4697001-433  4697001-445  4697340, 399-447  4697001-452  All  4694001-457  4697001 & up  4697001-492  4697003-365  4697340, 399-537  All  4697001-548, 550-568, 570-581  G1000 Airplanes up to S/N 4697581  4697399 - 550
43 44 45 46 47 48 49 50 51 52 53 54 55 56	SL 1135 SL 1137 SL 1138 SL 1139 SL 1142A SL 1147 SL 1155 SL 1157 SL 1158 SL 1160 SL 1170 SL 1178 SL 1185A SL 1189B SL 1195	Avidyne S/W Upgrade Control Cables/Pulley Insp. (Due ea. 100 hrs.) C.B. Panel Mod. Lift Txdcr. Mod. G1000 S/W Ver. 720.12 Line Contactor & GCU R+R (If desired) G1000 S/W Ver. 720.14 Ground Idle Adjustment (COMPLETE) Exterior Lighting LED Upgrade Hubcap Upgrade (COMPLETE) Interior Lighting LED Upgrade Evaporator Module Garmin G1000 S/W ver 720.15 Stall Warning Test GCU Reverse Current (COMPLETE) Garmin S/W ver. 720.17	9/27/2010 10/19/2010 11/3/2010 1/17/2011 3/14/2011 3/10/2014 12/1/2011 1/30/2012 4/26/2012 4/26/2012 10/31/2017 6/27/2013 4/23/2014 3/26/2015 8/14/2015 9/2/2015	N/A S/N 3/4/21 - 2729.9 Not Done Not Done DNA Not Done DNA 2/4/12 - 1753.2 Not Done 5/12/17 - 2388.2 If Desired When Needed N/A S/N When Needed 1/27/16 - 2227.9 If Desired N/A S/N	4697198, 216 & up  ALL  4697001-433  4697001-445  4697340, 399-447  4697001-452  All  4694001-457  4697001 & up  4697001-492  469703-365  4697340, 399-537  All  4697001-548, 550-568, 570-581  G1000 Airplanes up to S/N 4697581

Date: 3/4/21 Hourmeter: 2729.9 N#: 621N

Manufacturer: Piper Total Time: 2729.9

Model #: PA46-500TP Serial #: 4697177

_		Woder#. 1 A40-30011		r. <del>4</del> 031111	
60	SL 1202	MLG Actuator Hoses (COMPLETE)	2/7/2017	2/7/18 - 2478.3	4697001 - 618
61	SL 1204	Heated Windshield Test	8/17/2016	7/3/20 - 2667.9	All
62	SL 1205	G1000 Stall Heat Mod	6/27/2017	N/A S/N	4697399-548, 550-568, 57-581
63	SL 1206	G1000 M500 Stall Heat Mod	4/14/2017		4697549, 569, 582-618
					4697458-618
64	SL 1211	Audio bus Wiring Insp. & Fuse R+R	5/3/2017		
65	SL 1219	Cabin Pressure Troubleshooting	1/5/2018		4697582 & up
66	SL 1221	Wing Access Panel Clinch Nut Repair	9/25/2017	When Needed	All
67	SL 1222B	Hyd. Pump Press. Switch R+R	3/29/2018	When Needed	All
68	SL 1224	Decorative Window Sealant	10/9/2017	If Desired	All
69	SL 1228A	Eng. Wire Harness Impr.	1/23/2019	N/A S/N	4697549, 569, 582-631
70	SL 1232C	G1000 S/W ver. 2163.09	8/21/2018		4697549, 569, 582-625, 627-630
71		Flap Protective Tape		14/74 0/14	
	SL 1233		7/13/2020	N1/A O/N1	All
71	SL 1234	G1000 GIA S/W for ADS-B Out	1/16/2018	N/A S/N	4697399 - 548. 560-568, 570-581
72	SL 1236	NLG Trunnion Channel Clearance	10/2/2019		4697001 - 650
73	SL 1249	Control Column Plug Mod.	5/20/2019	If Desired	All
74	SL 1251	G1000 S/W ver. 2163.10	5/29/2019	N/A S/N	4697549, 569, 582-625, 627-630
75	SL 1261	Stall Heat Control Insp. Due at LH Wing R+R	8/6/2019	When Needed	All
76	SL 1265	Flight Control System Checks Due @ all maint.	8/6/2019		All
77	SL 1272	Elevator Spar Insp. Due each inspection			All
				<del>5/4/21 - 21/23.3</del>	
78	SL 1274	Hartzell Preferred Grease	1/6/2020	0/4/04 0700	All
79	SL 1280	Rudder Pedal Bar Insp. Due each inspection			All
80	SL 1282	Avionics Cooling Fan	6/22/2020		4697002, 4697340, 4697399 - 630
81	SL 1285A	Tire Pressures Due before each flight	1/2/2021	3/4/21 - 2729.9	All
82	SL 1286B	Nose Gear Steering Adjutments	8/18/2020	3/4/21 - 2729.9	All
		<b>3 ,</b>			
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<u>Item</u>	<u>Bulletin</u>	<u>Bulletin</u>	<u>Bulletin</u>	<u>Date</u>	
<u>#</u>	<u>No.</u>	<u>Description</u>	<u>Date</u>	<u>Completed</u>	<u>Remarks</u>
1	SSL 425B	Optional Battery Charger	10/11/2013	Done	ALL
2	SSL 430	Overhead Switch Panel Components	10/1/2007	Info.	ALL
3	SSL 431	Lower Entry Door Upgrade	9/11/2008		4697001-369
4	SSL 432	Hydraulic Component Repair Kits	9/28/2007	Info.	
5	SSL 437D	Tire Options	5/6/2019	Info.	
6	SSL 438	Breather Hose Relocation	5/14/2012		4697001-457
7	SSL 445	Battery Tray/Slide R+R	6/28/2012		4697001-454
8	SSL 448	Maint/ Pubs.	1/26/2012	Info.	All
9	SSL 452B	Diverter Strip R+R Kits	10/18/2019	DNA - S/N	4697198, 216 & up
10	SSL 456	A/C Hose Repair Kit	11/20/2014		4697001-515
11	SSL 459	Vacuum Bled Port Cover Kit	4/30/2015		4697001-592
12	SSL 463	Inboard Crew Armrest Improvement	12/3/2015		4697458-601
13	SSL 464	Prop./Pitot Heat Timer Impr. ALL 3 COMPLETI	4/1/2016	5/12/17 - 2388.2	•
14	SSL 478	Rosen Sun Visors	9/14/2017		4697370 & up
16	SSL 495	Garmin A/P Servo Parts	11/11/2019		4697340, 399-542
17	SSL 496A	LED Ice Light	1/15/2021	If Desired	4697001 - 671
	Bulletin	<u>Bulletin</u>	Bulletin	Date	
Item	No.	Description	Date	Completed	Remarks
=					
#	SA46-6	Improper Autopilot Tracking	11/22/2000		4697003, 004, 006
1	SA46-6A	Updated S/W	11/30/2000		4697003-008, 010
2	SA46-7	Heat Insulator Shroud	12/8/2000		4697003-006
3	SA46-8	Revised Annunciator Panels	1/11/2001		4697003-026
4	SA46-10	Flux Detector Relocation	3/2/2001	DNA	4697003-026
5	SA46-11	Fuel System Check Valve	11/14/2001		4697032, 035, 071
6	SA46-13	Horiz. Stab. Missing Rivets	9/9/2002		4697128-130,32,33,35,36,38,39,45
7	SA46-14	Fuel Temp. Limit Placard	7/20/2004		4697067, 159-173
-		•			
8		Control Cable Retention Screw	2/3/2006	DNA	4697216-237
-	SA46-15				
9	SA46-17A	Heated W/S connector R+R	3/27/2007	DNA	4697281-286
-		Heated W/S connector R+R Oil Cooler Control Valve COMPLETE	3/27/2007 1/21/2011	DNA	4697281-286 See SA for s/n's
9	SA46-17A	Heated W/S connector R+R		DNA 2/4/12 - 1753.2	
9	SA46-17A SA46-18	Heated W/S connector R+R Oil Cooler Control Valve COMPLETE	1/21/2011	DNA 2/4/12 - 1753.2 DNA	See SA for s/n's

Date: 3/4/21 Hourmeter: 2729.9 N#: 621N

Manufacturer: Piper Total Time: 2729.9

Model #: PA46-500TP Serial #: 4697177

13	SA46-22	PT6A Borescope 1st Stage Compress. Stator	10/30/2015	DNA	4697565 - 67
14	SA46-28	Condition Lever Wiring	4/26/2019	DNA	4697640-645
	Bulletin	<u>Bulletin</u>	Bulletin	<u>Date</u>	
Item	No.	<u>Description</u>	<u>Date</u>	Completed	<u>Remarks</u>
#	VSP 129	Goodrich SNL 01-054	3/9/2001	DNA	Props. HH1143 and below
1	VSP 130	Fuel Pump Screw Torque	7/3/2001	DNA	All non "/M" Fuel Pumps
2	VSP 133	Meggitt ADAHRS SIL-16, rev. 2	2/25/2002	DNA	If Cold Start Problems Happen
3	VSP 135	P+W SIL PT6A-110 (Low Oil Press.)	2/25/2002	12/27/06-710.0	
4	VSP 142	Garmin SB 0204	2/5/2003		4697001-125
5	VSP 158	Meggitt SL 03-002	9/28/2003	DNA	4697001 & up with Magic 1500
6	VSP 160	P+W SB 3411 (Oil Pump Cover Mod.)	3/19/2004	12/27/06-710.0	4697001-177
7	VSP 161	P+W SB 3412 (Oil Tank Pressurizing Valve)	3/19/2004	12/27/06-710.0	4697001-177
8	VSP 167	Hartzell SIL HC-SL-61-225 (Spinner R+R)	11/22/2006	DNA	4697001-199
9	VSP 168	P+W SIL PT6A-134 (MOP Warranty Coverage)	6/28/2005	Info.	ALL
10	VSP 172	Avidyne SA05-001	2/6/2006	DNA	Avidyne Only
11	VSP 175	S-TEC SB 06-001 (Pitch Servo Stop Screw)	6/6/2006	DNA	S-Tec Equipped Only
12	VSP 176	Meggitt SB 26-36 Fire Detectors	10/2/2006		4697001-248, 252
13	VSP 179	Enviro SL06-101	3/15/2007		4697001-272, 274
14	VSP 180	Hartzell SB HC-SB-61-291	3/16/2007	DNA	4697266-269, 271-276
15	VSP 181	Hartzell SL HC-SL-61-254 (Min. Prop. RPM)	3/20/2007	Info.	
16	VSP 182	Avidyne SB 601-00006-067	4/25/2007	DNA	Avidyne Only
17	VSP 183	Avidyne SB 601-00006-075	6/22/2007		Avidyne Only
18	VSP 191	Avidyne SA-08-001	2/29/2008	DNA - Unit S/N	Avidyne Only
19	VSP 199	P+W SB 3422R1 (Reverse Lever)	2/24/2009	DNA	4697349-385
20	VSP 200	Enviro SL 09-101 (Improved Flow Con. Valve)	8/5/2009		Info. Only
21	VSP 204	Greasing Wheel Bearings	4/29/2010	Info. Only	
22	VSP 209	Zodiac O2 Mask	4/29/2011		4697001-452
23	VSP 212	Garmin SA 1118A	7/6/2011	DNA	4697399 & up
24	VSP 216	Garmin GRS77 & 74AS Functions	6/16/2011	DNA	4697002, 340, 399 & up
25	VSP 219	Garmin SA 1047, Rev. A.	6/30/2011	DNA	4697362 & up
26	VSP 220	P&W SB3434, Mod. Of Prop Shaft Oil Seal	9/8/2011	If Needed	4697001-458
27	VSP 222	Lamar SIL LSI-016, Rev. A	4/2/2012	DNA	4697466-479
28	VSP 228	AVSTAR Warranty	1/29/2013	DNA	Info. Only
29	VSP 244	Lyco. SL L264	4/1/2015	DNA	None
30	VSP 248	Aspen SB Ob2015-01	7/16/2015		None
31	VSP 244A	Lycoming SL L264a	3/8/2016	DNA	
32	VSP-257	P&W SB 3490 - PY Line Support (COMPLETE	2/15/2017	1/25/17 - 2352.4	
33	VSP-263	Garmin SB 1877A	11/9/2018		4697549, 569, 582-625, 627-630
34	VSP 268	Slick SB 1-19	4/11/2019		Piston Planes Only
35	VSP-269	P&W SB3501R1 FOHE R+R COMPLETE	3/30/2020	5/15/20 - 615.7	
36	VSP-270	Garmin SA 1989	1/27/2020	DNA	4697626, 631 & up

### AD NOTES COMPLIANCE RECORD

Airframe - Piper - PA-46-500TP

s/n: 4697177

Engine - Pratt & Whitney - PT6A-42A

s/n: PCE-RM0187

Propeller - Hartzell - HC-E4N

s/n: HH1919

Appliance - Governors - Woodward

s/n: 13637605

Appliance - Governors - Woodward

s/n: 13689948

Appliance - Transponder - GARMIN GTX 330

s/n: 84108771

Appliance - Transponder - GARMIN GTX 330

s/n: 84108797

AD#	Applicable S.B. # & Subject	Date & Hours @ Comp.	Method of Compliance	One Time	Recurring	Next Comp. @ Hrs/Date	Authorized Signature & Number
2001-12-01	Prevent failure of the flap drive bellcrank assemblies		DNA per serial #.	x			Ed Novak A+P 2832024 IA
2004-03-32	Prevent short circuit failure and electrical arcing of the electronic control modules	Ī	DNA per serial #.	х			Ed Novak A+P 2832024 IA
2004-14-12	CORRECTION - Detect and correct inadequate control wheel attachment design features		DNA per serial #.	x			Ed Novak A+P 2832024 IA
2004-15-19	Detect and remove any protective cover over the percussion cap, or any silicon tube over the end of the trigger mechanism pin		DNA per serial #.	x			Ed Novak A+P 2832024 IA
2008-26-11	Prevent ice from forming on the stall vane	5/20/09 - 1252.4	C/W Piper SB 1192.	x			Ed Novak A+P 2832024 IA
2013-13-01	Correction - Main Fuel Tank Vent Valves	2/25/14 - 2056.2	Found orange colored vent valves already installed - no further action is required.	x			Ed Novak A+P 2832024 IA
2015-13-09	Cabin Altitude Encoder Mounting Installation		DNA per serial #.		x		Ed Novak A+P 2832024 IA
2016-01-01	Wing Upper Skin Joints Sealant Application	2/25/14 - 2056.2	Checked wing gap sealant per Piper SB 1262B instructions and found sealant to be intact. No further action is required.	х			Ed Novak A+P 2832024 IA
70-16-01	Woodward governor installations		DNA per part #.	×			Ed Novak A+P 2832024 (A
70-28-02	Woodward governors		DNA per part #.	x			Ed Novak A+P 2832024 IA
81-25-01	Woodward governor flyweights		DNA per model #.	x			Ed Novak A+P 2832024 IA
70-16-01	Woodward governor installations		DNA per part #.	x			Ed Novak A+P 2832024 IA
70-26-02	Woodward governors		DNA per part #.	x			Ed Novak A+P 2832024 IA
81-25-01	Woodward governor flyweights		DNA per model #.	x			Ed Novak A+P 2832024 IA
2004-10-15	Prevent interrogating aircraft from possibly receiving inaccurate replies		Superseded by 2005-01-19.	x			Ed Novak A+P 2832024 IA

		_	
Page	2		of

AD#	Applicable S.B. # & Subject	Date & Hours @ Comp.	Method of Compliance	One Time	Recurring	Next Comp. @ Hrs/Date	Authorized Signature & Number
2005-01-19	Prevent interrogating aircraft from possibly receiving inaccurate replies		DNA per software version #.	x			Ed Novak A+P 2832024 IA
2004-10-15	Prevent interrogating aircraft from possibly receiving inaccurate replies		Superseded by 2005-19-19.	×			Ed Novak A+P 2832024 IA
2005-01-19	Prevent interrogating aircraft from possibly receiving inaccurate replies		DNA per software version #.	x			Ed Novak A+P 2832024 IA
97-04-12	Engine power reduction due to malfunction of the compressor BOV		C/W during engine manufacture.	×			Ed Novak A+P 2832024 IA
2002-23-13	Prevent failure of the turbine exhaust duct		DNA per the the installed exhaust duct part # 3120295- 01.		x		Ed Novak A+P 2832024 IA
2012-09-10	To prevent failure of the sun gear and planet gears		DNA - affected engine parts are O.E.M.		x		Ed Novak A+P 2832024 IA
2005-14-11	Maintenance by Southern California Propeller Service		DNA - propeller not returned to service by So. Cal. Prop. Ser.	х			Ed Novak A+P 2832024 IA
2006-24-07	To detect unsafe conditions that could result in a propeller blade separating from the hub and loss of control of the airplane		DNA per part serial #.	x			Ed Novak A+P 2832024 IA
2008-13-28	To prevent failure of the propeller hub		DNA - Prop is NOT LH rotating.		х		Ed Novak A+P 2832024 IA

### Weight / Balance & Equipment List Revision

### Page #: 1

### NexAir Avionics LLC - N4OR087B

245 SOUTH MEADOW ROAD, GATE 6, HANGAR SW-1 PLYMOUTH, MA 02360 Tel: 508-339-7077

A/C Tall #: N621N

A/C Make : PIPER

Register Name: SKEDADDLE AIR CORP

A/C Model: PA46-500TP A/C Serial # : 4697177

Name 2:

Address 1: 3 MILLSTONE LN

WO Ref #: 6294

Address 2:

WB Date: Jul-23-2020

City, State, PC: LINCOLN MA 01773-4405

WB ID #: 550

### Previous data taken from document dated Jul-01-2020 Previous useful load = 1616.00

Model #	Description	(L8/IN)	Weight	CG/Arm	Moment
Serial #	Part II	Previous data ->	3518.10	197.11	482377.59
REMOVED ITEMS	AIRSPEED INDICATOR 25020-1150		-0.50	115.00	-57.50
J.E.T./A.I.M. 504003592525216	ATTITUDE GYRO, STANDBY 5040035925		-1.50	113,00	-169.50
L3HARRIS 1894	STANDBY BATTERY 501-1682-01		-5.00	150.00	-750.00
PIPER 170401	ALTIMETER 16450-1147		-1.50	114.00	-171.00
REMOVED SUB TOTAL	4 Items @		-8.50	135.06	1148.00
MIDCONTINENT JVB-10084	STANDBY ATTITUDE MODUL 6420302-1	É	1.60	114.00	162,40
INSTALLED SUB TOTAL	1 item @		1.60	114.00	162.40
NEW DATA >>	NEW USEFUL LOAD = 1622,9	90.	3511.20	137.11	481411.99

IT IS THE RESPONSIBILITY OF THE PILOT IN COMMAND TO ENSURE THAT THE AIRCRAFT IS PROPERLY LOADED USING THE ABOVE WEIGHT AND BALANCE DATA AND THE OWNER'S MANUAL LOADING CHARTS.

Authorized Individual: N4OR087B BENJAMIN SCHULTZ

Piper

# AIRCRAFT DESCRIPTION

Registration No. HERWAN NELLIN
Model: PA-46-500TP Popular Name: MERIDIAN
Serial No.: 4697177  Dao37HD  PIDADHD  PIDADHD  POLOSS BLACK  Colors: WHITE & PLUM MET   HARVEST GOLD MET   GLOSS BLACK
Engine Manufacturer: PRATTYWHITNEY Serial Numbers: Single PCE-RMO/87
Original Engine Model: PT6A-42A  Left
Right
Propeller Manufacturer: HARTZELL Hub or Serial Number: Single HH1919
Original Propeller Model: HC-E4N-3Q Left
Blade Numbers
Left Right
<u> </u>
<u> </u>
<u> 199402</u> 2004 MODEL
$\sqrt{99.39}$

# COMPLIANCE WITH FAA AIRWORTHINESS DIRECTIVES

A. D. No. and Date	Method of Compliance (See Log for Details)	Time on Aircraft	Date of Compliance	Signature and Certificate No511281-CE
All applicable Federal / Directives, through Bi-W	Aviation Administration Airworthinese gekly,	4.7	Anne A	John H. BENTLEY
have been complied with	at the time of manufacture.	W	ROIL	DHN H. BENTLEY
2005-01-19	Para (e) - updare Cry S/wo 4.03		160006	Skyrell Tox CAS LFIRZSCILL
		u .		
9				
				-

# COMPLIANCE WITH MANUFACTURER'S SERVICE BULLETINS AND LETTERS

Bulletin or Letter No.	Subject and Remarks	Time on Aircraft	Date of Compliance	Signature and Certificate No.
SB 1152	Frel Resticut Fitting	293.3	2-24-05	SKy Tech Tools CASLEIR 2548
158	Ace drive Pullay	361.4	5-25-05	SKYTECH, INC.
B 1154	Eny Mount Insp	473.8	16 De 05	SKYTCH FAC CASHIR 244 SKYNINGSC
SB/158	Fuel Check Valve	473.8	16 Dec 05	CASLE IRZSUL SKYTUL TAL
SL 1065	A:leas - River Fresp	473.8	160000	CRSLEIRES
SL 1057	Flap Belevank/Rigging	473.4	16 Decub	CASLFIR 29-1

Date	Aircraf	t Time	Recorder	Maintenance
Daie	This Date	Total	Reading	Maintenance
MAR 0 1 2004	Brought Forward	4.7	for the certific	aircraft meets the requirements ation requested and have issued
i Garage			a Standard A	rworthiness Certificate.
			Dated	MAR 0 1 2014
			John H	BENTLEY
			THE ALTIM	ETER AND STATIC SYSTEM
¥.			HAYE BEEN	PERFORMED. THE ALTIMETERISI TESTED TO 60,000 FT.
			ONILL 5/	23/03 pt 5/9/03
a			<b>SOH</b>	NH. BENTKEY
			The ELT is it	Battery re-
			placement of	JOHN H. BENTLEY
Total To Carry Forward		4.7	OUAHT-511	per Aircraft, Inc.

Registration No. NGAWM

and Remarks	Signature	Certificate No.
The ATC Transponder Tests and Inspections required by FAR 91 413 were performed this date and found to comply with FAR 43. Appendix F. ATC Transponder:  1. Make GARMIN Model GTX-330 s/n 84108771  2. Make GARMIN Model GTX-330 s/n 84108797  Details of this inspection are on file at this facility under S/N 4697177 Date 2/5/04  Q.A. Inspector Date 100 JOHN H. BE THE NEW PIPER AIRCRAFT, INC. VERO BEACH, FLORIDA	NTLEY	
THE AUTOMATIC PRESSURE ALTITUDE REPORTING EQUIPMENT TEST REQUIRED BY FAR PART 91217 HAVE BEEN PERFORMED THS  DATE: 2/5/04 SIGNED: JOHN H. BENTLEY		

D-4-	This Date Total Reading		Recorder	Maintenance
Date			Reading	a design of the control of the contr
MAR 0 1 2004	Brought Forward	4.10	usu lensitraqq s end luuqd'in	est our because the series file.
		Ž.		The task the
· · · · · · · · · · · · · · · · · · ·	shanges requi	m computer is ad re that the compu iper Process Spe	iter seπinas de i	ctory. Component checked and 0 60089-3 The
	adjusted per P settings for thi	s aircraft are:	Tipgrams +	
		STALL WARNI	NG 1	TIP GRAMS ACTUAL SETTINGS
	1	FLAPS	+	-3.9
ie u		Full Up 0° 10° - 20° Full Down 36	+ + + + + + + + + + + + + + + + + + +	1.4
				PROCESSING JIT AMOTUA STE
		16	BRUDDA 11	REPORTING EQUIPMENT TE
				2 034000 3140
Total To Carry Forward		4.7		

٠	Registration No. NGAWM	1

and Remarks	Signature	Certificate No
The standby altimeter and static system test required by FAR Part 91.411 have been performed. The standby altimeter has been tested to 35,000 feet on 1/14/04.  South Bettley JOHN H. BENTLEY DDARF-511281-CE		
	· · · · · · · · · · · · · · · · · · ·	

This Date Brought	Total	Reading		Maintenand
Brought				
Forward		~		
	9 9 9		11 11 11 11 11 11 11 11 11 11 11 11 11	
	The New F	Piper Aircraft, Inc	•	DATE <b>63/22/04</b> TTA: 29.7
	2926 Piper Drive			Airframe TT: Landings:
	orward	The New F	The New Piper Aircraft, Inc	The New Piper Aircraft, Inc. 2926 Piper Drive

### **Airframe Entries**

WORK ORDER: 1561-03-2004

Removed pilot's ADAHRS S/n M002494 and installed new ADAHRS S/n M012135. Performed static system check and calibration.... Removed pilot's PFD S/n 0346-015 and installed repaired PFD S/n 0220-005. Ground ops checked good....

Repair Station No. ZPAR410X

The aircraft, airframe, engine, propeller or appliance identified above was inspected, tested, repaired, rebuilt, modified or upgraded in accordance with Title 14 of the Code of Federal Regulations (CFR), Manufacture's Process Spec. and Type Design Data and with respect to the work performed is approved for return to service. Pertinent details of Customer Acceptance Items/Maintenance are on file at this facility under the work order number listed above.

DATE 03/22/04 SIGNED: SIGNED: Certified Repair Station No. ZPAR410X

WORK ORDER: 1561-03-2004

HOBBS: 29.7

Printed by EBis (http://www.datcomedia.com)

The second of th	 	
Total To Carry Forward		

	Registration No		
and Remarks		Signature	Certificate N
	ytech, inc. LOG BOOK ENTRY	(410) 5	re, MD 21220 74-4144
N62WM W/O 22745	Airframe Entry Hobbs: 33.6	March	F1R294K 26, 2004 4697177
of for details.		a repaired unit s/n M0069	
rederal Aviation Regi	LEASE component identified above was repaired and inspectations and was found airworthy for return to service yunder Work Order No	e. Pertinent details of the	current repair

Aircraft Time

Recorder



P.O. Box 4942 Baltimore, MD 21220 (410) 574-4144 CRS #LF1R294K

N62WM W/O 22804 Airframe Entry Hobbs: 75.5

May 3, 2004 S/N 4697177

Removed #1 flux detector s/n 20226 and installed a new unit s/n 20333. Performed a flux detector indexing procedure. END-

The aircraft and/or component identified above was repaired and inspected in accordance with current Federal Aviation Regulations and was found airworthy for return to service. Pertinent details of the repair are on file at this agency under Work Order No. 22804 Date: May 3, 2004 Signed Fulf Coulf for Skytech, Inc., P.O. Box 4942, Baltimore, MD 21220 CRS LF1R294K

a

Fred J. Østerhoff

Authority/C CAA / UNITED	ouriu y	AUTHORISED	JAA FORM ONE	TFICATE	racking Number W04204		
4. Approved O	rganisation Name and Add	dress MEG( AN OPERAT ark, Barnes Wallis	GITT AVION ING UNIT OF MEGG Road, Fareham, Ha	TT /I IV I TO		rder / Contract / Invoice 0272 / 752932 / 50227	
6. Item	7. Description	8. Part No	9. Eligibility *	10. Qty	11. Serial/Batch N	o 12. Status / Work	
1	ADAHRS	37002-01-01 See Box 13		1 M012705		REPAIRED	
T/R No. N1014	DDP-DC 1295 ISSUE 9 12 Rectified as NR101586 15 covered by TSO C4c C6 11 on reverse.	MOD 1, 2,3,4 PTS 0		installation.	Mineral	tec Way Dal Airport L Wells TX D236 USA	
14. Certifie	approved design data and	are in condition for safe o	peration	ertifies that unles	lock 13 was accomplish	other Regulation specification block 13 block 13 the work identified in block 12 ed in accordance with JAR 145 and in red ready for release to service.	
15. Authorised Signature 16. Approval/Authorisation 1 CAA. G. 02107				20. Authorised Signature 21. Certificate/Approval Re CAA 00078			
17. Name 18. Date (d/m/y)		2	Decree here		23. Date (d/m/y) 24/02/04		
JAA Form one	- Issue 4	* Insta	ller must cross-check elig	bility with applic	able technical data		

FAMINK



P.O. Box 4942 Baltimore, MD 21220 (410) 574-4144 CRS #LF1R294K

> May 11, 2004 S/N 4697177

N62WM W/O 22804 Airframe Entry Hobbs: 75.5

- 1. Removed #1 flux detector s/n 20226 and installed a new unit s/n 20333. Performed a flux detector indexing procedure.
- 2. Removed and replaced # 2 ADAHRS with repaired unit p/n 37002-01-01 s/n M012705.

3. Replaced pilot's seat track cable with new unit p/n 554-422.

MAINTENANCE RELEASE

The aircraft and/or component identified above was repaired and inspected in accordance with current Federal Aviation Regulations and was found airworthy for return to service. Pertinent details of the repair are on file at this agency under Work Order No. 22804 Date: May 11, 2004

Signed for Skytech, Inc., P.O. Box 4942, Baltimore, MD 21220 CRS LF1R294K

FA	FAA/UNITED STATES  AUTHORIZED RELEASE CERTIFICATE  FAA FORM 8130-3, AIRWORTHINESS APPROVAL TAG  A19027		· / ·				
	nization Name and Addres	s	Honeywell Internations One Technology Cent 23500 West 105th Str Olathe, Kansas 6600	ter eet	IL)	5. Work Order/Contract/Inv	voice Number:
6. Item:	7. Description:	8. Part Nun	iber:	9. Eligibility*	10. Quantity:	11. Serial/Batch Number:	12. Status/Work:
1	KMD 540		066-04035-0101	N/A	1	X4468	REPAIRED
13. Rema	rks: Repaired per ap	oproved OEM doo	currents. Passes final test per 31	1-60-01.	<u> </u>		
pmponent	at the work specified in bl is considered ready for re is the items identified abo	lease to service und	ed out in accordance with JAR 145 a ler JAA Accepted Certificate Number ed in conformity to:	nd with respect to that JAA.4140	work the aircraft  14 CFR 43.9 Return	Repairman Certificate Number to Service	r: 2603576 Ilation specified in Block 13
	pproved design data and			Block 13 w	as accomplished in a	pecified in Block 13, the work is coordance with Title 14, Code of approved for return to service	dentified in Block 12 and described in of Federal Regulations, part 43 and in a.
5. Authori	zed Signature:	16. Approval/	Authorization No:	20. Author	orized Signature:	Fy 2	Approval/Certificate No:     PR2R093L
7. Name (	Typed or Printed):	18. Date (m/d			(Typed or Printed):  MAUSOR		3. Date (m/d/y):  5/12/04
				aller Responsibili			
here the use er/installer e	er/installer performs works insures that his/her airwor	in accordance with thiness authority ac constitute installation	Copie para company	thiness authority differe from the airworthiness	ent than the airworthin authority of the count	ess authority of the country spery specified in Block 1.	ecified in Block 1 it is essential that the
user/installe	er before the aircraft may	be flown.		nstaller must cross che		1)	NSN:0052-00-012-9005
A Form 813	30-3 (6-01)		and the second s				

**Aircraft Time** 

Recorder

Maintenance



**LOG BOOK ENTRY** 

P.O. Box 4942 Baltimore, MD 21220 (410) 574-4144 CRS #LF1R294K

N62WM W/O22870 Airframe Entry Hobbs:102.5 May 26, 2004 S/N4697177

- 1. Repaired pressurization leak at emergency exit opening by applying PRC-1422 sealant to affected area.
- 2. Removed and replaced KMD 850 with a repaired unit p/n 066-04035-0101 s/n X4468.

MAINTENANCE RELEASE

The aircraft and/or component identified above was repaired and inspected in accordance with current Federal Aviation Regulations and was found airworthy for return to service. Pertinent details of the repair are on file at this agency under Work Order 22870 No. Date: 5/26/04

Signed

for Skytech, Inc., P.O. Box 4942, Baltimore, MD 21220 LF1R294K

CAA / UNITED	country	AOTHORISED	RELEASE CERT	IFICATE		3. Form Tracking	g <u>Mumber: 10</u> 870
1	rganisation Name and Add	ress <b>MEGG</b> AN OPERATIN k, <b>Barnes Wallis R</b> o	ITT AVIONING UNIT OF MEGGIT oad, Fareham, Han	TUKLITO		5. Work Order / ( NRC00474 / 7.	Contract / Invoice 53369 / 52148
6. Item	7. Description	8. Part No	9. Eligibility *	10. Qty	11. Serial	/Batch No	12. Status / Work
4 4 7	AIR DATA AND ATTITUDE HEADING REFERENCE SYSTEM	37002-01-01	See box 13	1	M011928		Repaired
				,	NR102516		
	This product is covered by Installation. TSO-C4c-C6d-C106 DDP-DC1295 Issue 9 PTS0361 Issue 7 MOD 1 2 3 4	y TSO. Eligibility is to b			S-TEC, ONE S-TEC MUNICIPAI MINERAL V TEXAS 7606	L AIRPORT, VELLS,	
1 0:5 1	/		/	_			
ap	pproved design data and are i	n condition for safe operat	Certifi and de respec	es that unless of scribed in block to that work	45.50 Release otherwise spec ck 13 was according the items are of	cified in block 13	Other Regulation specifing in block 13 the work identified in block 12 ordance with JAR 145 and in for release to service.
ap	pproved design data and are i	n condition for safe operat	Certifi and de respec	es that unless of scribed in block to that work thorised Signa	45.50 Release otherwise spec ck 13 was according the items are of	cified in block 13 omplished in acco	in block 13 the work identified in block 12



P.O. Box 4942 Baltimore, MD 21220 (410) 574-4144 CRS #LF1R294K

N62WM W/O 22907 Airframe Entry Hobbs: 118.1 June 11, 2004 S/N 4697177

- 1. Repaired emergency exit door seal with RTV157 leak checked satisfactory.
- 2. Bled L/H brake and serviced reservour with MIL-H-5606 fluid.
- 3. Removed #2 ADAHRS p/n 37002-01-01 s/n M012705, installed a repaired unit s/n M011928 perfromd calibration ops checked satisfactory.
- 4. Inspected pitot line and tube after pilot reported no airspeed on take off. Blew contamination out of line ops checked system satisfactory.

-END

MAINTENANCE RELEASE

 **Aircraft Time** 

Recorder



P.O. Box 4942 Baltimore, MD 21220 (410) 574-4144 CRS #LF1R294K

N62WM W/O 22955 Airframe Entry Hobbs: 142.3 July 1, 2004 S/N 4697177

	1.	Removed and repla	aced Yaw Amplifier with new	unit p/n 0121-7 s/n 0424-264	4A. All operations
The Fe	e airci	Aviation Regulations e at this agency under	ent identified above was repair and was found airworthy for a er Work Order No. 22955	return to service. Pertinent de	etails of the repair

Re	egistration No		1
			No
Skyle	LOG BOOK ENTRY	P.O. Box 4942 Baltimore, MD 21220 (410) 574-4144 CRS #LF1R294K	
62WM /O 23212	Airframe Entry Hobbs:160.6	November 10, 2004 S/N 4697177	-
5606, per Piper M/l  AINTENANCE RELEASE e aircraft and/or componer deral Aviation Regulations	actuator with serviceable unit p/n 651-553. Serviced M ch. 12-10-00. Ops checked-Satisfactory END  nt identified above was repaired and inspected in and was found airworthy for return to service. Pert Work Order NoDate:	accordance with current inent details of the repair	



N 62WM W/O 23070 Cycles: 241 **LOG BOOK ENTRY** 

Airframe Entry Hobbs: 241.9

TT A/F: 241.9

P.O. Box 4942
Baltimore, MD 21220
(410) 574-4144
CRS #LF1R294K
December 17, 2004
S/N 4697177

- 1. C/W annual inspection IAW Piper inspection guide for PA-46-500TP.
- 2. Replaced L/H tire with new Goodyear S/N 30701113 and tube with new Michelin tube P/N 6.00x6. Replaced R/H tire with new Goodyear tire S/N 32500411 and tube with new goodyear tube P/N 6.00x6.
- 3. Re-adjusted and secured door seal for proper alignment
- 4. C/W ELT inspection IAW FAR 91.207(d). Ops check satisfactory.Battery expires 02-2006
- 5. Performed a 1 year ground pressurization test per the Piper Meridain MM chapter 21-30-00.
- Performed a 1 year EPU capacity check per the BF Goodrich Service Letter SL-120A dated Febuary 18, 1994.
- 7. Performed a 90 Day/200 hour battery capacity check per the Concorde ICAW MM suplement Rev H.
- 8. C/W fuselage and wing corrosion inspection
- Replaced R/H and L/H MLG brake linings with new P/N 066-06200. Conditioned brakessatisfactory

Tote Carry Forward

egistration	No	and the state of t
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Skytech, inc. Log

N 62WM W/O 23070 Cycles: 241 **LOG BOOK ENTRY** 

Airframe Entry Hobbs: 241.9

TT A/F: 241.9

P.O. Box 4942
Baltimore, MD 21220
(410) 574-4144
CRS #LF1R294K
December 17, 2004
S/N 4697177

No.

- Replaced NLG wheel bearings with new bearings P/N 08125. Replaced races with new races P/N 08231.
- 11. Replaced nose wheel bearing felts with new felts P/N 154-00600.
- 12. Replaced L/H Nav light bulb with new bulb P/N A7512-24. Ops check satisfactory.
- Removed several smoking rivets at wing roots. Installed new rivits P/N CR3245-4-3 and CR3245-5-3.
- 14. Applied chafe tape to missing sections on L/H wing flap.
- 15. Adjusted rudder cable tensions IAW Piper M/M 27-20-00.
- 16. Adjusted elevator cable tensions per Piper M/M ch. 27-30-00.
- 17. Adjusted elevator trim cable tensions per Piper M/M Ch. 27-30-00.
- 18. Adjusted pitch servo cable tension per Piper M/M Ch. 22-10-00.
- 19. Adjusted yaw servo cable tension IAW Piper M/M 27-10-00.
- 20. Properly installed saftey wire on oil cooler drain bolt.
- 21. Installed new o-ring P/N MS28775-012 on hydraulic reservoir cap.



N62WM W/O23559

Total To

Carry . ......

Airframe Entry Hobbs:361.4 P.O. Box 4942 Baltimore, MD 21220 (410) 574-4144 CRS #LF1R294K

> May 25 ,2005 S/N 4697177

- 1. Performed Piper mandatory SB 1158 Accessory drive pulley improvement per the SB instructions.
  Installed a new pulley p/n 593-003 and cap p/n 49200-004. SB dated April 1, 2005.
- Installed a new alternator belt p/n 73965-023.

Z.	insidiled a flew difficulty bein p/ii/ 6/66 626.
	END
MAI	NTENANCE RELEASE
The	aircraft and/or component identified above was repaired and inspected in accordance with current
Fed	eral Aviation Regulations and was found airworthy for return to service. Pertinent details of the repair are
on f	
Sign	for Skytech, Inc., P.O. Box 4942, Baltimore, MD 21220 CRS LF1R294K

Registration No	•
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P.O. Box 4942 Baltimore, MD 21220 (410) 574-4144 CRS #LF1R294K No.

Aircraft Reg. No. 62WM Serial No. 4697177

The Altimeter(s) Static and Altitude Reporting Systems test as required by FAR 91.411 in accordance with FAR 43 Appendix E have been performed. Altimeters tested:

R/H Model 37001-01 S/N MO/1918 Tested To 30-000

R/H Model 37001-01 S/N MO/1918 Tested To 30-000

STBY Affire fet Model 16450-1147 S/N 170401 Tested To 30-000

The systems have been found airworthy for return to service. Details of this inspection are on file at this Agency under Work Order No. 2376 Date:

**Aircraft Time** 

D - - - - - - -



N62WM W/O 23769 LOG BOOK ENTRY

Airframe Entry Hobbs: 473.8, Actt: 473.8 P.O. Box 4942
Baltimore, MD 21220
(410) 574-4144
CRS #LF1R294K
December 16, 2005

S/N 4697177

nce

- 500 hour gear warning horn check.
- 4. Adjusted aileron stop bolts on left and right hand wing per Piper PA-46-500TP MM 27-10-00.
- 5. Adjusted the yaw servo cable tension per the Piper PA-46-500TP Meridian MM chapter 22-10-00.
- 6. Rigged the elevator control system per the Piper PA-46-500TP Meridian MM chapter 27-30-00.
- 7. Rigged the elevator trim control system per the Piper PA-46-500TP Meridian MM chapter 27-30-00.
- 8. Rigged the rudder control system per the Piper PA-46-500TP MM chapter 27-20-00.
- 9. Rigged the squat switch.
- 10. Sealed left wing as needed to prevent fuel leak.
- 11. Installed 13 new static wicks p/n 456-872.
- 12. Installed a new latch p/n 571-159 on the DV window.
- 13. Installed a new #2 Transponder Antenna CI105 s/n 24136.
- 14. Installed a new sun visor p/n 104342-002 on the co-pilot side.
- 15. Installed new o-rings p/n MS28775-222 in the left brake assy.
- 16. Installed new discs p/n 754-693 and linings p/n 066-06200 on the left and right MLG.
- 17. Installed new bushings p/n 452-857 in the right MLG strut, a new bolt p/n 691-315 in the upper torque link, new bushings p/n 453-721 in the upper and lower torque links and a new bolt p/n 691-308 in the center of the torque links.

Skytech, inc.

N62WM W/O 23769 LOG BOOK ENTRY

Airframe Entry Hobbs: 473.8, Actt: 473.8 P.O. Box 4942
Baltimore, MD 21220
(410) 574-4144
CRS #LF1R294K
December 16, 2005

S/N 4697177

e No.

- 18. Replaced the seals in the right MLG strut. Serviced with hydraulic fluid and nitrogen.
- 19. Installed 2 ea. new upper hoses p/n 5-905 on the left and right MLG actuators. Bled the system and serviced the reservoir.
- 20. Installed new bushings p/n 452-857 in the left MLG strut, a new bolt p/n 691-315 in the upper torque link, new bushings p/n 453-721 in the upper and lower torque links and a new bolt p/n 691-308 in the center of the torque links.
- 21. Installed a new left lower strut assy p/n 83607-008 and replaced the seals. Serviced with hydraulic fluid and nitrogen.
- 22. Re-installed the standby altimeter p/n 16450-1147 s/n 170401 after repair by Mid-Continent Instrument Co., Inc., CRS OL2R061L, w/o WRK0069816. Performed leak test.
- 23. Removed yaw damper computer p/n 021-7 s/n 0503-2767A and installed a new unit s/n 2358A.
- 24. Removed fuel solenoid valve assembly p/n 102233-003 s/n 0006 and installed a new fuel solenoid s/n 0074.
- 25. Installed Lopresti Speed Merchants STC SA02279AT, Boom Beam recognitions lights in accordance with Master Drawing List Report Number 43, Revision O, dated September 30, 2005 and the Boom Beam Installation Instructions LSM-500-013 Revision D dated June 4, 2005. Left bulb p/n LMS-500-200-100 s/n 8032, ballast p/n LSM-500-200-128 Rev IR \*24V s/n 9084, right bulb p/n LMS-500-200-100 s/n 9733,



N62WM W/O 23769 **LOG BOOK ENTRY** 

Airframe Entry Hobbs: 473.8, Actt: 473.8 P.O. Box 4942 Baltimore, MD 21220 (410) 574-4144 CRS #LF1R294K December 16, 2005 S/N 4697177

ballast p/n LSM-500-200-128 Rev A \*24V s/n 10483. Updated the weight & balance report and the equipment list. See FAA form 337 dated December 9, 2005.

- 26. Performed the following S/L's:
  - 1065 Aileron rivet inspection per the SL instructions. No defects were noted, no further action is required. SL dated July 29, 2005.
  - 1097 Flap belcrank inspection and flap rigging check part 1 and part 2 . SL dataed October 17, 2005.
- 27. Performed the following S/B's:
  - SB 1154 Engine mount inspection Part 1. SB dated June 10, 2005. Due again in 100 hrs at ACTT: 573.8.
  - SB 1159 Fuel system check valve performed per the instructions. Rev "A" valves installed, no further action needed. SB dated November 10, 2005.
- 28. AD 2005-01-19 GARMIN International Inc. GTX 33, GTX 33D, GTX 330, and GTX 330D Mode S Transponders performed per para (e). Installed software version 4.03 in both transponders s/n's 84108797 and 84108771. Effective date February 23, 2005.
- 29. A/D Notes Checked to Bi-weekly 2005-25. See AD Log dated 12-16-05.

### MAINTENANCE RELEASE

The aircraft and/or component identified above was repaired and inspected in accordance with current Federal Aviation Regulations and was found airworthy for return to service. Pertinent details of the repair are on file at this agency under Work Order No. 23769 Date: December 16, 2005 Signed for Skytech, Inc., P.O. Box 4942, Baltimore, MD 21220 CRS LF1R294K

This aircraft has been inspected in accordance with an annual inspection and has been deemed airworthy at this time.

1. Approving National Aviation Authority/Country: FAA/UNITED STATES		2. AUTHORIZED RELEASE CERTIFICATE FAA Form 8130-3, AIRWORTHINESS APPROVAL TAG  3. Form Tracking Number: WRK0069816						
4. Orga	nization Name and Address:	INID-CONTI	INENT INSTRUM IN ST. NORTH IN ST. 67226	ENT CO., INC	R061L	Number:	Order/Contract/Invoice	
6. Item:	7. Description:	8. Part Number:	9. Eligibility:	10. Quantity:	11. Serial/Batch	Number:	12. Status/Work:	
1	ALTIMETER	16450-1147 PS50189-3	N/A	<b>1</b> 0	170401		REPAIRED	
1	red ready for release to service unfies the items identified above of Approved design data and are Non-approved design data specific	were manufactured in conform	on. Cert and Federal	14 CFR 43.9 Retuines that unless other described in Block	erwise specified in blo	ock 13, the wo	ork identified in Block 12 with Title 14, Code of the items are approved for	
15. Authorized Signature: 16. Approval/Authorization No.:			on No.: 20.	20. Authorized Signature 21.			Approval/Certificate No. FAA CRS OL2R061L	
17. Name (Typed or Printed):  18. Date (m/d/y):			22.1	22. Name (Typed or Printed):  RANDALL FERGUSON			Date (m/d/y): December 5, 2005	
Where th authority	rtant to understand that the exi e user/installer performs work i of the country specified in Bloc airworthiness authority of the c	stance of this document alon n accordance with the nation ck 1, it is essential that the use	al regulations of an	ically constitute at airworthiness aut	hority different than	the airworth	iness	
Statemen	ts in Blocks 14 and 19 do not c	onstitute installation certifica	tion. In all cases, a	ircraft maintenanc	e records must con	tain an instal	lation	

NSN: 0052-00-012-9005

certification issued in accordance with the national regulations by the installer/user before the aircraft may be flown.

nd Remarks

**Signature** 

Certificate No.



N62WM W/O 24082 **LOG BOOK ENTRY** 

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Airframe Entry Hobbs: 559.7 P.O. Box 4942
Baltimore, MD 21220
(410) 574-4144
CRS #LF1R294K
March 22, 2006
S/N 4697177

Performed Piper SB 1158A per the SB instructions. Installed a new accessory drive assembly p/n 593-100, gasket p/n 102429-002, new woodruff key p/n 424-910, new pulley p/n 593-004 (102406-006), and new belts p/n 73965-024 and 73965-024 SB dated 1/30/06.

#### MAINTENANCE RELEASE

The aircraft and/or component identified above was repaired and inspected in accordance with current Federal Aviation Regulations and was found airworthy for return to service. Pertinent details of the repair are on file at this agency under Work Order No. 24082 Date: March 22, 2006

Signed Signed For Skytech, Inc., P.O. Box 4942, Baltimore, MD 21220 CRS LF1R294K



N 62WM W/O 23975 Airframe Entry Hobbs: 580.9

P.O. Box 4942 Baltimore, MD 21220 (410) 574-4144 CRS #LF1R294K April 26, 2006 S/N 4697177

1. 2.	Removed cracked FIS antenna P/N: FIS10-751, S/N: 0271, and installed new S/N: 1375.  Removed two bent seatback clevis pins in pilot and copilot seats. Installed new pins p/n 654-482.  ENDEND
Fede	ATENANCE RELEASE  aircraft and/or component identified above was repaired and inspected in accordance with current ral Aviation Regulations and was found airworthy for return to service. Pertinent details of the repair are at this eigency under Work Order No.  at this eigency under Work Order No.  for Skytech, Inc., P.O. Box 4942, Baltimore, MD 21220 CRS LF1R294K

and Remarks

Signature

Certificate No.



N62WM W/O 24147 LOG BOOK ENTRY

Airframe Entry Hobbs: 587.2

P.O. Box 4942 Baltimore, MD 21220 (410) 574-4144 CRS #LF1R294K

May 4, 2006 S/N 4697177

- Removed the nose gear door actuator p/n 102558-2 s/n FH0259 and installed a repaired (Frisby 1. Aerospace, LLC, CRS UFHR760L, w/o 44963) unit s/n FAH0322.
- Replaced 2 pins p/n 654-482 in the pilots seat back recline mechanism. 2.

### MAINTENANCE RELEASE

The aircraft and/or component identified above was repaired and inspected in accordance with current Federal Aviation Regulations and was found airworthy for return to service. Pertinent details of the repair are on file at this agericy under Work Order No. 24147 Date: May 4, 2006

for Skytech, Inc., P.O. Box 4942, Baltimore, MD 21220 CRS LF1R294K



N62WM W/O 24379 Airframe Entry Hobbs: 628.0 P.O. Box 4942
Baltimore, MD 21220
(410) 574-4144
CRS #LF1R294K
September 6, 2006
S/N 4697177

1.	Removed battery p/n RG41 s/n 40004239 and installed new battery p/n RG41 s/n 40145596. All operations satisfactory.
	END
MAI	NTENANCE RELEASE
The	aircraft and/or component identified above was repaired and inspected in accordance with current
Fed	eral Aviation Regulations and was found airworthy for return to service. Pertinent details of the repair are
on fi	ile of this agency under Work Order No. 24379 Date: 9/6/06
Sign	for Skytech, Inc., P.O. Box 4942, Baltimore, MD 21220 CRS LF1R294K

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N62WM W/O 24390 Airframe Entry

Hobbs: 628.0

P.O. Box 4942 Baltimore, MD 21220 (410) 574-4144 CRS #LF1R294K

September 15, 2006 S/N 4697177

- 1. Removed starter switch p/n 602-518 s/n 0347, and installed an altered switch p/n 688-499 s/n 0052 from Piper Aircraft Corporation, Ops checked switch satisfactory,
- 2. Removed and replaced both ignitors with new units p/n CH34055. All operations satisfactory.

MAINTENANCE RELEASE

The aircraft and/or component identified above was repaired and inspected in accordance with current Federal Aviation Regulations and was found airworthy for return to service. Pertinent details of the repair are on file at this agency under Work Order No. 2700 Date: 15, 360t. 00 Signed 1000 Skytech, Inc., P.O. Box 4942, Baltimore, MD 21220 CRS LF1R294K

N62WM W/O 24406 Airframe Entry Hobbs: 673.9 P.O. Box 4942
Baltimore, MD 21220
(410) 574-4144
CRS #LF1R294K
November 1, 2006
S/N 4697177

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- 1. Removed pilots seat and installed new clevis pins for seat back recline, ops checked satisfactory
- 2. Performed 100 hour power recovery and turbine wash per Piper Meridian M/M Ch. 12-00-00 and P&WC M/M Ch. 71-00-00.
- 3. Removed the oil filter and a sample of oil. Installed a new oil filter p/n 3029258-01.
- 4. Removed worn RH MLG tire s/n 32500411 and installed new Goodyear Flight Custom 3 6.00x6 8ply tire p/n 606C86-6 s/n 51040239 with new 6.00x6 tube. Inflated to 55psi nitrogen.

MAINTENANCE RELEASE
The aircraft and/or component/identified above was repaired and inspected in accordance with current
Federal Aviation Regulations and was found airworthy for return to service. Pertinent details of the repair are on file at this agency under Work Order No.
on file at this agency under Work Order No. Date: 1/104.04
Signed 1000 for Skytech, Inc., P.O. Box 4942, Baltimore, MD 21220 CRS LF1R294K

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Registration	No	
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Skylech, inc. Log

N62WM W/O 24334 **LOG BOOK ENTRY** 

Airframe Entry Hobbs: 710.0 TT Airframe: 710.0 P.O. Box 4942 Baltimore, MD 21220 (410) 574-4144 CRS #LF1R294K

December 27, 2006 S/N4697177

- 1. Performed an annual inspection of the aircraft per the Piper PA-46-500TP Malibu Meridian MM chapter 05-20-00 Events #1 and #2. This aircraft is deemed airworthy at this time.
- Performed Piper mandatory SB 1154A Engine mount inspection Part II. Removed engine mount p/n 102460-002 s/n 360502 and installed a new mount p/n 102460-036 s/n 486154 with kit 767-515. Kit installed per Dwg. 88390 dated 4-25-06.
- 3. Preformed SB 1170 Louvered cover assembly dated 10/6/06 per Piper drawing 88402 rev B with Kit 767-545.
- 4. Performed Piper mandatory SB 1173 Engine oil hose assemblies per the SB instructions by installing kit p/n 88407-002. SB dated November 1, 2006.
- 5. Performed Piper mandatory SB 1175 by inspecting pilot's side window, NDN.

 Performed Piper mandatory SB 1177 - Nose wheel assembly per the SB instructions by installing kit p/n 767-569. Utilized Cleveland SB7083 dated May 23, 2006. SB dated November 1, 2006.

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- 7. Performed a 30 day battery compartment inspection.
- 8. Performed a 30 day EPU condition inspection.
- 9. Performed a 30 day fire extinguisher check.
- 10. Performed a 90 Day brake fluid reservoir inspection.
- 11. Performed a 90 day hydraulic reservoir inspection.
- 12. Performed a 90 Day/200 hour battery capacity check.
- 13. Performed a 300 hour fixed oxygen cylinder inspection.
- 14. Performed a 1 year EPU capacity check.
- 15. Performed a 1 year pilot oxygen mask inspection.
- 16. Performed a 1 year/500 hour ground pressurization test.
- 17. Performed a 2 year/500 hour wing fuel strainers inspection.
- 18. Inspected the ELT per FAR 91.207(d). Battery expiration date is Dec 2007.
- 19. Rigged the elevator control system per the Piper PA-46-500TP Meridian MM chapter 27-30-00.
- Rigged the elevator trim control system per the Piper PA-46-500TP Meridian MM chapter 27-30-00.
- 21. Rigged the rudder control system per the Piper PA-46-500TP MM chapter 27-20-00.
- 22. Adjusted the pitch servo cable tension per the Piper PA-46-500TP Meridian MM chapter 22-10-00.
- 23. Adjusted the yaw servo cable tension per the Piper PA-46-500TP Meridian MM chapter 22-10-00.
- 24. Removed and replaced the left MLG upper torque link bushings p/n 452-857.
- 25. Removed and replaced the right MLG upper torque link bushings p/n 452-857.
- 26. Removed corrosion from the engine fwd ground point. Applied a coating of Dinitrol AV8 to the area as needed.
- 27. Installed a new static wick p/n 465-872 on the elevator.
- 28. Serviced the oxygen.
- 29. Installed 2 ea. new races p/n 08231and 2 ea. new bearings p/n 08125 in the nose wheel.
- 30. Removed old FIS antenna p/n FIS10-751 s/n 1375 and installed a new antenna p/n CI248-180 s/n 106013.

Registration	No.	
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P.O. Box 4942 Baltimore, MD 21220 (410) 574-4144 CRS #LF1R294K

- 31. Installed a new 6.00 X 6 8 ply Goodyear Flight Custom III tire s/n 61170510 and tube on the left main.
- 32. Removed and replaced the forward door cable p/n 89630-004.
- 33. Installed new sections of flap anti chafe tape on the left and right wing trailing edges.
- 34. Installed a new reading light switch p/n 602-502 at the #1 passenger location.
- 35. A/D Notes Checked to Bi-weekly 2006-23. See AD Log dated 12-27-06.
- 36. Performed post-inspection ground run operational and leak checks are satisfactory.

### MAINTENANCE RELEASE

The aircraft and/or component identified above was repaired and inspected in accordance with current Federal Aviation Regulations and was found airworthy for return to service. Pertinent details of the repair are on file at this agency under Work Order No. 24 334 ... Date: 12/27/06

Signed \_\_\_\_\_\_ for Skytech, Inc., P.O. Box 4942, Baltimore, MD 21220 CRS LF1R294K

This aircraft has been inspected in accordance with an annual inspection and has been deemed airworthy at this time.

- Ke -	Aircraft	Record	er				
te	This Date	Total	Readir	ng		M	ainter
	Hill Aircraft & Leasi	ng Corp.	FAA Cer	tified Repair	Station ESE	R686D	
	Customer Name: H&	&M Bay Inc.					
	Work Order Reg. N 8297 N62V		Model PA-46-500TP	Serial 4697177	Hobbs 835.4	Closed 8-3-07	
	Installed customer su compressor belt. All Meridian M.M. Chap	Work perfor	rmed I/A/W the	Piper Aircra	ft PA-46-5007	ΓP Malibu	
	The Aircraft, Airfrantenance and inspected Administration and inspected and inspected are also as a second are	ed in accorda	ance with curren	t regulations	ce identified as of the Federa	above was al Aviation	
	Signed:	[e]	Leison	for CRS# ]	ESER686D		
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P.O. Box 4942 Baltimore, MD 21220 (410) 574-4144 CRS #LF1R294K

N62WM W/O 25094 Airframe Entry Hobbs: 892.1

October 30, 2007 S/N 4697177

Removed NLG actuator assembly s/n 0219 and installed new actuator assembly p/n 89075-021 s/n 0484. Bled air from hydraulic system, rigged NLG extension to within limits, and adjusted nose steering clearance IAW Piper PA46-500TP MM chapter 32-30-00. Ops check satisfactory.

### MAINTENANCE RELEASE

The aircraft and/or component ideptified above was repaired and inspected in accordance with current Federal Aviation Regulations and was found airworthy for return to service. Pertinent details of the repair are on file at this agency under Work Order No. 25094 Date: \_October 30, 2007\_ for Skytech, Inc., P.O. Box 4942, Baltimore, MD 21220 CRS LF1R294K Signed



P.O. Box 4942, Baltimore, Maryland 21220

Phone: (410) 574-4144 / Fax: (410) 780-4439

Airframe	Log Entry	Hobbs:	910.0	Registration #:	N62WM
Date:	December 18, 2007	<b>Total Time:</b>	910.0	Make/Model:	PA46-500TP
W/O:	25017	Cycles:	392	S/N:	4697177

### Performed an ANNUAL Inspection:

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- Performed an annual inspection of the aircraft per the Piper PA-46-500TP Malibu Meridian MM chapter 05-20-00 Events #1 and #2.
- Inspected the ELT per FAR 91.207(d). Installed new battery p/n 452-0130. OPS check good. Battery expiration date April 2010.

### Complied with the following Special Inspections:

- 1 year EPU capacity check per the L3 Communications Service Letter SL-120 Rev. D dated May 3, 2006 and the Piper PA-46-500TP Malibu/Meridian MM chapter 34-20-00.
- 1 year pilot oxygen mask inspection per the Piper PA-46-500TP Malibu Meridian MM chapter 35-10-00.
- 1 year/500 hour ground pressurization test per the Piper Meridian MM chapter 21-30-00.
- 30 day battery compartment inspection per the Piper PA-46-500TP Malibu/Meridian MM chapter 12-10-00.
- 30 day EPU condition inspection per the Piper PA-46-500TP Malibu/Meridian MM chapter 5-30-00.

Registration	٧٥	



P.O. Box 4942, Baltimore, Maryland 21220

Phone: (410) 574-4144 / Fax: (410) 780-4439

- 30 day fire extinguisher check per Piper PA-46-500TP Malibu/Meridian M/M chapter 26-20-00.
- 600 hour fuel system filter replacement per the Piper PA-46-500TP Malibu/Meridian MM chapter 28-20-00.
- 90 Day brake fluid reservoir inspection per the Piper PA-46-500TP Malibu/Meridian MM chapter 05-30-00.
- 90 day hydraulic reservoir inspection per the Piper PA-46-500TP Malibu/Meridian MM chapter 05-30-00.
- 90 Day/200 hour battery capacity check per the Piper PA-46-500TP Malibu/Meridian MM chapter 24-30-00.

## Complied with the following Airworthiness Directives (AD's):

C/W AD 2005-01-19 - GARMIN International Inc. GTX 33, GTX 33D, GTX 330, and GTX 330D Mode S Transponders. Does not apply by software level 4.03 installed. Effective date February 23, 2005.

## Complied with the following Service Bulletins (SB's):

- Performed Piper mandatory SB 1166-Stall warning heat module replacement by installing a new module p/n 10227-007.
- Performed Piper mandatory SB 1173A Engine oil hose assemblies per the SB instructions by installing kit p/n 88407-002. SB dated May 29, 2007. Part 1 was previously complied with at ACTT 710.0. Modified lower engine cowling per part 2 of Piper mandatory SB 1173A.



Forward

P.O. Box 4942, Baltimore, Maryland 21220

Phone: (410) 574-4144 / Fax: (410) 780-4439

- Performed Piper mandatory SB 1175 Pilot's side window inspection per the Instructions section Part 1. No cracks noted at this time. SB due again at Actt: (960.0). SB dated December 13, 2006
- Performed Piper mandatory SB 1176 Rudder quadrant/Torque tube inspection per the SB instructions. No cracks noted on the rudder flange. Added shims as needed to the quadrant. Rigged the rudder per the Piper PA-46-500TP Malibu/Meridian MM chapter 27-20-00. SB dated January 16, 2007.
- Piper mandatory SB 1178- NOSE GEAR FORGING INSPECTION/REPLACEMENT does not apply due to aircraft s/n.
- Piper mandatory SB 1181- FLAP TRACK/SPLICE STRAP INSPECTION AND MODIFICATION does not apply due to aircraft s/n.
- Performed Piper mandatory SB 1183 Inspection of Emergency Exit Door dated May 15, 2007 by inspecting and functional testing escape hatch panel assembly per parts 1 and 3 of the service bulletin. No further compliance needed.
- Performed Piper mandatory SB 1185- PLACARD REPLACEMENT by installing placard p/n 684-762 on the external power door. SB dated August 30, 2007.
- Piper SL 1100 Crew seat modification performed per the instructions section by installing kit p/n 767-522. SL dated June 18, 2006.

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Performed Piper SL 1102 - Oil pressure indication subject to RMI/EMI per the SL instructions. Installed kit p/n 88408-002 per the kit DWG No. 88408 Rev A. SL dated Oct 9, 2006.

## Completed the following additional items:

- Evaluated and cleared the exceedances from the DAU.
- Installed a new pin p/n 83721-004 in the right hand forward main gear door hinge.
- Installed shims p/n 83698-002 as needed in the main landing gear upper trunnion forward attach points per Piper PA-46-500TP MM 32-10-00.
- Installed a new lanyard p/n 472-059 on the right hand fuel cap.
- Stopped drilled both cracks in the aft wing root fairings on both sides by the aft inspection panel.
- Installed a new right hand taxi light module p/n 602-518.
- Installed a new navigational lights control module p/n 602-518.
- Installed a new seal on the emergency exit p/n 83267-002.
- Re-installed pilots seat actuator clip.
- Installed two new static wicks p/n 456-872 on the elevator.
- Installed a new brake disc p/n 754-693 (164-07800) on the left/right main wheel per the Piper PA-46-500TP Malibu/Meridian MM chapter 32-40-00.



P.O. Box 4942, Baltimore, Maryland 21220

Phone: (410) 574-4144 / Fax: (410) 780-4439

- Installed new brake linings p/n 761-197 and new shims 068-01100 p/n on both brake calipers.
- Installed new insulators p/n on 752-094 the right hand caliper.
- Installed new felts p/n 154-01300, 154-00300, and 154-00600 on the wheels.
- Installed a new race p/n 757-831 and a new bearing 758-733 p/n on the nose wheel (valve stem side).
- Installed new bushings p/n 452-857 and new bolt p/n 691-315 on the left hand upper main gear torque link.
- Installed new bushings p/n 452-857, 67026-007 and a new bolts p/n 691-315 in the right MLG lower trunion (upper and lower torque links) per the Piper PA-46-500TP Malibu/Meridian MM chapter 32-10-00.
- Installed new bushings p/n 452-857, 67026-007 and a new bolts p/n 691-315 in the nose gear (upper and lower torque links) per the Piper PA-46-500TP Malibu/Meridian MM chapter 32-10-00.
- Tightened several fuel transfer lines in the left hand wing.
- Removed old stabilizer gap seal and installed new p/n 63186-041.
- Installed two new number 8 nut plates in one inspection panel in the right hand wing.
- Installed a new vacuum regulator filter p/n B3-5-1.



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No.

Phone: (410) 574-4144 / Fax: (410) 780-4439

- Installed two new belly drain placards p/n 100700-17.
- Installed two new static drain placards p/n 100700-4 on the belly of the aircraft.

I certify that this AIRCRAFT has been inspected in accordance with an ANNUAL inspection and was determined to be in airworthy condition.

## MAINTENANCE RELEASE

The aircraft and/or component identified above was repaired and inspected in accordance with current Federal Aviation Regulations and was found airworthy for return to service. Pertinent details of the repair are on file at this agency under Work Order No: 25017 Date: December 18, 2007 for Skytech, Inc., P.O. Box 4942, Baltimore, MD 21220. Signed //

CRS# LF1R294K



P.O. Box 4942, Baltimore, Maryland 21220

Phone: (410) 574-4144 / Fax: (410) 780-4439

Airframe	Log Entry	Hobbs:	910.0	Registration #:	N62WM
Date:	December 19, 2007	<b>Total Time:</b>	910.0	Make/Model:	PA-46-500TP
W/O:	25017	Cycles:		S/N:	4697177

- Removed upper VHF comm (no. 1) antenna Cl139 s/n 3080684 and installed a new Comant Com/XM antenna p/n Cl 2680-206 s/n 205149.
- Removed KMD 850 database card p/n: 071-00161-0101. Installed new database/software card to update KMD 850, software # 206-00406-0201, p/n: 071-00161-0201 containing software ver. 02/01 per Honeywell Software Service Bulletin SWB KMD 540-SW1, Rev 1 dated 06 Aug. 2007 and Americas database eff 20 Dec. 2007. 12-13 JPM
- Removed Bendix/King KDR 510 VDL (FIS) receiver, p/n 064-01088-0101, s/n 2206. Installed Honeywell KDR 610 XM receiver, p/n 409273-902, s/n 3247628. XM ID KZ06R08W

#### MAINTENANCE RELEASE

The aircraft and/or component identified above was repaired and inspected in accordance with current Federal Aviation Regulations and was found airworthy for return to service. Pertinent details of the repainare on file at this agency under <a href="Work Order No: 25017">Work Order No: 25017</a> Date: December 19, 2007
Signed CRS# LF1R294K

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Carry	Forward

Registration	No	
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P.O. Box 4942, Baltimore, Maryland 21220

No.

Phone: (410) 574-4144 / Fax: (410) 780-4439

Airframe	Log Entry	Hobbs:	910.6	Registration #:	N62WM
Date:	December 20, 2007	<b>Total Time:</b>	910.6	Make/Model:	PA46-500TP
W/O:	25017	Cycles:	393	S/N:	4697177

 Removed pilots turn coordinator s/n 2309-238 and installed a new coordinator p/n 1394T100-7ZP s/n KO7-12266.

#### MAINTENANCE RELEASE

The aircraft and/or component identified above was repaired and inspected in accordance with current Federal Aviation Regulations and was found airworthy for return to service. Pertinent details of the repair are on file at this agency under <a href="Work Order No: 25017">Work Order No: 25017</a> Date: December 20, 2007
Signed \*\*Invalidation\*\* Signed \*\*Invalidatio

CRS#LF1R294K

Aircraft Time Recorder
This Date Total Reading Maintenance

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Airframe Log Entry Hobbs: 911.4 Registration #: N62WM Date: **January 7, 2008 Total Time:** 911.4 Make/Model: PA-46-500TP W/O: 25225 Cycles: S/N: 4697177

The Altimeter(s) Static and Altitude Reporting Systems test as required by FAR 91.411 in

accordance with FAR 43 Appendix E have been performed. Altimeters tested:

L/H Model: 37002-01-01

S/N: M012483

Tested To: 30,000 Ft.

R/H Model: 37002-01-01

S/N: M011928

Tested To: 30,000 Ft.

Standby model: 16450-1147

S/N: 170401

Tested To: 30,000 Ft.

The ATC transponder tests and inspections as required by FAR 91.413, in accordance with FAR

43, Appendix F have been performed.

Transponders tested:

#1 Model: GTX 330

S/N: 84108771

#2 Model: GTX 330

S/N: 84108797

MAINTENANCE RELEASE

The aircraft and/or component identified above was repaired and inspected in accordance with current Federal Aviation Regulations and was found airworthy for return to service. Pertinent details of the repair are on file at this agency under **Work Order No: 25225 Date: January 7, 2008** 

Signed / Classification

for Skytech, Inc., P.O. Box 4942, Baltimore, MD 21220.

**CRS# LF1R294K** 

Registration	No
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Airframe Log Entry		Hobbs:	919.3	Registration #:	N62WM
Date:	January 18, 2008	Total Time:	919.3	Make/Model:	PA46-500TP
W/O:	25240	Cycles:		S/N:	4697177

- Removed R/H wheel fairing found inboard fuel panel leaking, drained fuel, resealed panel with PRC 1428-B1/2, Leak checked satisfactory, reinstalled wheel fairing.
- Removed XM receiver p/n: 4092743-902, s/n: 32472628. Installed new receiver p/n: 4092743-902, s/n: 32342148. XM Receiver ID# PT69M08T. Ops check satisfactory.
- Removed VOLT/AMP-RUDDER TRIM indicator p/n: 602-292, s/n: 015 for repair. Installed a loaner unit p/n 602-292, s/n 007 ops checked satisfactory.
- Performed ADHARS calibration of #1 and #2 systems IAW: PA-46-500TP MM 34-20-00.

#### MAINTENANCE RELEASE

The aircraft and/or component identified above was repaired and inspected in accordance with current Federal Aviation Regulations and was found airworthy for return to service. Pertinent details of the repair are on file at this agency under <a href="Work Order No: 25240">Work Order No: 25240</a> Date: January 18, 2008
Signed WWW 2 1000 For Skytech, Inc., P.O. Box 4942, Baltimore, MD 21220.

CRS#LF1R294K



P.O. Box 4942, Baltimore, Maryland 21220

Phone: (410) 574-4144 / Fax: (410) 780-4439

Airframe Log Entry		Hobbs:	931.1	Registration #:	N62WM
Date:	January 29, 2008	<b>Total Time:</b>	931.1	Make/Model:	PA46-500TP
W/O:	25249	Cycles:		S/N:	4697177

Removed prop heat timer p/n: 691-234 (Rev -none) and found scorched load lead.
 Replaced terminal on lead and prop heat timer p/n 691-234 RBLD (Rev A). Ops check satisfactory. (New Piper Aircraft Inc. Cert# PC206, WO# 46571 C3183 01914)

#### MAINTENANCE RELEASE

v Forward

The aircraft and/or component identified above was repaired and inspected in accordance with current Federal Aviation Regulations and was found airworthy for return to service. Pertinent details of the repair are on file at this agency under <a href="Work Order No: 25249">Work Order No: 25249</a> Date: January 25, 2008

Signed \*\* LUMM\*\* - For Skytech, Inc., P.O. Box 4942, Baltimore, MD 21220.

CRS# LF1R294K

Registration	No	 	
Registration	No		_

and Remarks

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580 Airport Road, Rock Hill, SC 29732

No.

Phone: (803) 366-5108 / Fax: (803) 366-5230

N62WM Registration #: 976.5 Hobbs: PA-46-500TP Make/Model: Airframe Log Entry 976.5 **Total Time:** N4697177 N62WM S/N: Date: Cycles: 63347 W/O:

Removed volt/amp- rudder trim meter P/N 602-293 S/N 007 and installed P/N 602-293 S/N 015 (Rebuilt by Moritz Aerospace Inc). Ops checked indicator. NDN.

# MAINTENANCE RELEASE

The aircraft and/or component identified above was repaired and inspected in accordance with current Federal Aviation Regulations and was found airworthy for return to service. Pertinent details of the repair are on file at this agency under Work Order No: 63347 Date: March 17, 2008 for Skytech, Inc., PO Box 37507, Rock Hill, SC 29732. Signed

CRS# C41R727N



P.O. Box 4942, Baltimore, Maryland 21220

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Phone: (410) 574-4144 / Fax: (410) 780-4439

N62WM 1063.0 Registration #: Hobbs: Airframe Log Entry PA-46-500TP Make/Model: **Total Time:** 1063.0 July 15, 2008 Date: S/N: 4697177 W/O: 25487 Cycles:

- Removed Mass flow controller s/n 309 and installed a repaired flow controller p/n 1300360-13 s/n 344. Unit repaired by Enviro Systems Seminole, OK 74868 w/0 W50859 cert. BD2R712K. All work done per the Piper PA-46-500TP Malibu/Meridian MM chapter 91-20-30. OPS checked good.
- Preformed brake bleeding on both the L/H and R/H brakes per the Piper PA-46-500TP Malibu/Meridian MM chapter 32-40-00.
- Serviced the air conditioning system per the Piper PA-46-500TP Malibu/Meridian MM chapter 21-50-00.

#### MAINTENANCE RELEASE

The aircraft and/or component identified above was repaired and inspected in accordance with current Federal Aviation Regulations and was found airworthy for return to service. Pertinent details of the repair are on file at this agency under <a href="Work Order No: 25487">Work Order No: 25487</a> Date: July 15, 2008

Signed

for Skytech, Inc., P.O. Box 4942, Baltimore, MD 21220.

CRS# LF1R294K

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Registration	No.	•
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P.O. Box 4942, Baltimore, Maryland 21220

Phone: (410) 574-4144 / Fax: (410) 780-4439

10676

 Airframe Log Entry
 Hobbs:
 25550 Registration #:
 N62WM

 Date:
 July 24, 2008
 Total Time:
 ------ Make/Model:
 PA-46-500TP

 W/O:
 25550
 Cycles:
 ------ S/N:
 4697177

 Removed and replaced three wheel fairing nut plates p/n NAS1474A08 in the L/H header tank. Also in the L/H header tank removed and replaced a leaking rivet p/n AN426-4. All work done per the Piper PA-46-500TP Malibu/Meridian MM chapter 28-10-00.

#### MAINTENANCE RELEASE

The aircraft and/or component identified above was repaired and inspected in accordance with current Federal Aviation Regulations and was found airworthy for return to service. Pertinent details of the repair are on file at this agency under <a href="Work Order No: 25550">Work Order No: 25550</a> Date: July 24, 2008
Signed

ORS# LF1R294K

07-10-2008 Hobbs: 1057.0

N62WM

Jacked aircraft and replaced right main gear tire and tube with new Goodyear Flight Custom III 8-ply tire and new Goodyear tube. Dynamically balanced wheel assembly and serviced wheel bearings.

Paul A. Brevard

212668035IA

Spruce Creek Air Service 2 Beech Blvd Port Orange, FL 32128 386-322-0701

Date	Sussex Aero Maintenance, Inc 21791 Aviation Ave	(302) 856-7059 Phone (302) 856-4345 Fax	Maintenance
	Georgetown, DE 19947  N G⊇ WM Aircraft type: PA 4	Date: 7-19-07	£ -
	REPLACED NOSE T Michelin 500X58P		
	Wheel brown TACE		
· · · · · · · · · · · · · · · · · · ·	Sussex Aero Maintenance, Inc	(302) 856-7059 Phone	)
	21791 Aviation Ave Georgetown, DE 19947	(302) 856-4345 Fax Date: 9-12-08	
	N G2WM Aircraft type: PA-C		
	1/2 Placed de FreTius P/N ES 4019-1, 3/NO S/N ON I 071696. 102 1+ 2 P/c COMP 12330	PFD 110313 REPI. ACT. Drive	
Total To Carry Forw	Ruw uP + OPS Chack		

Registration	No.	
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P.O. Box 4942, Baltimore, Maryland 21220

Phone: (410) 574-4144 / Fax: (410) 780-4439

ry	Hobbs:	1154.7	Registration #:	N62WM
The state of the s	Total Time:	1154.7	Make/Model:	PA-46-500TP
•			S/N:	4697177
	nber 18, 2008 25532	nber 18, 2008 Total Time:	nber 18, 2008 Total Time: 1154.7	nber 18, 2008 Total Time: 1154.7 Make/Model:

#### Performed an ANNUAL Inspection:

- Performed an annual inspection of the aircraft per the Piper PA-46-500TP Malibu Meridian MM chapter 05-20-00 Events #1 and #2. This aircraft is deemed airworthy at this time.
- Inspected the ELT per FAR 91.207(d). Battery expiration date is April 2010.

### Complied with the following Special Inspections per Chapter 05-30-00:

- Performed a 1 year EPU capacity check per the L3 Communications Service Letter SL-120 Rev. D dated May 3, 2006 and the Piper PA-46-500TP Malibu/Meridian MM chapter 34-20-00.
- Performed a 1 year pilot oxygen mask inspection per the Piper PA-46-500TP Malibu Meridian MM chapter 35-10-00.
- Performed a 1 year/500 hour ground pressurization test per the Piper Meridian MM chapter 21-30-00.
- Performed a 30 day battery compartment inspection per the Piper PA-46-500TP Malibu/Meridian MM chapter 12-10-00.
- Performed a 30 day EPU condition inspection per the Piper PA-46-500TP Malibu/Meridian MM chapter 5-30-00.



Carry Forward

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- Performed a 30 day fire extinguisher check per Piper PA-46-500TP Malibu/Meridian M/M chapter 26-20-00.
- Performed a 90 Day brake fluid reservoir inspection per the Piper PA-46-500TP Malibu/Meridian MM chapter 05-30-00.
- Performed a 90 day hydraulic reservoir inspection per the Piper PA-46-500TP Malibu/Meridian MM chapter 05-30-00.
- Performed a 90 Day/200 hour battery capacity check per the Piper PA-46-500TP Malibu/Meridian MM chapter 24-30-00.
- Performed 50 hour pilot side window inspection IAW Piper PA46-500TP MM chapter 05-30-00.
- Performed a 50 hour propeller heat inspection per the Piper PA-46-500TP Malibu/Meridian MM chapter 30-60-00.
- Performed a 500 hour gear warning horn check per the Piper PA-46-500TP Malibu/Meridian MM chapter 5-30-00.
- Performed a 300 hour fixed oxygen cylinder inspection per the Piper PA-46-500TP Malibu/Meridian MM chapter 35-10-00.
- Performed a 2 Year/400 hour Fuel purge system inspection/cleaning per the Piper PA-46-500TP Malibu/Meridian MM chapter 71-70-00.



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- Performed a 2 year/500 hour wing fuel strainers inspection per the Piper PA-46-500TP Malibu/Meridian MM chapter 5-30-00. Removed panels as needed and removed old sealant residue. Re-installed panels wet with PR1428 Band new screws. No defects were noted.
- Performed a 500 hour MLG actuator upper bolt special inspection per the Piper PA-46-500TP Malibu/Meridian MM chapter 32-10-00.

### Complied with the following Airworthiness Directives (AD's):

AD notes checked to bi-weekly 2008-25. See AD log dated December 18, 2008

### Complied with the following Service Bulletins (SB's):

- Performed Piper mandatory SB 1175 Pilot's side window inspection per the Instructions section Part 1. No cracks noted at this time. SB due again at Actt: (1204.7). SB dated December 13, 2006
- Performed SB 1190A Aileron Quadrant Inspection by inspecting the clearance between the cable guard and the aileron quadrant located on the aft side of the forward pressure bulkhead per instructions 1 thru 6.
- Performed Piper mandatory SB 1192 Stall Warning Heat Control Modification by installing kit p/n 88452-002.
- Performed Piper mandatory SB 1195 Comm 1 and Comm 2 Antenna and Skin Inspection.
   Removed lower comm antenna s/n 3080682. Installed a serviceable lower comm antenna p/n CI 139 s/n 3080684 with spacer p/n 106774-002 and new hardware. Installed new

No.



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hardware in the upper comm antenna. No cracks noted at either antenna location.. Next inspection due ACTT 1254.7 or next annual.

## Completed the following additional items:

Carry Forward

- Installed a tested (Parker Hannifin CRS#QPWR872L W/O# MRO46463) parking brake valve p/n 491-978REP. Bled brake system.
- Serviced the oxygen system per the Piper PA-46-500TP Malibu/Meridian MM chapter 35-10-00.
- Installed a new landing light lens p/n LSM-500-335-11.
- Installed new .032 safety wire on left and right hand center wing aileron pulleys.
- Installed a new left hand fuel cap lanyard p/n 472-059.
- Installed new cherry rivets p/n CR3242-4-04 in left hand forward wing root fairing as needed.
- Installed new cherry rivet p/n CR3242-4-03 in Left hand aft wing root inspection bay inspection plate hold down.
- Removed Good Year Flight Custom III 6.00-6 tire s/n 61170510 and installed new Good Year Flight Custom III 6.00-6 8 ply tire s/n 80650438 and new tube on left main wheel. Work done IAW the Piper PA-46-500TP Malibu Meridian MM chapter 32-40-00.
- Installed new hydraulic lines p/n 565-905 one on LH and one on RH MLG actuators. Work done IAW the Piper PA-46-500TP Malibu Meridian MM chapter 29-10-00.
- Installed new bolts p/n NAS1104-25D in both pilot and co-pilot seats for the recline function.

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- Rigged elevator control system per the Piper PA-46-500TP Meridian MM chapter 27-30-00. Safetied elevator cable turnbuckles with 4 ea. MS21256-1 clips. Utilized cable tensiometer s/n SKY0011.
- Installed new bearings p/n 08125 and races p/n 08231on NLG wheel. Work done IAW the Piper PA-46-500TP Malibu Meridian MM chapter 32-40-00.
- Rigged the flap control system per the Piper PA-46-500TP Malibu Meridian MM chapter 27-50-00.
- Rigged elevator trim control system per the Piper PA-46-500TP Meridian MM chapter 27-30-00. Safetied elevator trim cable turnbuckles with 4 ea. MS21256-1 clips. Utilized cable tensiometer s/n SKY0077.
- Rigged aileron control system per the Piper PA-46-500TP Meridian MM chapter 27-10-00. Safetied aileron cable turnbuckles with 6 ea. MS21256-1 clips. Utilized cable tensiometer s/n SKY0011.
- Installed a new static wick p/n 456-872 on the right hand side of the elevator.
- Installed new LH MLG upper torque link bushings p/n 452-857 and upper torque link bolt p/n 691-315. Work done IAW the Piper PA-46-500TP Malibu/Meridian MM chapter 32-10-00.
- Installed P.M. Research, Inc. Radome Erosion Shield per kit instructions dated 5-19-05.
   P.M. Research Invoice No. 447455, PO# 030857, Date of Manufacture 10-22-08, Hub # 695622.

I certify that this AIRCRAFT has been inspected in accordance with an ANNUAL inspection and was determined to be in airworthy condition.

## **MAINTENANCE RELEASE**

The aircraft and/or component identified above was repaired and inspected in accordance with current Federal Aviation Regulations and was found airworthy for return to service. Pertinent details of the repair are on file at this agency under **Work Order No: 25532 Date: December 18, 2008**Signed for Skytech, Inc., P.O. Box 4942, Baltimore, MD 21220.

CRS# LF1R294K



P.O. Box 4942, Baltimore, Maryland 21220

nc

Phone: (410) 574-4144 / Fax: (410) 780-4439

N62WM Registration #: Hobbs: 1189.3 Airframe Log Entry PA-46-500TP Make/Model: **Total Time:** 1189.3 **January 30, 2009** Date: 4697177 S/N: W/O: 25883 Cycles:

Performed Piper SL 1104 flow sensor assembly, mass flow controller & ESC crossover tube assembly replacement. Installed kit p/n 686-218-C ESC crossover tube. Removed mass flow controller s/n 344. Installed an overhauled (Enviro systems inc. CRS#BD2R712K W/O# W62820) p/n 686-223OVH s/n 272. Removed mass flow sensor and probe s/n 310. Installed an overhauled (Enviro Systems Inc. CRS#BD2R712K W/O# W63326) flow sensor and probe p/n 686-218OVH s/n 278. Removed flow control valve 326. Installed a serviceable flow control valve p/n 592-640 s/n 381.

#### MAINTENANCE RELEASE

The aircraft and/or component identified above was repaired and inspected in accordance with current Federal Aviation Regulations and was found airworthy for return to service. Pertinent details of the repair are on file at this agency under <a href="Work Order No: 25883">Work Order No: 25883</a> Date: January 30, 2009

Signed

for Skytech, Inc., P.O. Box 4942, Baltimore, MD 21220.

CRS# LF1R294K

Carry Forward

Registration	No.	
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P.O. Box 4942, Baltimore, Maryland 21220

Phone: (410) 574-4144 / Fax: (410) 780-4439

Airframe L	og Entry	Hobbs:	1196.1	Registration #:	N62WM
Date:	February 12, 2009	<b>Total Time:</b>	1196.1	Make/Model:	PA46-500TP
W/O:	25899	Cycles:		S/N:	4697177
W/O.			· · · · · · · · · · · · · · · · · · ·		

Sealed LH integral fuel tank forward of wing spar at WS 107.5 and aft of wing spar at WS 116 with PR1422-B-2 sealant IAW Piper PA 46-500TP MM Chapter 28-00-00.

MAINTENANCE RELEASE

The aircraft and/or component identified above was repaired and inspected in accordance with current Federal Aviation Regulations and was found airworthy for return to service. Pertinent details of the repair are on file at this agency under <a href="Work Order No: 25899">Work Order No: 25899</a> Date: February 12, 2009

Signed

for Skytech, Inc., P.O. Box 4942, Baltimore, MD 21220.

CRS# LF1R294K



P.O. Box 4942, Baltimore, Maryland 21220

Phone: (410) 574-4144 / Fax: (410) 780-4439

Airframe	Log Entry	Hobbs:	1222.1	Registration #:	N62WM
Date:	April 1, 2009	<b>Total Time:</b>	1222.1	Make/Model:	PA-46-500TP
W/O:	25943	Cycles:		S/N:	4697177

- Adjusted hose clamp on L/H wing outboard to middle fuel transfer hose p/n 84013-142. Resealed the L/H inboard edge of the outboard tank in the area of the spar. Re-sealed the L/H outboard to middle tank transfer line at the middle tank. All work done per Piper PA-46-500TP mm chapter 28-10-00. No leaks noted at this time.
- Replaced prop heat timer p/n: 691-234, Rev A. Ops check satisfactory IAW PA-46-500TP MM 30-60-00.
- Performed Piper Mandatory SB 1193 Nose Gear Downspring replacement dated March 3, 2009. Replaced the NLG down spring with a new spring p/n 687-931.

#### MAINTENANCE RELEASE

rward

The aircraft and/or component identified above was repaired and inspected in accordance with current Federal Aviation Regulations and was found airworthy for return to service. Pertinent details of the repair are on file at this agency under <a href="Work Order No: 25943">Work Order No: 25943</a> Date: April 1, 2009

Signed

Signed

CRS# LF1R294K

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No.

Phone: (410) 574-4144 / Fax: (410) 780-4439

N62WM Registration #: Hobbs: 1252.4 Airframe Log Entry PA-46-500TP Make/Model: May 20, 2009 **Total Time:** 1252.4 Date: 4697177 S/N: 26068 Cycles: 544 W/O:

- Installed and torqued fuel system drain fitting and safetied with .032 inch lockwire. Leak check satisfactory.
- Installed new LH brake linings p/n 066-06200 IAW Piper PA46-500TP MM chapter 32-40-00.
- Performed AD 2008-26-11 Prevent Ice From Forming On Stall Vane by previous compliance with Piper mandatory SB 1192 per paragraph (e) of the AD. Stall heat modification kit p/n 88452-002 installed on 12/18/08 at ACTT 1154.7. No further compliance needed. Effective date of the AD is January 28, 2009.
- Performed Piper mandatory SB 1202 Beta/Reverse Lockout Lever Inspection functional checking lockout lever per Part 1 and POH section 4.21 and inspecting pivot point hardware for condition and security per Part 2 instructions 1 thru 6. No further compliance needed. Effective date of the SB is March 18, 2009.

#### **MAINTENANCE RELEASE**

The aircraft and/or component identified above was repaired and inspected in accordance with current Federal Aviation Regulations and was found airworthy for return to service. Pertinent details of the repair are on file at this agency under <a href="Work Order No: 26068">Work Order No: 26068</a> Date: May 20, 2009

Signed

CRS# LF1R294K

Date	Aircraf	Time	Recorder	***
Date	This Date	Total	Reading	Maintenance
	Brought Forward			



Royal Aircraft Services, LLC /
DBA JRA Executive Air
18335 Airpark Rd.
Hagerstown, MD 21742
301-791-3642 - FAX: 301-791-7368
CRS JZRR651K

Date 8-5-09 N 62WM

Tach

PA 46-500TP

SN4697177

Changed the registration number on this aircraft from N62WM to N621N this date.

The aircraft/engine identified above was inspected in accordance with the current regulations of the FAA and is approved for return to service. Pertinent details of the maintenance are on file with this repair station under work order # 0907086.

Bernard Hanlon for Royal Aircraft Services, LLC/JRA Executive Air

Shoreline Aviation, Inc. 93 Old Colony Lane Marshfield, MA 02050 781-837-8521

N#: N621N Date: 08-17-2009 Hobbs: 1261.7		Signature	Certificate No.
Installed a new RG-41 aircraft batery (Piper part # 601-910), serial # 40316510. Capacity check completed prior to installation and the battery met new standards.			
Colward Alloval J			<u> </u>
Edward J. Novak Jr. A+P 28320241A			
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	$\dagger$		

WO # 3474

**GROTON, CT 06340 GROTON NEW LONDON AIRPORT** 145 TOWER AVENUE

446-8621 Fax: 860-446	<b>)-</b> 0328
440-0	0021 Fax. 000-440

Registration #	Acft. Make / Model	Serial #	AFTT	Hour Meter
N621N	PA46-500TP	4697177	The land of the second of the	1366.2 hrs.

Removed and reinstalled the # 1 Garmin GNS 530, s/n 78409887 for modification to meet the requirements of GNS400/500W Series WAAS Upgrade Procedure, p/n 005-00221-72. The new m/n for this unit is GNS 530W and the new p/n is 011-01064-40. The Main Software was upgraded to version 3.30 in accordance with Garmin S.S.B. 0918, and the GPS Software to version 3.2 in accordance with Garmin S.S.B. 0848.

Removed and reinstalled the # 2 Garmin GNS 430, s/n 78409378 for modification to meet the requirements of GNS400/500W Series WAAS Upgrade Procedure, p/n 005-00221-72. The new m/n for this unit is GNS 430W and the new p/n is 011-01060-45. The Main Software was upgraded to version 3.30 in accordance with Garmin S.S.B. 0918, and the GPS Software to version 3.2 in accordance with Garmin S.S.B. 0848.

Removed the Garmin GA 56 antennas, p/n 011-00134-00 and installed new GA 35 GPS/WAAS antennas p/n

013-00235-00, s/n's 54727 and 54726.

Removed and reinstalled the Pilot's and Co-pilot's Nav. Display Units, p/n 84-133-1, s/n 0346-010 and s/n 0345-005, for modification to meet the requirements of S-Tec SB 08-005R2, dated 10/03/08. The modifications were completed by S-TEC, CRS # FF2R818K, under WO No's 64289 and 64290. The new p/n for this unit is 84-134-6. Reconfigured strapping of Pilot's and Co-pilot's Nav. Display Units per Meggitt Magic ND Installation and Operating Instructions p/n 84-134-X-1033, Rev P, Dated December 2004 and S-TEC 8110-3, dated 12/21/2009.

Removed and reinstalled S-Tec autopilot programmer/computer p/n 01298-01-01-001, s/n 0348-262, for modification to meet the requirements of S-Tec Service Bulletin SB 08-005R2, dated 10/03/08. The new part number for this unit is 01304-01-01-001. Confirmed AFMS supplement 11 dated Aug 8, 2008 is in P.O.H.

See FAA Form 337 this date for details.

Completed an Avionics Post Installation Operational Check. No discrepancies found.

THE ARTICLES IDENTIFIED ABOVE WERE REPAIRED AND INSPECTED IN ACCORDANCE WITH CURRENT REGULATIONS OF THE FEDERAL AVIATION ADMINISTRATION AND ARE APPROVED FOR RETURN TO PERTINENT DETAILS OF THE REPAIR ARE AT THIS REPAIR STATION UNDER WORK ORDER NO. 3474, SERVICE.

DATED 1/06/2010.

SIGNED

John R. Shields

and Remarks		Signature	Certificate No
	Shoreline Aviation, In 93 Old Colony Lane Marshfield, MA 0205 781-837-8521  N#: N621N Ser. #: 4697177  Date: 01-07-2010 Hobbs: 1366.2 ACTT: 136  Completed Annual insp. per FAR 43, App D us Events 1 & 2 from chapt. 5 of the MM as a guid to the stand-by gyro. batt. pack satisfactorily. C 400 hr., 600 hr. (eng. fuel filters) 30 day, 90 day special insps. 5 yr. O2 bottle hydostatic test coreinstalled and filled to 1500 psi. Completed 50 insp installed 4 new brushes in the str/gen. C fuselage special insp. Completed 5 yr. steel fitt two new 102846-002 elev. trim rods were install corrosion of the removed units. Completed 5 yr check and found the cabin leak rate was well be allowable. Removed existing Artex 110-4 ELT servicable unit (serial # 64562). C/W FAR 91.2 found no defects - ELT battery due date is 04/1 by insp. & noted no cracks at the pilot's vent will	Eng TT: 1366.2  ing Piper forms for de. Completed 1 yr. test W Piper 50 hr., 200 hr., y, 6 month and 12 month ompleted - bottle hr. str./gen. brush completed 2000 hr./7yr. tings insp. and coating - lled due to internal r. cabin pressuriztion elow the maximum and installed a 207(d) on the ELT and 0. C/W Piper SB 1175A	

Registration No

and Remai

474 -4

Total To

Carry Forward

	Aircra	ft Time	Recorder	Maintenance	and Rem
Date	This Date	Total	Reading		
SB 1195A to both commoreinsp. due in 200 hrs. Bose headset jacks for jacks - power is supplied breaker in the co-pilot's GMA340 audio panel ar PMA8000B - added wire jacks so that they are not ADAHRS part # 37002-date for details - headin an Iridium S67-1575-10 230.00 per Mynah Aircr /24/09 - see form 337 the from this antenna along area behind the pilot's secured for use at a late /n 170401) after repairs attached for details. R+-17487) after repairs at R+R radome (p/n 4848)	Installed a new CA the two crew seats of from a newly inst circuit breaker pare nd installed a direct es from the audio pow stereo jacks. In 01-02, s/n M01194 g calibration comp 9 SATCOM antendant aft Structures Co. his date for details the overhead and heat - this end of the er date. R+R stby to the internal light- R autopilot roll seasons.	A3044 beta block. It below the existing talled 7277-2-1 1 anel. Removed the treplacement PS canel to the two constalled a repaired 45 - see EASA Folleted satisfactorily and on the cabin red DER Report # 18 - routed RG142 cold down the LH side the coax. Is coiled to altimeter (p/n 164 atting - see 8130-3 rvo (p/n 0106-8-R hed 8130-3 form)	Added two ag mic/phone amp circuit e existing Engineering rew phone d #1 orm 1 this y. Installed of at sta. 30 dated 12 oax. cable ewall to the up and 150-1147, s form 12, s/n 0346 for details.	see 337 this date and 8130-3 form for details. R+R Radar -01519-0101, s/n 8053) after repairs at Duncan Aviation - form attached for details. Removed existing LoPresti NLG components installed 03/26/04 and replaced them with new LoPresti BoomBeam components per STC SA02279AT - sthis date for details. Replaced the existing N62WM N# plapilot's panel with a new N# placard reading N621N. Install 89630-004 fwd. lower cabin door cable. Installed one new for the seatback hinge point on both crew seats. Calibrate quantity indication system. Reset flap rigging per the main Adjusted aileron cable tensions and resaftied the turnbuck aileron otbd. static wick base. R+R RH light bulb in the rus witch. R+R loose rivets as needed on both wing root fair Retorqued all six of the horiz, stab, attach bolts per the MN 28 volt power outlets at the co-pilot's panel (single outlet), cabinet behind the co-pilot's seat (dual outlet) and on the the main wing spar cover behind the pilot's seat (triple out 7277-2-15 circuit breaker to the co-pilot's C.B panel, route secured 18 gage power and ground wires to each of these certify that this airframe has been inspected in accordance.	BoomBeam w style see form 337 acard on the led a new v AN4-17 bolt ed the RH fuel int. manual. kles. R+R LH idder trim rings. M. Installed the pyramid front face of elet), added a ed and e outlets. I

Registration No		147	1
emarks	Signa	ture	Certific, No.
Annual insp. and was determined to be in airworthy condition.		t	
			8
	95 = 25 =		
Edward J. Novak Jr. A+P 2832024 P			

PS-17 F	assed Inspection	n / Certificate of Conform	nity 🚬 🖠
Model	Serial Number	Part Number	Lot
PMA 8000B	W04536	050-890-0202	84
Inspected by:		N621N-1/1/10 H0665 1366.2	

The article identified above was manufactured and passed inspection in conformity with the PS Engineering Quality Management System, and is in condition for safe operation.

All applicable tests have been performed. These test results are on file and are available on request.

Randy Beavers, Greg Ledbetter, or Mark Hartsell
Quality Control Inspector PS-17

002-000-0171 Revision 2 July 2006

Approving National Aviation 2. Authority/Country FAA/UNITED STATES	AUTHORIZED RE FAA Form 8130-3, AIRV	LEASE CERT	IFICATE VAL TAG	MACO I	001001001
Organization Name and Address:		200		5. Work Order/Contract UK34A	/Invoice Number:
Item: 7. Description:	irport/Lincoln, NE 68524	JGVR194F	10. Quan		12_Status/Work:
ANT/RCVR/XMTR	8. Part Number: 071-01519-0101	N/A	1	8053	REPAIRED
Remarks: Sustomer: SHORELINE A	VIATION		7	N621	N
	d a bird strike. Evaluate a	and advise.		11,7/	1766,2
	ch tested unit and found th		m cover ber	nt and the ground s	Spring worn out
	eed defective components	Subjected unit to en	vironmental	variables. Unit fun	iction tested pe
ENDIX ART 2000 Color 6/29/2002.	Weather Radar Antenna/F	Receiver/Transmitter	Maintenance	e Manual, Revision	3, dated
uncan Aviation certifies t art 145 approval, and wit ASA approval number 14	hat the work specified in I h respect to that work, the 15.4392.	Blocks 12 and 13 was aircraft component is	performed l s considered	.A.W. EASA Imple I ready for release	ementation Rul to service und
II EASA/FAA Airworthine	ss Directives are the resp	onsibility of the install	er.		
lo current U.S. Airworthir					
			K. II.		
Гесhnician: JAMES M. V	AMOSI				\$1
This document constitutes	s a signed copy of the wor	k order			
Approval for return to sen	vice			)	
See attached parts list			- win	An.	
					Ť
W.					
Certifies the items identified above were     Approved design data and a	manufactured in confirmity to: re in a condition for safe operation	19. 14 CFR 43.9 R	eturn to Service	Other regulations s	specified in Block 1
Non-approved design data s		12 and described in I	Block 13 was acululations, part 4:	fied in Block 13, the work complished in accordar 3 and in respect to that	noo with Title 44
5. Authorized Signature:	16. Approval Authorization No.:	approved for return to	DUNG	CAN 21. Approval/Certificate	11100
7. Name (Type or Printed):	18. Date (m/d/y);	22. Name (Type or Printed):	QI 12	416 JGVR194F 23. Date (m/d/y):	
The state of the s	User/inst	JIM WEVERKA		Dec 15, 2009	
	nce of this document alone does not automa	atically constitute authority to in tall	the part/component/	assembly.	MARKET VI
Is important to understand that the exister		S. BERTHARD SERVICE ASSESSED		· Programme of the control of the co	
is important to understand that the exister where the user/installer performs work in a nat the user/installer ensures that his/her a	ccordance with the national regulations of a	n airworthiness authority different th	nan the airworthiness	authority of the country specifi	ed in Block 1, it is esser
rhere the user/installer performs work in a lat the user/installer ensures that his/her a	ccordance with the national regulations of a irworthiness authority accepts parts/compore stitute installations certification. In all cases, aircraft may be flown.	n airworthiness authority different th	nan the airworthiness	authority of the country specifi	ed in Block 1, it is esse

NSN-0052-00-012-9005

The state of				3. Form Tracking Number: UK34A0001001001
	Part Number 047-09968-0001 A 047-10880-0001 071-01549-0100 120-03174-0014	Parts List Part Description BOTTOM COVER SPRING CLIP RCR VERT ANTENNAE OP AMP BI GET SO	Serial Number	Quantity  1 1 1 2

Auth	ng National Aviation hority/Country:	AUTHOR	RIZED RELEASE CE		3. Form Tracking Number:  SG 123009
4. Organiza	ation Name and Address:	177			5. Work Order/Contract/Invoice Number:
335 Rav	nt-Gobain Performance N. Diamond St. enna, Ohio 44266 330-296-9948 Fax: 330	8	FAA Repair Station No. OA1R36	7K	Customer Order No: 05248 Saint-Gobain Order No: RV090658
6. Item	7. Description	8. Part Number	9. Eligibility *	10. Quantity 11. Serial/Ba	atch Number 12. Status/Work
1	Radome	4848X-2	N/A	1 707	Overhauled N 62 1 N 1/7/10 Hobbs 13662
13. Rema	arks:		•		Habbs 1300,2
Repair	Order Number: RV0906	58			17600
		R FAA APPROVED DATA:	ATTACHED DAMAGE REPORT AND AD-4848X-2, AND PS-200.	THE AIR PART ON OVERTIAGE D	, , , , , , , , , , , , , , , , , , ,
Ce		bove were manufactured in containing are in a condition for safe open a specified in Block 13.		Certifies that unless otherwise speci and described in Block 1 was acco	fied in Block 13, the work identified in Block 12 mplished in accordance with Title 14, Code of respect to that work, the items are approved for
15. Autho	orized Signature:	$\sim$	16. Approval/Authorization No.:	20. Authorized Signature:	21. Approval/Certificate No.:
				Muchelle C. Bolon	OA1R367K
17. Name (	Typed or Printed)		18. Date (m/d/y):	22. Name (Typed or Printed)	23. Date (m/d/y):
/				Michelle L. Bodnar	Pee 30, 2009
			User/Installer Respon	nsibilities	- or at
ere the user/ ck 1, it is ess	/installer performs work in acco	rdance with the national regulations sures that his/her airworthiness auth	utomatically constitute authority to install the positions of an airworthiness authority different than the hority accepts parts/components/assemblies for the components of t	e airworthiness authority of the country specifie	ed in pecified in Block 1.

# SAINT-GOBAIN PERFORMANCE PLASTICS

# 335 North Diamond St. Ravenna, Ohio 44266 FAA Repair Station No. OA1R367K

# Damage Report Repair Plan

Saint-Gobain Order #:

RV090658

Part No: 4848X-2 Serial No.: 707

S-G Repair P/N: 4848RS5-P04CP-D0

**Customer: SHORELINE AVIATION** 

DAMAGE R	<b>EPORT:</b> Insp by: WAB 12/7/2009	REPAIR PLAN  Previous Repair Order No.:
Repair Inspec	tion No Repair Sketch See Repair Sketch	WORK TYPE:
LAMINATE	QTY Damage Location - Description	Repair - Customer Part
Delaminations	1  □ None  ☑ Nose  □ Small  ☑ Outer Skin  ☑ Middle  □ Medium  ☑ Core  ☑ Aft  ☑ Large  ☑ Inner Skin	LAMINATE: Partial edgeband replacement Full Inner Skin Replacement with cutoff
Moisture	<ul> <li>✓ None</li> <li>✓ Nose</li> <li>Inside Reading:</li> <li>2</li> <li>Min.OvrAll Reading:</li> <li>Max.OvrAll Reading:</li> <li>Aft</li> <li>Anti-Static - Check after strip</li> </ul>	Cutoff  MOISTURE:  Remove with Repair
Static Burns	✓ None	ACCESSORIES: Open attach holes after layup
COMPONEN	TS Condition Damage Description	STRIPPING:
Boot	None ✓ Blister   OK Holes, Burns   ✓ Damage Peeling	Strip Edgeband  COATINGS
Paint, Coating	☐ O	Antistatic Caapcoat - Norton Armor Ship Erosion Boot Loose Sand / Fill / Prime
Diverters	✓ None       Qty:       Type:         ☐ OK       ☐ Burns ☐ Erosion       Continuity Min:       Max:         ☐ Damaged	TRANSMISSION TESTING: Test After Final Paint
Frame Assembly	<ul> <li>✓ No Frame Description:</li> <li>□ OK</li> <li>□ Damage Loose Hardware (Y/N) □ Description:</li> </ul>	
Other Damage or Comments	ATTACH HOLES ARE ENLARGED	SPECIAL REQUIREMENTS:  Customer to apply final topcoat & erosion boot.
RANSMISSIC	NTEST	Approved By Duanson Date DEC 3 0 2
As Received:	87.7 Avg 85.3 Min. andard: RTCA CLASS C IN SERV	Note: Unsigned Copies are REFERENCE only - see signed copy for final record
-001A (4-02)		Cust Req Date: Promise Date:

# SAINT-GOBAIN PERFORMANCE PLASTICS CORPORATION

335 N.Diamond Street, Ravenna, Ohio 44266 FAA Repair Station# OA1R367K

TRANSMISSION TEST REPORT

CUSTOMER

: SHORELINE

PART NO MODEL

: 4848X-2

: PIPER

SERIAL NO. ORDER NUMBER : 707

: RV090658

I. TEST PARAMETERS

**TEST ANTENNA** 

: FLAT PLATE 10 INCH

**TEST FREQUENCY** 

: 9345 MHz

**POLARIZATION** 

: HORIZONTAL

**AZIMUTH** 

: -10 to 10 Deg

COMMENT

: N2 PAINT

II. TEST DATA

TEVE .		1 11 - 2 - 14 - 14 - 14 - 14 - 14 -	1
	Elevation	Average	Minimum
Plot#	Angle	Transmission	Transmission
0	0	90.9%	89.2%

A CONTRACTOR OF THE PARTY OF TH	3/10/1
SUMMARY TEST DAT	A
Minimum Scan Average =	90.9%
Overall Minimum =	89.2%
Ref. Overall Average =	90.9%

This test was performed on the SAINT-GOBAIN Transmission Test Range in accordance with RTCA/DO-213 and ARTC-4

TEST RESULT: RTCA RADOME CLASS:\_

FAILS TEST STANDARD:

class B

ested By COMMENT:

PASSES

NORTON

Page 1

# SAINT-GOBAIN PERFORMANCE PLASTICS CORPORATION

335 N.Diamond Street, Ravenna, Ohio 44266 - FAA Repair Station# OA1R367K

Customer : SHORELINE Model

: PIPER

File Name: RV090658.T000 Comment: N2 PAINT

Operator : WAB : 12/30/09 Date

**Part Number** 

: 4848X-2 **Serial Number** Program Number

: 707 : 4848 Antenna Polarization : HORIZONTAL

: 10 INCH FLAT PLATE

Frequency: 9345 MHz

### **Transmission Efficiency Statistics**

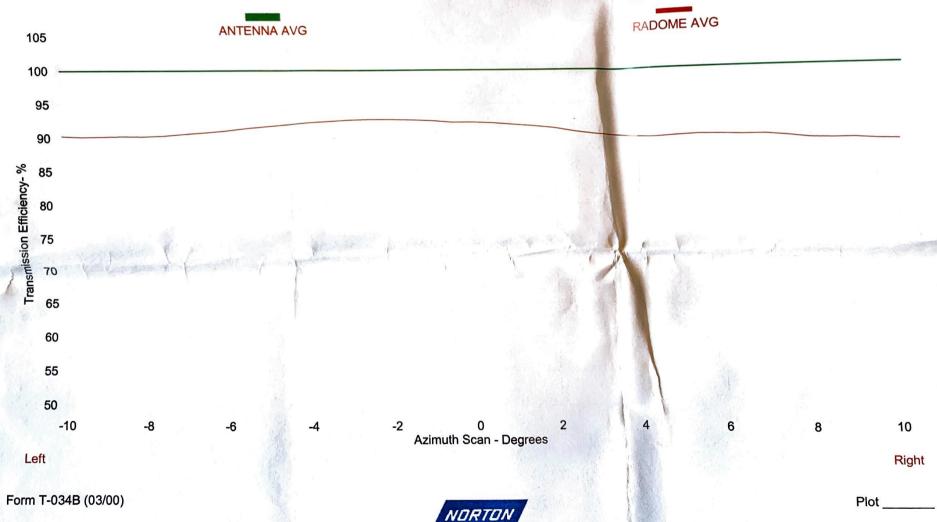
Average:90.9%

Minimum: 89.2%

RMS:90.9%

# RADOME TRANSMISSION EFFICIENCY TEST PLOT

Elevation: 0 deg.



		NITH QUALITY Daky HAMBRISK	Recorder Reading		Maintenance
	S NB 10039	H6400			
	DATE 02/2	22/10 STAMP			
Ŋ		1. 2.	Shoreline Aviation, Ir 93 Old Colony Lane Marshfield, MA 0205 781-837-8521	ic.	
7 7			Ser. #: <b>4697177</b> Hobbs: <b>1444.3</b> ACTT: <b>14</b> 4	Eng TT: 1444.3	_
		601-318 s/n 10039 calipers and repla	175A part II by installing new 9H6400. Replaced o-rings in ced all brake pads p/n RA66 le p/n 102227-007.	n both main brake	
		De De			
·w	ard	John E. Sheenen	A+P 3439269 IA		

#### **AIRFRAME**



WO # 3536

145 TOWER AVENUE GROTON NEW LONDON AIRPORT GROTON, CT 06340

FAA Approved Repair Station # L4AR428X

Phone: 860-446-8621 Fax: 860-446-0329

Registration #	Acft. Make / Model	Serial #	AFTT	Hour Meter
N621N	PA46-500TP	4697177		1375.5 hrs.

Installed new strobe light and r/h taxi light electronic control modules, p/n 10227-007, in accordance with Piper PA-46-500P M.M. Chapters 39-10-00 and 91-33-40. Operational check satisfactory.

THE AIRFRAME IDENTIFIED ABOVE WAS REPAIRED AND INSPECTED IN ACCORDANCE WITH CURRENT REGULATIONS OF THE FEDERAL AVIATION ADMINISTRATION AND IS APPROVED FOR RETURN TO SERVICE. PERTINENT DETAILS OF THE REPAIR ARE AT THIS REPAIR STATION UNDER WORK ORDER NO. 3536, DATED 2/05/2010.

SIGNED

William A. Kluepfel

**AVIONICS** 

WO # 3535

GROTON NEW LONDON AIRPORT GROTON, CT 06340 145 TOWER AVENUE FAA Approved Repair Station # L4AR428X Phone: 860-446-8621 Fax: 860-446-0329

Registration #	Acft. Make / Model	Serial #	AFTT	Hour Meter
N621N	PA46-500TP	4697177		1375.5 hrs.

- Complied with the tests and inspections required by FAR 91.411 and FAR 43 Appendix E, (a), (b), & (c) on the pilot's encoding altimeter, p/n 37002-01-01, s/n M012483
- Complied with the tests and inspections required by FAR 91.411 and FAR 43 Appendix E, (a), (b), & (c) on the pilot's encoding altimeter, p/n 37002-01-01, s/n M011928.
- Complied with the tests and inspections required by FAR 91.411 and FAR 43 Appendix E, (a), (b), & (c) on the standby UI altimeter, p/n 16450-1147, s/n 170401.
- Complied with the tests and inspections required by FAR 91.413 and FAR 43 Appendix F (a), (b), (c), & (d) on the GTX-330 transponder s/n 84108771.
- Complied with the tests and inspections required by FAR 91.413 and FAR 43 Appendix F (a), (b), (c), & (d) on the GTX-330 transponder s/n 84108797.
- All units tested to 30,000 ft.
- 7. Next tests due 2/28/2012.
- Reconfigured both transponders to transmit the correct N number in accordance with I.M. #190-00207-02.

THE ARTICLES IDENTIFIED ABOVE WERE REPAIRED AND INSPECTED IN ACCORDANCE WITH CURRENT REGULATIONS OF THE FEDERAL AVIATION ADMINISTRATION AND ARE APPROVED FOR RETURN TO SERVICE.

PERTINENT DETAILS OF THE REPAIR ARE AT THIS REPAIR STATION UNDER WORK ORDER NO. 3535, DATED 2/03/2010.

SIGNED

Jøhn R. Shields

### Shoreline Aviation, Inc. 93 Old Colony Lane Marshfield, MA 02050 781-837-8521

781-837-8521		
N#: N621N Date: 07-01-2010 Hobbs: 1457.1	Signature	Certificate No.
1) Removed # 2 ADAHRS, part # 37002-01-01, serial # M011928.		
2) Installed an overhauled #2 ADAHRS part #37002-01-02, serial # M012705. Leak check per FAR 91.411 OK. Calibrated heading per MM chapter 34-20-00, para (5)(2)(b) satisfactorily.		
Colward Allow 1		
Edward J. Novak Jr. A+P 2832024 IX		

# Shoreline Aviation, Inc.

Shoreline Aviation, Inc. 93 Old Colony Lane Marshfield, MA 02050

Marshfield, MA 02050 781-837-8521 N#: N621N

Date: 09-17-2010 Hobbs: 1501.1

93 Old Colony Lane

1) Installed an O/H mass flow control vavle part # 1300490-21, serial #

2) Installed a new Michelin Air 5.00x5 8pr nose tire, a new Michelin 092 -308-0 5.00x5 nose inner tube, one new 08125 bearing and one new 08231 bearing race in the RH half of the nose wheel. Repacked wheel

bearings. 3) Installed a new Michelin Air 6.00x6 8pr RH main tire - repacked 4) Installed a new 104652-004 LH rear tinted window insert. bearings.

5) Installed a new nose gear taxi light lens part # LSM-500-335-11. 6). Swapped LH & RH wing tip landing light bulbs for troubleshooting purposes.

Edward J. Novak Jr. A+P 2832034 IA

N#: N621N Ser. #: 4697177 Date: 01-31-2011 Hobbs: 1554.8 ACTT: 1554.8 Completed Annual insp. per FAR 43, App Dusing Piper forms for

Events 1 & 2 from chapt. 5 of the MM as a guide. C/W Piper 50 hr., 200 hr., 300 hr., 600 hr., 30 day, 90 day, 6 month and 12 month special insps. Completed 600 hr. special insp. items - a new 601-809 fuel bowl filter element was installed. C/W FAR 91.207(d) on the ELT and found no defects - installed a new 452-0130 ELT battery - new due date is 01

781-837-8521

/13. C/W Piper SB 1205 by installing PY heatwiring mod. kit 106798 -002. C/W Piper SB 1218 on the rudder skin-no cracks noted - chkd skin/rivet head gaps per bulletin using Pipertool 106884-002 and measured as follows LH upper - .002", RH upper - .005", LH lower -.003", RH lower - .002" - no further action is req'd. C/W Piper SL 1130 (ail. quad. lube). C/W Piper SL 1135 on the control cables & pulleys. Both of these SL's are due ea. 100 hrs. Added new chafe tape to the RH NLG door and to the flaps. Installed a new 102227-007 module for the ice light. Adjusted each MLG up switch downward 1/2 turn.

Total To

160. Function check satisfactory.

Eng TT: 1554.8

Carry Forward

Registration No.

Installed a new AN3115-1 connector at the LH pitot tube. Installed a new Michelin Air 6.00x6 8pr LH main tire. R+R PMA8000B audio panel (050-890-0202, s/n W04536-Y) after mods to the installed software by the mfg - see attached work order for details - Added wires to the PMA8000B for an external cell phone connection per the installation manual - routed wires and connector jack to the pilot's sidewall pocket area. R+R pilot's new display (84, 134, 6 cm; 0346, 040) after a pocket	Certificate No.
manual - routed wires and connector jack to the pilot's sidewall pocket area. R+R pilot's nav. display (84-134-6, s/n: 0346-010) after repairs at S-TEC - see attached 8130-3 for details. Swapped pilot & co-pilot upper screens for troubleshooting purposes - s/n 0345-004 now on pilot's side - s/n 0320 one power or priot's side - s/n 0320 one power or power or priot's s/n 0320 one power or priot's s/n 0320 one power or	
GA35 GPS antenna serial # 55156 in place of the removed unit (s/n: 54726). Removed existing cockpit sun visors and installed Rosen sun visor kit R1291000, s/n M070633 per STC SA01625SE - see 337 this date for details. Retorqued the fwd. horiz. stab. attach bolts. Touched	
up bare spots of paint on the LH horiz. stab. Retorqued and resaftied the NLG actuator attach bolt at the NLG runnion. Installed 3 new BS271P batteries in the standby gyro. power supply - capacity test completed OK. Added one washer under each nut used to attach the fwd vert fin fwd spar to the tail bulkhead and retorged the hardware	
per the MM. R+R two static wicks (otbd. on ea. aileron). R+R the	ali

Rileron roll servo after adjustments by Vero Beach Avionics - see the attached 8130-3 form for details. Retorqued loose hardware attaching the crew seat backs to the seat bottoms. R+R upper LH instrument sanel post light part # 572-615. I certify that this airframe has been inspected in accordance with an Annual insp. and was determined to be a airworthy condition.

Maintenance

Shoreline Aviation, Inc. 93 Old Colony Lane Marshfield, MA 02050 781-837-8521

N#: N621N Ser. #: 4697177 Date: 04-01-2011 Hobbs: 1596.3

1) Installed two new electric fuel pump control modules (left and right) part # 102227-007. Function check OK.

2) R+R stand-by attitude gyro PS834A Emer. Power Supply (part # 501 -1682-01, serial # 1994) after repairs at Aviall (CRS RD42488M) as shown on the attached 8130-3 form.

3) Sanded and repainted the vertical fin lower forward fairing.

4) Installed a new aft cable (part # 89630-005) for the lower cabin door.

Edward J. Novakur. A+P 2832024 IA

Edward J. Novak Jr. A+P 2832024 IA

1 Abanquina National Assistion	2		4	-		3. Form Tracking Number:
1. Approving National Aviation Authority/Country:  FAA/UNITED STATES					TIFICATE TAG	S34542
4. Organization Name and Addre	F/	AA Form 8130-3, AIR	WORTHINES	SAPPROVAL	A TAG	5. Work Order/Contract/ Invoice Number:
ENVIRO SYSTEMS, INC.,	12037 N. HWY. 99	, SEMINOLE, OK. 7	4868			\$34542
6. Item: 7. Descrip	tion:	8. Part Number:	9. Eligibility:*	10. Quantity:	11. Serial/Batch Number:	12. Status/Work:
1 FLOW CONTROL V		1300490-21	N/A		160	OVERHAULED
13. Remarks: Overhauled in accordance wi	,				1621 N 0663 15011	
Enviro Systems, Inc., certifie work, the aircraft component	is considered ready	for release to service u	inder EASA Acce	eccordance with eptance Certific FR 43.9 Return	ate No. EASA. 145.4426.	respect to that
14. Certifies the items identified  Approved design data and Non-approved design data	are in a condition for		Certifies t	hat unless other ibed in Block 13 egulations, part	wise specified in block 13, th was accomplished in accord	e work identified in Block 12
15. Authorized Signature:	16. Appro	oval/Authorization No.:	20. Authoriz	ed Signature:	21	BD2R712K
17. Name (Typed or Printed):	18. Date	(m/d/y):	22. Name (1)	yped or Printed) Eric Lun		3. Date (m/d/y): Sep 16 2010
The second secon	the like the	User/Ins	staller Respons	ibilities		
It is important to understand th	at the existence of this o				to install the part/componen	t/assembly.
Where the user/installer perform	ns work in accordance	with the national regulati	ons of an airworth	iness authority	different than the airworthin	
Statements in Blocks 14 and 19 with the national regulations by				ntenance record	s must contain an installatio	on certification issued in accordance
FAA Form 8130-3 (6-01)	*1:	nstaller must cross-check	eligibility with ap	plicable technica	l data.	NSN: 0052-00-012-900



### PRODUCT REPAIR FORM

Repair Station BD2R712K

Customer Name: PIPER AIRCRAFT INC.

Date Received:

02/17/2010

**Enviro Part No:** 

1300490-21 RTN

Customer Part No: 592-710

Part Description:

FLOW CONTROL VALVE ASSEMBLY

Customer PO #: mro 48228

Reason for Removal: cabin press failed

Mfg Date/Serial No: mfg 10/2008 s/n 606 rec'd 1300490-11 mod

to a 1300490-21 NEW S/N 160 **EXCHANGED S/N 136** 

Work Order No:

W74429

Sales Order No: S32030 1

Visual Condition as Received: VISUAL CONDITION AS RECEIVED: PLATING DAMAGE. RECEIVED AS A - 11

**Teardown Analysis:** TEARDOWN ANALYSIS: MOTOR GEARS ARE STRIPPED, AND SEALS ARE WORN. OVERHAUL IS NEEDED. WILL REPLACE ALL WORN/DAMAGED PARTS AND TEST PER ATP SPECS. MODIFY TO A - 21

#### Major Parts Replaced:

Part _Number	Part Description	Qty Per
1300120	EJECTOR ASSY., FCV	1
1300400-10	ACTUATOR, ELECTRO-MECH	1
1300424	BRACKET	$\tilde{1}$
1300470	VALVE, AMBIENT ASSY	1
1310110-1	CHECK VALVE ASSY	1

Service to be Performed: OVERHAULED

Warranty: OVR

Evaluated By: 300

**BRANDON STALNAKER** 

2/18/2010

Work Performed By:

199

BRIAN HAWS.

8/2/2010

# ENVIRO SYSTEMS, INC. 12037 North Highway 99 Seminole, OK 74868 (405) 382-0731 FAA REPAIR STATION BD2R712k Item Description Part Number 1300 490 - 21 Serial No. Inspection prior to use: NA Customer Order No. D5510 Work Order No. W 74429 TSO No. NA

1. Approving National Aviation Authority/Country FAA/UNITED STATES  AUTHORIZED RELEASE CERTIFICATE FAA Form 8130-3, AIRWORTHINESS APPROVAL TAG							3. Form Tracking Number 0354404		
4. Organization Name and Address Aero-Mach Labs, Inc., 7707 E. Funston, Wichita, Ks, 67207, USA, Certificate Number NU2R044L							5. Work Order/Contract/Invoice# 0354404		
6. Item	7. Description		8. Part Number	9	. Elig*	10. Qty	11. Serial/Batch#	12. Status/Work	
1	AIR DATA ATTI HEAD REF SYS	ΓUDE	37002-01-02 37002-01-02	ı	J/A	1	M012705 NG 2/ N #2/ A	14 HRS	OVERHAULED
carried o	Tested per MEGGITT CMM 34-00-01, REV 6, Apr 2009. Aero-Mach Labs, Inc. certifies that the work specified in Blocks 12 and 13 was carried out in accordance with EASA Part-145 and in respect to that work, the component is considered ready for release to service under EASA Part-145 Approval Number EASA.145.4048. Full details held on work order 0354404.								
19. \( \text{14 CFR 43.9 Return to Service} \text{ \text{ Other regulation specified in Block 13}} \) \( \text{ Approved design data and are in condition for safe operation} \) \( \text{ Non-approved design data specified in Block 13} \) \( \text{ Non-approved design data specified in Block 13} \) \( \text{ Non-approved design data specified in Block 13} \) \( \text{ Other regulation specified in Block 13} \) \( \text{ Certifies that unless specified in Block 13, the work identified in Block 12 and described in Block 13 was accomplished in accordance with Title 14, Code of Federal Regulations, part 43 and in respect to that work, the items are approved for return to service.}									
(15. Authorized	eSignature	16. App	noval/Auth No		20. Authorize	d Signature	) 21.	Approval/Ce	
17 Name (Ty	ped or Printed)	18. Date	(m/d/y)		112	/ped or Printed)		Date (m/d/y)	
Called the State of the State o		341 75 2003	User	r/Installer Respon	nsibilities	100			
performs wo that the user Statements i	ant to understand that the ork in accordance with the r/installer ensures that his in Blocks 14 and 19 do r tional regulations by the	he national re s/her airwort not constitute	f this document alone of egulations of an airwor thiness authority accept e installation certification	does not automat rthiness authority ots parts/compone ion. In all cases, a	ically constitute	the airworthiness a	iness authority of the country	ountry specifi	ed in Block 1.

NSN: 0052-00-012-9005



WICHITA, KANSAS 67207 316-682-7707

800-221-4678

FAX NO. 316-682-3418 www. aeromach.com

> Close this order to inventory location: STOCK

### **WORK ORDER**

EASA Approved

F.A.A. NO. NU2R044L AS 9100 / ISO 9001 CERTIFIED Shop Order...: 0354404

Order Date ...:

Item Number..: 37002-01-02 Customer P/N.: 37002-01-02

Description..: AIR DATA ATTITUDE HEAD REF SYS

Mfr. Name....: MEGGITT U.K. Mfr. Date...: 06/01/03

Serial Number: M012705

Purchase Ord#: Packing Slip .:

Previous W/O:	Qt	Part Number/Description
Discrepancy/Complaint/Instructions:		1 015-103727+: SENSOR PACK 1 015-106481-R+: PCB 1 026-101186+: ORING 1 46-20024+: GASKET 4 61-20003+: SCREW 10 61-20027+: SCREW 1 96-0177-01+: PROCESSOR PCB
Inspection/Hidden Damage/In-Process Inspection WITH INPUT OF 1000FT +-18FT, 50KTS +-5KTS, O PITCH +-0.5 DEGREES, 0 ROLL +-0.5 DEGREES. 188KTS, -32.3 DEGREES HEADING, 3 ON SSM MAG NORMAL ACCEL, PITCH, ARE OK. ANALOG, PROCESS OUT OF CALIBRATION. AFTER REPLACING PARTS LI 34-00-01 REV 6 SPECS.	-30 DEGREE HEADING +-2 DEGREES, ARINC OUTPUT READS 995FT, HEADING, ROLL IS 1 DEGREES, OR PC BOARDS, AND SENSOR PACK	
Work Performed: DISASSEMBLED, CLEANED, INSPECTED AND REPAIRE FUNCTIONALLY TESTED IN ACCORDANCE WITH MANUF. OVERHAUL COMPLETE. THIS INSTRUMENT COMPLIES TO 50,000 FEET.	D AS NECESSARY. REASSEMBLED AND	
MEGGITT CMM 34-00-01, REV 6, Apr 2009  Final Inspection: Technician		: X AML: _ Mfgr: Repair Type: OVERHAULED

1. Approving National Aviation 2. 3. Form Tracking Number: Authority/Country: **AUTHORIZED RELEASE CERTIFICATE** 43236912 FAA/United States FAA Form 8130-3, AIRWORTHINESS APPROVAL TAG 4. Organization Name and Address: **AVIALL LA BATTERY (RD42488M)** 5. Work Order/Contract/Invoice Number: 8045 WOODLEY AVE VAN NUYS, CA 91406 43236912 6. Item: Eligibility: \* **Description:** Part Number: 9. Serial/Batch Number: Status/Work: **Quantity: EMERGENCY** 501-1682-01 N/A 1994 REPAIRED 1. **POWER SUPPLY** 13. Remarks: Work Order Number 43236912 describing the actual work performed is attached. **EPS** Technical Reference: JET PS-834A & PS-834B, CMM 24-30-06, TP-475, Rev A, Change 1 SL-120, REV F, 11-30-09 NOTE: The following statements apply only when this form is used for the purpose of a dual release. Aviall Battery Shop certifies that the work specified in Block 12/13 was carried out in accordance with EASA145 and in respect to that work, the aircraft component is considered ready for release to service under EASA Approval Certificate Number: EASA.145.4192 Only FAA Airworthiness Directives have been complied with. 19. X 14 CFR 43.9 Return to Service Other regulation specified in Block 13 Certifies that unless otherwise specified in Block 13, the work identified in Block 12 Approved design data and are in a condition for safe operation. and described in Block 13 was accomplished in accordance with Title 14. Code of The Non-approved design data specified in Block 13. Federal Regulations, part 43 and in respect to that work, the items are approved for return to service. 16. Approval/Authorization No. 20. Authorized Signature: 21. Approval/Certificate No.: RD42488M 18. Date (m/d/v): 22. Name (Typed or Printed): 23. Date (m/d/y): QUIDLAT MAR-31-2011 DAUE

#### User/Installer Responsibilities

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 performs work in accordance with the national regulations of an airworthiness authority different than the airworthiness authority of the country 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 of the country specified in Block 1.

Statements in Blocks 14 and 19 do not constitute installation certification. In all cases, aircraft maintenance records must contain an installation certification issued in accordance with the national regulations by the user/installer before the aircraft may be flown.

NSN: 0052-00-012-9005

Work Order Number





**AVIALL LA BATTERY (RD42488M) 8045 WOODLEY AVE** VAN NUYS, CA 91406

Part Number: 501-1682-01

Description: EPS

Serial Number: 1994

Service Required: REPAIR

Quantity: 1

Date Received: 03/31/2011

Work Order History

43236912

Freight allocation

03/31/2011

	EPS Service Process	Technician
1	Check Customer Paperwork for: PO, Service Instructions, & Air Carrier Statement	50
2	AD Compliance	دک
3	Preliminary Inspection Findings / Hidden Damage: Plastic Case holding of three Cours has overheat Issues	5.
4	Residual Discharge	
5	Charge	.56
6	Capacity Check	50
7	Recharge	50
8	-Function Check	20
9	Calibrate	50

Aviall Order Number: 10861376

Ship To: SHORELINE AVIATION, INC.

Customer P.O.: 05702

93 OLD COLONY LN.

Customer Number: 689540

MARSHFIELD, MA 02050

Terms: COD

Shipping Method: FED P1AM

**Special Instructions** 

**Technical Information** 

JET PS-834A & PS-834B, CMM 24-30-06, TP-475, Rev A, Change 1

SL-120, REV F, 11-30-09

P/N 501-1682-01, S/N 1994 BATTERY WAS TOP CHARGED, CAPACITY TESTED, REPAIRED AND RE-CHARGED I.A.W. MFG SPECS.

#### Bill of Material

Part Number	Description / Lot Number	Quantity
B5271P	CEIL 031158936	3
	47.	-
Work Performed	100	
3 cells RAR	with factory new due to	
being shorted	<b>3</b>	
Insp. Signature:	Date:	03-31-11
Insp. Name:		100



#### **LOGBOOK SUPPLEMENT**

Replaced left	main tube part	t# <b>092-315</b> -0.			
Model No:	PA46-500TP	Pregistration No:	N621N	Serial No:	4697177
Date:	May 15, 2011	Hours:		Landings/Cycles:	
The aircraft/	airframe/engine			and inspected in accordance with c	urrent regulations of
the Federal A	viation Admini	stration and with respect to the	e work sp	ecified in Work Order 40493	except as
		Com motorms 4			

Authorized Signature	Genfue	ll	A&P	3041669 IA	
Jet Aviation, LP. Hang	ar 113, Teterborn	mort, Teterboro, Nev	Jersey 0	7608	

Replaced left main tire part# 070-317-0 serial# 0091500540 off, serial# 0287500143 on.

**AVIONICS** 

LANMAR

WO # 4290

145 TOWER AVENUE GROTON NEW LONDON AIRPORT GROTON, CT 06340 FAA Approved Repair Station # L4AR428X Phone: 860-446-8621 Fax: 860-446-0329

Registration #	Acft. Make / Model	Serial #	AFTT	Hour Meter
N621N	PA46-500TP	4697177		1647.6 hrs.

 Removed the GNS530W, p/n 011-01064-00, s/n 23821355, and installed a serviceable unit, p/n 011-01064-40, s/n 78409887, repaired by Garmin International, CRS # G6XR582Y, under WO # 30673400, dated 5/23/2011. Installation and operational check completed in accordance with Garmin GNS530W I.M. # 190-00357-08, Rev. D, dated May, 2011.

THE ARTICLES IDENTIFIED ABOVE WERE REPAIRED AND INSPECTED IN ACCORDANCE WITH CURRENT REGULATIONS OF THE FEDERAL AVIATION ADMINISTRATION AND ARE APPROVED FOR RETURN TO SERVICE. PERTINENT DETAILS OF THE REPAIR ARE AT THIS REPAIR STATION UNDER WORK ORDER NO., DATED 6/03/2011...

SIGNED John P Shields

SHUTCHIE ATIQUUI, IIIC. 93 Old Colony Lane Marshfield, MA 02050 781-837-8521

V#: 621N

Ser#: 4697177

Date: 09-29-2011 Hobbs: 1697.6

ACTT: 1697.6

Reinstalled autopilot DFCS p/n 01304-01-01-001 s/n 0348-262 after epair by S-TEC Corp. CRSFF2R818K. Operational check OK. See

FAA form 8130-3 for more info.

Tán A&P 3439269 IA

**Shoreline Aviation, Inc.** 93 Old Colony Lane Marshfield, MA 02050 781-837-8521

N#: N621N

Ser. #: 4697177

Maintenance

Eng TT: 1753.2

ACTT: 1753.2 Hobbs: 1753.2 Date: 02-04-2012

Completed Annual insp. per FAR 43, App D using Piper forms for Events 1 & 2 from chapt. 5 of the MM as a guide. C/W Piper 50 hr., 200 hr., 300 hr. (oxy. sys. insp.), 400 hr., 500 hr MLG bolt check, 500 hr. pressurization check, 30 day, 90 day, 6 month, 12 month (including the cap. check of the stdby. gyro batt. pack) special insps. C/W FAR 91.207(d) on the ELT and found no defects - ELT batt. due date is 01 /13. C/W Piper SB 1234 by installing a new 592-712 oil cooler vernatherm serial # 464. C/W Piper SB1236 by revising the placards on the landing gear for strut servicing and by servicing all 3 struts to these new settings. C/W Piper SB 1243A (part II) on the landing gear power pack - no defects noted. Installed 8 new APS66-62 brake pads - bled L & R brake systems. Installed 2 new RA164-07800 brake discs. CM Piper SB1230 and found the nose wheel grommet already installed. C W Piper SL 1130 (ail. guad. lube). CW Piper SL 1135 on the control

Total To arry Forward

cables & pulleys. Both of these SL's are due ea. 100 hrs. R+R co-pilot's lower nav. display (part # 84-134-6, s/n 0346-005) after repair at S-TEC as shown on the attached 8130-3 form. R+R stby. gyro batt. pak (part #			<b>→</b>
501-1682-01, s/n 1994 after repair at L3 as shown on the attached 8130 -3 form. R+R one VG on the LH wing. R+R oil cooler deflector part # 102611-002. R+R bent hardware on both crew seatbacks (part #		Signature	Certificate No.
NAS6204-25D) (2 on each seat). R+R fuel shutoff handle light bulb, one nose gear down light bulb LH white nav. light bulb and the LH rudder trim			
switch light bulb. R+R both nose wheel bearings and races. R+R LoPresti NLG Boom Beam ballast part # LSM-SCD-006-3, s/n 31739 - function check OK. R+R chafe tape for the flaps and RH MLG door.			
Repaired the LH squat switch actuator tab. Repaired fuel leak in the RH wing at one inbd. tank access panel. Adjusted the NLG steering			
clearance. Installed a new 758-735 beta block. Added a switch above the stby, alitimeter that turns on and off the internal lighting of the	+		
standby instruments. R+R one DD1W static wick (one on elevator).  Placarded the fuel drain valves, belly drain valves and the belly static			
ports. I certify that this airframe has been inspected in accordance with			,
an Annual insp. and was determined to be in airworthy condition.			
John E. Sheeban A+P 3439269 IA			
) <u> </u>			
- Make	-		

NGOIN ACT 1697.60 09-09-11 1. Approving National Aviation 2. 3. Form Tracking Number: **Authority/Country AUTHORIZED RELEASE CERTIFICATE** FAA / United States 25062 FAA Form 8130-3 AIRWORTHINESS APPROVAL TAG 4. Organization Name and Address 5. Work Order / Contract / Invoice Number S-TEC Corporation, One S-TEC Way, Mineral Wells, TX 76067-9236 (Certificate No. FF2R818K) R000069913 10. 11. 12. Description Item **Part Number** Eligibility Quantity Serial Number Status/Work **DFCS** 1 01304-01-01-001 N/A 0348-262 1 REPAIRED 13. Remarks See attached SRO# R000069913 For work performed and parts used. The work specified has been accomplished in accordance with S-TEC Component Maintenance Manual number 87133, Revision B, Dated 08/10/2011. 14. Cartifles the items identified above were manufactured in conformly to: 19. 14 CFR 43.9 Return to Service Other regulation specified in Block 13 Certifies that unless otherwise specified in Block 13, the work identified in Block 12 and described in Block 13 was accomplished in accordance with Title 14. Code of Federal Regulations, part 43 and in respect to that work, the items are approved for return to service 15. Authorizae Signature: 16. Approval/Certificate No. 20. Authorized Signature: 21. Approval/Certificate No. FF2R818K 22. Name (typed or printed): 17. Name (typed or printed): 18. Date (m/d/v/) 23. Date (m/d/y) **Kenny Poynor** Sep/27/2011 User / Installer Responsibilities 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 performs work in accordance with the national regulations of an airworthiness authority different than the airworthiness authority of the country 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 of the country specified in Block 1.

Statements in Blocks 14 and 19 do not constitute installation certification. In all cases, aircraft maintenance records must contain an installation certification issued in accordance with the national regulations by the user / installer before the aircraft may be flown.

FAA Form 8130-3 (6-01) (Computer Generated)

<sup>\*</sup> Installer must cross check eligibility with applicable technical data.

1. Approving National Aviation Authority/Country

**FAA / United States** 

#### **AUTHORIZED RELEASE CERTIFICATE**

FAA Form 8130-3 AIRWORTHINESS APPROVAL TAG

3. Form Tracking Number:

25160

4. Organization Name and Address

S-TEC Corporation, One S-TEC Way, Mineral Wells, TX 76067-9236

(Certificate No. FF2R818K)

5. Work Order / Contract / Invoice Number

6. Item	7. Description	8. Part Number	9. Eligibility	10. Quantity	11. Serial Number	12. Status/Work
1	DFCS	01304-01-01-001	N/A	1	0348-262	REPAIRED
13. Rem	arks					

See attached SRO# R000070017 For work performed and parts used.

The work specified has been accomplished in accordance with S-TEC Component Maintenance Manual number 87133, Revision B, Dated 08/10/2011.

14. Certifies the items identified above we	re manufactured in conformity to:	19. 14 CFR 43.9 Return to Service Other re	gulation specified in Block 13
Approved design data and are Non-approved design data spe	in a condition for safe operation cified in Block 13	Certifies that unless otherwise specified in Block 13, the wor and described in Block 13 was accomplished in accordance Federal Regulations, part 43 and in respect to that work, the return to service	with Title 14, Code of
15. Authorized Signature:	16. Approval/Certificate No.	20. Authorized Signature: 21.	Approval/Certificate No.
			FF2R818K
17. Name (typed or printed):	18. Date (m/d/y)	22. Name (typed or printed):	Date (m/d/y)
		Kenny Poynor	Oct/10/2011
	the state of the s	Value of the second sec	

User / Installer Responsibilities

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 performs work in accordance with the national regulations of an airworthiness authority different than the airworthiness authority of the country 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 of the country specified in Block 1.

Statements in Blocks 14 and 19 do not constitute installation certification. In all cases, aircraft maintenance records must contain an installation certification issued in accordance with the national regulations by the user / installer before the aircraft may be flown.

<sup>\*</sup> Installer must cross check eligibility with applicable technical data.

#### CRS FF2R818K

Columbia Air Services

175 Tower Avenue Groton, CT 06340

**CUSTOMER:** 

[ C000406-0 ]

**CONTACT:** 

Chris Bergman

Tel: 860-449-1400 x 182

Perform - Suspect component

Fax: 860-446-3057

email:

S-TEC Corporation
One S-TEC Way

Mineral Wells, TX 76067-9236

T: 940-325-9406 F: (940) 325-8808 AIRCRAFT DATA:

Registration: N621N

Year:

**AUTOPILOT:** 

Make: PIPER

Install Date:

Model: PA-46-500TP

Heading System:

S/N: 4697177

STOL System:

Voltage: 28V

Hobbs/Tach - Install:

SRO#:

Current:

R000070017

Line #: 1

Incident No: 1000022499

Start Date: 10/05/2011

Cust. P.O. #: ARO-11-0065 Return Ship: 01 - UPS Blue SRO Type: STEC-WR

Return Reason Trim failure; blew F2 fuse.

Component Data: P/N:01304-01-01-001. CMM:

S/N:0348-262

P/N: 87133 Rev Status: B

Qty	Part#	Description	Sale Amt
2 00	01304-01-01-001	DECS	Politikasion's
2.00	20S1020222K1T	RESISTOR,22.1K,1%,1/10W	0.00
1.00	7200336-02	PCB ASSY,ANALOG/POWER,DC	0.00
1.00	MISC	MAJOR LEVEL FLAT RATE REPAIR	0.00

EPAIR	0.00
Total Parts:	0.00
Total Labor:	0.00
Tax:	0.00
Total Amount:	0.00

1	
Narr.	, -1
1 a red	Unit
Narr. Repaired	

REPAIR	STATION ACTIONS Repair Time	
Preliminary Inspection No obvious defects noted.	Inspector: P000010047- Tina Kidwell	0.00
Hidden Damage Inspection N/A	Inspector: P000010047- Tina Kidwell	0.00
because of the history of the unit.	nal complaint. Replaced the Analog/Power PCBA The analog/power PCBA is the most probable cause. ot affect the form, fit, or functionality of the unit.	0.00
Checked per Manufacturer Specific	ations	
Approved for return to service.		0.00
	A 1	
		0.00
	Total Repair Time	0.00
	Labor Charge	
Technician:	Final Inspection: 10	0/10/2011

Remarks:

TERMS: STRICTLY CASH without prior arrangements

Technician:

P000000750- Doug Dewey P000000750- Doug Dewey P000<del>00016</del> Kenny Poynor

10/10/2011

The Aircraft or appliance identified herein was overhauled, repaired or functional tested and inspected in accordance with FAA Regulations and is approved for return to service. Pertinent details are often on file at this repair station under the above repair order number.

8633 Rev O

NOBIN ACTT 1753 & 3. Form Tracking Number: 1. Approving National Aviation | 2. **Authority/Country AUTHORIZED RELEASE CERTIFICATE** 25835 FAA / United States FAA Form 8130-3 AIRWORTHINESS APPROVAL TAG 5. Work Order / Contract / Invoice 4. Organization Name and Address Number (Certificate No. FF2R818K) S-TEC Corporation, One S-TEC Way, Mineral Wells, TX 76067-9236 R000070734 12. 10. 11. Eligibility Status/Work Description **Part Number** Quantity Serial Number Item 0346-005 REPAIRED N/A NAVIGATION DISPLAY UNIT, 84-134-6 2/4/12 621 N co-Pilot 2 lower nav. display 13. Remarks See attached SRO# R000070734 For work performed and parts used. The work specified has been accomplished in accordance with S-TEC Component Maintenance Manual number 87179, Revision B, Dated 08/16/2011. 19. 14 CFR 43.9 Return to Service Other regulation specified in Block 13 14. Certifies the items identified above were manufactured in conformity to: Certifies that unless otherwise specified in Block 13, the work identified in Block 12 Approved design data and are in a condition for safe operation and described in Block 13 was accomplished in accordance with Title 14, Code of Federal Regulations, part 43 and in respect to that work, the items are approved for return to service 20. Authorized Signature: 21. Approval/Certificate No. FF2R818K 18. Date (m/d/y 22. Name (typed or printed): 23. Date (m/d/y) 7. Name (typed or printed): Jan/25/2012 **Kenny Poynor** User / Installer Responsibilities 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 performs work in accordance with the national regulations of an airworthiness authority different than the airworthiness authority of the country 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 of the country speicified in Block 1. Statements in Blocks 14 and 19 do not constitute installation certification. In all cases, aircraft maintenance records must contain an installation certification issued in

FAA Form 8130-3 (6-01) (Computer Generated)

accordance with the national regulations by the user / installer before the aircraft may be flown.

<sup>\*</sup> Installer must cross check eligibility with applicable technical data.

Approving National Aviation Authority/Country:  FAA/United States  2.	AUTHORIZE FAA Form 8130	D RELEAS			3. Form Tracking Number: 12-926197
4. Organization Name and Address:	Repair Station 5353-52 <sup>nd</sup> Stre	ations Avionics Syster Certificate No. NN2R0 et S.E Michigan 49512-9704	037L		5. Work Order/Contract/Invoice No.  926197
6. Item: 7. Description:	8. Part Number:	9. Eligibility:*	10. Quantity:	11. Serial/Batch Number:	12. Status/ Work:
1 PS-834/	501-1682-	N/A		1994	REPAIRED
Unit complies with pertinent Airworthiness Unit was inspected, tested, and meets all work completed on $2 - 1 - 201$ .  For work details see Service Work Report		No. 508 -2066 Rev	Note: accord	This certifies that the work speci	
14. Certifies that the items identified abov  Approved design data and are i  Non-approved design data spec	n a condition for safe operation.		Certifies describe	d in Block 13 was accomplished	Other regulation specified in Block 13 in Block 13, the work identified in Block 12 and d in accordance with Title 14, Code of Federal at work, the items are approved for return to
15. Authorized Signature:	16. Approva	l/Authorization No.:	20. Authorize	ed Signature: Jozen	21. Approval/Certificate No.:  NN2R037L
17. Name (Typed or printed):	18. Date (m/		Thoma	yper or Printed):	23. Date (m/d/y): FEB/01/2012
It is important to understand that the exist			e authority to inst		
essential that the user/installer ensures that	t his/her airworthiness authority acco	epts parts/components/as	semblies from th	e airworthiness authority of the	
Statements in Blocks 14 and 19 do not corregulations by the user/installer before the	aircraft may be flown.	all cases, aircraft mainter		Might May 7 No. 40	eation issued in accordance with the national NSN: 0052-00-012-9005

WO # 4631

**AVIONICS** 

2.

GROTON NEW LONDON AIRPORT GROTON, CT 06340 145 TOWER AVENUE

FAA Approved Repair Station # L4AR428X

Phone: 860-446-8621 Fax: 860-446-0329

Acft. Make / Model	Serial #	AFTT	Hour Meter
Registration # PA-46-500TP	4697177		1765.7 hrs.
N621N PA-40-00011	10 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1		

Complied with the tests and inspections required by FAR 91.411 and FAR 43 Appendix E, (a), (b), & (c) on the 1. pilot's encoding altimeter, p/n 37002-01-01, s/n M012483. Complied with the tests and inspections required by FAR 91.411 and FAR 43 Appendix E, (a), (b), & (c) on the

pilot's encoding altimeter, p/n 37002-01-01, s/n M011928.

Complied with the tests and inspections required by FAR 91.411 and FAR 43 Appendix E, (a), (b), & (c) on the 3.

standby UI altimeter, p/n 16450-1147, s/n 170401.

Completed the MAGIC Air Data and Pitot-Static System inspections in accordance with S-TEC Ground Test

Procedure, Doc. # 97-9001-001, Rev. 3, dated 2/13/2003.

Complied with the tests and inspections required by FAR 91.413 and FAR 43 Appendix F (a), (b), (c), & (d) on 5. the GTX-330 transponder s/n 84108771.

Complied with the tests and inspections required by FAR 91.413 and FAR 43 Appendix F (a), (b), (c), & (d) on 6.

the GTX-330 transponder s/n 84108797.

- All units tested to 30,000 ft. 7.
- Next tests due 3/31/2014. 8.

THE ARTICLES IDENTIFIED ABOVE WERE REPAIRED AND INSPECTED IN ACCORDANCE WITH CURRENT REGULATIONS OF THE FEDERAL AVIATION ADMINISTRATION AND ARE APPROVED FOR RETURN TO SERVICE. PERTINENT DETAILS OF THE REPAIR ARE AT THIS REPAIR STATION UNDER WORK ORDER NO. 4631, DATED 3/12/2012.

SIGNED

David A. Little

AVIATION

Shoreline Aviation, Inc.

Marshfield Municipal Airport George Harlow Field (GHG) 93 Old Colony Lane Marshfield MA 02050

2/1/2013

and

N621N

#### PA46-500TP, serial # 4697177

Airframe Log -

ficate

Hobbs Hours: 1928.3 :: Aircraft TT: 1928.3 :: Engine TT: 1928.3 :: Prop. TT: 1928.3 :: Prop. TSMOH: 0.0 Completed annual inspection in accordance with FAR 43, app. D using Piper forms for Events #1 & #2 from the maint. manual as a guide.

- 1) Complied with FAR 91.207(d) on the ELT and noted no defects. Next due 01/14. Installed a new 452-0130 ELT battery new due date is 03/15.
- 2) C/W Piper 30 day, 90 day, 4 month, 6 month, 1 year special inspections.
- \_ 3) Completed main battery capacity check battery passed the 51 minute test in 54 minutes after the battery received a "conditioning charge".
- Completed the standby gyro. Battery pack capacity check unit passed.
  - 5) R+R starter/generator (part # 200SGL145Q, serial # 4951) after overhual by NAASCO as shown on the attached 8130-3 form.
  - 6) R+R propeller (part # HC-E4N-3Q, serial # HH-1919) after overhaul see prop log for details. A new 758-735 beta block was installed
  - 7) Retensioned the alternator and air conditioning belts and resaftied the hardware.
  - 8) R+R instrument pane; post light bulbs as needed.
  - 9) Resealed all four brake master cylinders using four kits part # 765-328. Bled brakes.
  - 10) Installed all new APS66-06200 brake wear pads on both sides.
    11) Installed two new main tires (Michelin Air 6.00x6 8pr).
  - 12) C/W Piper SL's 1131 and 1135 by lube of the aileron quadrant and inspection of the control cables and pulleys per SL instructions.
  - 13) Installed a new 102227-007 module for the air conditioning blowers "low" operation.
  - 14) R+R antenna on belly just behind the nose gear with a new unit part # AV-74.
  - 15) R+R loose rivets on the underside of the LH wing root fairing as needed.
    - --- Page --1-- of --2-- Pages --- Date: 2/1/2013 --- Aircraft #: N621N --- Airframe Log ---

#### --- Page --2-- of --2-- Pages --- Date: 2/1/2013 --- Airoraft #: N621N --- Airframe Log ---

- 16) Repaired a small fuel seep at the LH wing middle fuel tank by reapplying PRC to the aft wall of the inside of this tank.
- 17) R+R 6 static discarge wicks with new DD1W units.
- 18) R+R the upper torque link bushings (part # 452-857) and bolts (part # 691-315) on both main gear.
- 19) R+R the LH bearing (part # 08125) and race (part # 08231) in the nose wheel.
- 20) R+R various placards on the belly of the airplane where needed. (Fuel drains, static vents and belly drains).
- 21) C/W Piper SB1256 by modifying the nose gear center torque link hardware per bulletin instructions.

I certify that this Airframe has been inspected in accordance with an annual inspection and was determined to be in an airworthy condition.

Shoreline Aviation, Inc. 93 Old Colony Lane Marshfield, MA 02050 781-837-8521

John E. Sheehan A+P 3439269 IA

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Approving National Aviation	2.				i sine	3. Form Tracking N	umber:
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#### NAASCO NORTHEAST CORP.

222 GRAND AVENUE

**BROOKHAVEN AIRPORT** 

Tel: 631-399-2244

SHIRLEY NY 11967 Toll Free: 800-872-9903 EIN# 11-2697043

naasco@naasco.com www.naasco.com

Fax: 631-399-2275

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Marshfield Municipal Airport George Harlow Fleld (GHG) 93 Old Colony Lane Marshfield, MA 02050

6/24/2013

N621N

PA46-500TP, serial # 4697177

Aircraft Logbook

Hobbs Hours: 1975.8

- 1) R+R main aircraft battery with a new unit, part # 601-910, serial # 40588651.
- 2) C/W Piper SB 1258 to both fuel tank vent valves. Found orange colored valves already installed so no further action is required.

The above work was completed in accordance with current regulations of the Federal Aviation Administration and is approved for return to service for the work accomplished.

Shoreline Aviation, Inc. 93 Old Colony Lane Marshfield, MA 02050 781-837-8521

Signed\_

Edward J. Novak Jr. A+P 2832024



Marshfield Municipal Airport George Harlow Field (GHG) 93 Old Colony Lane Marshfield, MA 02050

10/30/2013

N621N

PA46-500TP, serial # 4697177

Aircraft Logbook

Hobbs Hours: 2025.1

Installed a new prop deice timer/control module part # 691-234 - function check prop. heat system OK.

The above work was completed in accordance with current regulations of the Federal Aviation Administration and is approved for return to service for the work accomplished.

Shoreline Aviation, Inc. 93 Old Colony Lane Marshfield, MA 02050 781-837-8521

Signed Edward & North

Edward J. Novak Jr. A+P 2832024 IA

Reg: N621N

Date: 21 Feb 2014 Hobbs: 2056.2

Tach: 2056.2

The Altimeter, Pitot, Static and Altitude Reporting Systems have been tested and found to be in compliance with FAR 43, Appendix E and F, as required by FAR 91.411. Tested to 30,000

The ATC Transponder has been tested and found to be in compliance with FAR 43, Appendix F, as required by FAR 91.413.

NEXAIR AVIONICS CRS:N4OR087B WO#: 1977



Marshfield Municipal Airport George Harlow Field (GHG) 93 Old Colony Lane Marshfield, MA 02050

2/25/2014

N621N

PA46-500TP, serial # 4697177

Aircraft Logbook

Hobbs Hours: 2056.2 :: Aircraft TT: 2056.2 :: #1 Engine TT: 2056.2 :: Prop. TT: 2056.2 :: Prop. TSMOH: 127.9

Completed annual inspection in accordance with FAR 43, app. D using Piper forms for Events #1 & #2 from the maint. manual as a guide.

1) Complied with FAR 91.207(d) on the ELT and noted no defects. Next due 02/15. ELT battery is due 03/15

2) Completed the following special inspections: 50 hr., 90 day, 6 month, 1 year, main battery capacity check, standby gyro. battery check.

3) C/W Piper Service Letters 1131 & 1135 by lube of the aileron wing quadrant and by inspection of the contr

cables and pulleys.

4) C/W Piper Service Bulletin 1262A and found the wing gap sealant to be intact per Bulletin instructions - no further action is required.

5) R+R all brake pads with new units (part # APS66-06200).

6) R+R two static discharge wicks that failed the megohmeter test with new units.

I certify that this Airframe has been inspected in accordance with an annual inspection and was determined to in an airworthy condition.

Shoreline Aviation, Inc. 93 Old Colony Lane Marshfield, MA 02050 781-837-8521

Signed

Thomas D. Hall A+P 2351789 IA



, - 0- 1.								
Altimeter Correction Card								
Altimeter:		SN:						
ALT	Error	ALT	Error					
-1000	0	14000	-15					
0	-10	16000	-20					
500	-10	18000	-20					
1000	-10	20000	-25					
1500	-10	22000	-25					
2000	-10	25000	-30					
3000	-10	30000	-40					
4000	- 15	<35000						
6000	-15	40000						
8000	-15	45000						
10000	-15	-50000						
12000	-15	·55000						
	InHg: 29.92	Test Date:	2/21/14					

Barometric InHg: 29.92 Tested By: D6 CRS N4OR087B Mansfield Airport 265 Fruit St Mansfield MA 02048

PILOT Display N621N NEXA I R

146211	V	2	<i>D</i>					
Altimeter Correction Card								
Altimeter:		SN:						
ALT	Error	ALT	Error					
-1000	G	14000	0					
0	-10	16000	0					
500	-10	18000	-40					
1000	-10	20000	-20					
1500	-20	22000	-4D					
2000	-20	25000	-40					
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6000	0	40000	_					
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10000	-10	50000	_					
12000	0	55000						
Barometric	InHg:2492	Test Date:	2/21/14					

Tested By: \_\_\_\_\_ CRS N4OR087B Mansfield Airport 265 Fruit St Mansfield MA 02048

N621N COPILOT **Altimeter Correction Card** Altimeter: SN: ALT Error ALT Error -25 -1000 14000 16000 500 15 18000 1000 15 20000 15 1500 22000 15 2000 25000 3000 15 30000 4000 6000 15 8000 15 45000 10000 50000 15 12000 55000

Tested By: CRS N4OR087B

Test Date:

Mansfield Airport 265 Fruit St Mansfield MA 02048

Barometric InHg:



3/17/2015

N621N

PA46-500TP, serial # 4697177

Aircraft Logbook

Hobbs Hours: 2141.0 :: Aircraft TT: 2141.0 :: #1 Engine TT: 2141.0 :: Prop. TT: 2141.0 :: Prop. TSMOH: 212.7

Completed annual inspection in accordance with FAR 43, app. D using Piper forms for Events #1 & #2 from the maint, manual as a guide.

- 1) C/W FAR 91.207(d) on the ELT and noted no defects. Next due 03/16. R+R ELT battery with a new 452-0130 unit. ELT battery is due 05/17.
- 2) Completed the following Piper recommended Special Inspection items: 50 hr., 400 hr. (fuel puge system check and fuel nozzles recert.), 30 day, 90 day, 6 month, 1 year, main battery capacity check and stand-by gyro power supply capacity check.
- 3) c/w Piper Service Letters 1131 & 1135 by lube of the wing alleron quadrant and inspection of the flight control cable and pulleys per Letter instructions.
- 4) C/W Piper recommended 5 year corrosion inspection and treatments per maintenance manual instructions.
- 5) C/W 600 hr, airplane fuel filter element replacment by installing a new fuel filter element (part # 601-809).
- 6) R+R both crew seat lumbar inflation bulbs (part # 686-208).
- 7) R+R decals/placards on the belly of the airplane with new placards where necessary.
- 8) Applied new anti-chafe tape to the RH nose gear door edge where it is overlapped by the LH nose gear door when the gear is retracted.
- 9) R+R loose rivets on the RH wing root fairing on the underside where necessary.
- 10) R+R nose wheel bearings and races with new units (part #'s 08231 & 08125.).
- 11) Adjusted elevator cable tension to 30 lbs. And resaftied the turnbuckles.
- 12) LH rear spar attachment hardware found with a gap under the pin head. Removed fairings as needed for access to this hardware and retorqued per the maintenance manual. Reinstalled fairings using new blind rivets.

I certify that this Airframe has been inspected in accordance with an annual inspection and was determined to be in an airworthy condition.

Edward J. Novak Jr. A+P 2832024 IA



Marshfield Municipal Airport George Harlow Field (GHG) 93 Old Colony Lane Marshfield, MA 02050

6/5/2015

N621N

PA46-500TP, serial # 4697177

Aircraft Logbook

Hobbs Hours: 2162.3

R+R air conditioning blower "HI" control mudule with a new unit (part # 102227-007). Function check satisfactory.

The above work was completed in accordance with current regulations of the Federal Aviation Administration and is approved for return to service for the work accomplished.

Shoreline Aviation, Inc. 93 Old Colony Lane Marshfield, MA 02050 781-837-8521

Signed

Edward J. Novak Jr. A+P 2832024 IA



Plymouth Airport (KPYM) 246 S Meadow Rd Gate 6 Hangar SW-1 Plymouth, MA 02360

N621N July 17,2015 Hobbs: 2183.2 WO# 2708

REMOVAL OF: GARMIN GNS530W NAV/COM/GPS #1 S/N 78409887, GARMIN GNS530W NAV/COM/GPS #2 S/N 78409378. ALL RADIOS REMOVED COMPLETE.

INSTALLATION OF: GARMIN GTN750 NAV/COM/GPS #1 S/N 1ZA016269, GARMIN GTN750 NAV/COM/GPS #2 S/N 1ZA016244 AND SANDIA SAC 7-35 ADC S/N: 428533 INTERFACED TO GTN750s. REPLACED INOP TRIM MASTER SWITCH WITH SERVICABLE UNIT. UPDATED GARMIN GTX330 TRANSPONDER SOFTWARE PER GARMIN SB 1435 REV B.

ALL RADIO AND SYSTEMS OPERATIONS CHECK OK, PERFORMED, ALL SYSTEMS OPERATING TO SPECIFICATIONS.

SEE FAA FORM 337 THIS DATE.

Note: Work Order #2708 on File, Equipment List and Weight & Balance updated.

**Authorized Signature** 

Michael Rearick 2752709 A&P/IA

Shoreline

Shoreline Aviation, Inc.

Marshfield Municipal Airport George Harlow Fleld (GHG) 93 Old Colony Lane Marshfield, MA 02050

9/18/2015 N621N

PA46-500TP s/n 4697177

Aircraft Logbook

- Hobbs Hours: 2195.0 :: Aircraft TT: 2195.0
- 1) Installed servicable engine fuel flow transmitter p/n 601-217 s/n 0115-0106 with 328.9 hours since new.
- 2) C.W. Piper SSL 459 Vaccum bled port cover kit by installing kit p/n 88553-001.
   3) Engine ground run up and functional check OK with no fuel or oil leaks noted.

The above work was completed in accordance with current regulations of the Federal Aviation Administration and is approved for return to service for the work accomplished.

Signed

John E. Sheeban A+P 3439269 IA

### MTW AEROSPACE, Inc.

7050 Hwy 80 West Montgomery, AL 36108

#### MATERIAL CERTIFICATION

**PURCHASE ORDER #:** 

07446

PART NUMBER:

601-217

DESCRIPTION:

TRANSMITTER - FUEL FLOW

SERIAL NUMBER:

<u>0115-0106</u>

SHIP DATE:

09/04/2015

The undersigned hereby certifies that the material shipped against the above purchase order is in AS REMOVED

condition and was originally manufactured by

**MEGGITT** 

or one of their designated licensees. That it was

not obtained from any U.S. Government source, was not subjected to fire and was obtained from the stock of PIPER PA-46-500TP Aircraft Serial No. PA-46-97122, P126156

This is to certify that each part covered by this packing list and invoice were produced by a Manufacturer holding an FAA Approved Production Inspection System issued under FAR 21, Sub. Part F. or by Manufacturer holding an FAA Production Certificate issued under FAR 21, sub. Part O. These parts were made by the prime manufacturer or under licensee agreement with the prime manufacturer.

SOURCE: PIPER PA-46-500TP

Serial: PA-46-97122

Registration: N961JM

**Former Operator:** 

Part:

**Incident Related** 

#SR20090002

Authorized Signature:

Title: SALES REP

**COREY NIELSEN** 

<b>&gt;</b>		MTW:	7708 C-2					
	N	Part Description FUEL FLOW T	RANSMIT	TER	*	4.:		
	9	Part Number <b>601-217</b>	v. 20		Serial N 0115-	F.		
	6	TSN	TSO		CSN	,	CSO	
	1	328.9	N/A		323		N/A	
C	J	Reason For Remo	vai 					
Ш	M	The same and the s	46-500TP 7122	A.C.T.T. <b>3</b>	28.90	A.C.T.C.	323 F	Position
Q		Date 8/18/2003	nspector	Hoy	1 74	License N		786996
4		New _	Overha	uled [	Rep	aired	] Tin	ne Continued
		Installation		Aircraft		· ,		
		Date	Position		T.A.T.		Mechar	nic

Date: 10/20/2015

N621N Hobbs: 2209.2

WO: 4339

#### **Airframe**

- Removed the left MLG wheel and tire. Disassembled, cleaned and inspected the wheel. Installed new tube and tire P/N: 021-317-1, S/N: 4171S00005. Torqued wheel assembly and serviced tire. Installed wheel and secured.
- Installed two new static wicks on the RH elevator tip. —END—

Kelvin Wiebe A&P 2841895

Helm Wil

Reg: NO21N Date: 01/19/16

TTSN: 2228,3 TACH: N/A NE AIR AVIONICS

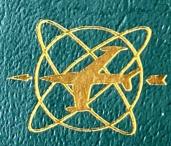
The ALtimeter, Pitot, Static and Altitude Reporting Systems have been tested and found to be in compliance with FAR43, Appendix E and F, as required by FAR 91.411. Tested to 35,000 ft.

The ATC Transponder has been tested and found to be in compliance with FAR 43, Appendix F, as required by FAR 91.413

NEXAIR AVIONICS CRS:N4OR087B WO: 3060

END of Log#1

# N621N 621N 63#2



## The Standard CONTROL CONTROL

ASA-SA-2

ircraft Record General Information	on			
•	-			
anufacturer Pipev		1) 1111	SAATA	
anufacturer P		del <u>PA46 —</u>	3001P	
erial 99111	Re	gistration Number_	N621N	
ate of Manufacture				3
ngine(s) currently installed:	OTA	1 112 1		
anufacturer P+W	Model <u>P   6</u>	A -42A Seri	PCE-RMO	187
anufacturer	Model	Seri	al	
hopeller(s) currently installed:		110 F11	11-30	
lanufacturer Hartzell	Mg	odel TTC T	N-JQ	
NB Model	$\_$ Serial $\cancel{eta} \# \#$	$\frac{HC-E4}{1919}$	ial	
ade Model	Serial	Serial	Serial	-
ade Model	Serial	Serial	Serial	-
				*
		n e		

4	ti mil 🎻			All yes were the		
Re		,	AVIATION	Shoreline Aviation, Inc.		
Na				Marshfield Municipal Airport George Harlow Field (GHG) 93 Old Colony Lane		
Cit			9.	Marshfield. MA 02050	Aircraft Logbook	111
Na	1/27/2016	N621N	AND DEPOSITE CONTRACTOR PRODUCTION	serial # 4697177	•	. 1
Cit	299.6	2221.9 :: Aircra	π     : 2227.9 :: #1 Engl	ine TT: 2227.9 :: Prop. TT: 222	7.9 1 top. 10tile11.	V
Oit		nual inspection in	accordance with FAR 4	3, app. D using Piper forms for E	vents #1 & #2 from the	
Na	maint. manual	as a guide.				
Cit	new due date is	s 09/18		s - next due 01/17. Installed a n		1
	2) CAV the fol	lowing Piper reco	mmended special inspec	ction items: 30 day, 90 day, 300	hr. 6 month, 1 year,	
Nai	3) CAN 500 hr	Main gear bolt of	check and noted no defe	heck and Piper Service Letters 1 cts.		
City	4) C/W Piper S	Service Bulletin 1	267A (Empennage River	ts) - added two rivets to each side	e per figure 4 - no	
Naı	further action is	required.	271 (Wing Spar/Rivets I	nsp.) and noted no defects.		
	6) CAM Diner	Service Rulletin 1	275 (Nose Gear Decal) I	by installing a new 100/00-125 p	lacard on the nose gear.	1
City	7) C/W Piper S	Service Bulletin 1:	280 (Cabin Fie Extinguis	ther) by installing a new H3R par	t # A3441 cabin fire fire	
Nar	extinguisher.  8) C/W Piper S	Service Letter 118	39B (GCU Reverse Curr	ent) and noted no defects - color	coded electrical	
	connectors held	w the co-pilot's f	loor area.			
4.	71732)			and overhauled unit (part # LL1)		
Nar	10) Adjusted a	evator trim indica	tion needle to agree with	the elevator trim tab actual posi	tion.	1 dad
City	11) R+R flap po	osition indicator v	vith a used/serviceable uservite able uservites the with the actual flap positions.	init - adjusted linear flap position itions.	potentiorneter so that	
City						
Nar				ircraft #: N621N Aircraft Log	*	
City			State	From	То	
Nam	e			Address		
				From	То	

Page2 of2 P	A CONTRACTOR OF THE CONTRACTOR	
	ages Date: 1/27/2016 Aircraft #: N621N Aircraft Logbook	Note
12) R+R avionics cooling b	plower motor assembly with a new unit (Piper part # 460-113).	
13) Sanded and repainted	the upper surfaace of the LH horizontal Stab.	
14) R+R nose gear steerin	g adjustment link (part # 83308-002) with a new unit and set the nose gear steering	
clearance to maintenance n	nanul settings	
15) R+R nose gear taxi ligh	nt lens with a new unit from LoPresti (part # LSM500-335-15)	
16) R+R both wing tip land	ing light lenses with new units from Plastech (kit part # PL100-056).	
17) R+R loose wing root fa	iring rivets on the underside of both wings with new rivets where necessary.	
18) Resealed both main str	ruts using new 485-082 seals and MS28775-227 o-rings - service all three struts with	
5606 hydraulic oil and nitrog	gen to maintenance manual settings.	
19) Fabricated a new KH N	MLG extend hose using new Stratoflex 111-4 hose and reusing the existing end	
fittings. Leak check botrh h	hydraulic power pach hose using new Stratoflex 111-5 hose and reusing the existing	1
	ar door hinge halves with new ones (part # 83721-003) and hinge pins (part # 83721-	T
004). Hinge halves attache	d to the wing were NOT changed.	
	rd witha new unit (part # 472-059).	
	with new units (part # RA164-07800) and all brake pads with new units (part # 062-	
06200).		
23 R+R nose tire with a new	w GYFSII 5.00x5 10pr tire.	
1 416 41 4 41 1 4 4 6 4 4 4 4 4 4 4 4 4	as been inspected in accordance with an annual inspection and was determined to be	1
certify that this Airtrame na		
in an airworthy condition.	the companies of the contract	
Control of the Contro	to accomplished a second place of the second p	
in an airworthy condition.  Shoreline Aviation, Inc.		
in an airworthy condition.  Shoreline Aviation, Inc. 93 Old Colony Lane	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	
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in an airworthy condition.  Shoreline Aviation, Inc. 93 Old Colony Lane Marshfield, MA 02050	Signed Calward & Mova M Edward J. Novak Jr. A+P 2832024 IA	

Auth	ng Civil Aviation ority/Country: NITED STATES	2. A	UTHORIZED RE	LEASE C	CERTIFICATE PPROVAL TAG	3. Form Tracking Number: 07600
4. Organiza	ation Name and Address:	805 N. 4	Fabricators			5. Work Order/Contract/Invoice Number: 009583-01-2016
6. Item:	7. Description:		8. Part Number:	9. Quantity:	10. Serial Number:	11. Status/Work:
1	Actuator		LL11200-01	1	71732	OVERHAULED
		d are in cor	manufactured in conformity to:  ndition for safe operation.  in Block 12.	Certifies that	t unless otherwise specified in bloc d in Block 12 was accomplished in alations, part 43 and in respect to t	Other regulation specified in Block 12  k 12, the work identified in Block 11 accordance with Title 14, Code of that work, the items are approved for
13b. Auth	orized Signature:		13c. Approval/Authorization No.:	14b. Authorized S		14c. Approval/Certificate GVRR304K
13d. Nan	ne (Typed or Printed):		13e. Date (dd/mmm/yyyy):	14d. Name (Typed Michael V. Lewis	The second secon	14e. Date (dd/mmm/yyyy): 20 SAU2014
			User/Instal	ler Responsibili	ties	- 61
Where th Block 1, i specified	e user/installer performs t is essential that the user in Block1.	work in acc /installer er	e of this document alone does not automa cordance with the national regulations of nsures that his/her airworthiness authorit titute installation certification. In all case aller before the aircraft may be flown.	an airworthiness autl y accepts aircraft eng	hority different than the airworthi gine(s)/propeller(s)/article(s) from	iness authority of the country specified in the airworthiness authority of the country

FAA Form 8130-3 (02-14)

NSN: 0052-00-012-9005



Altimeter Correction Card							
Altimeter:	Stahu	SN: N	<i>A</i>				
ALT	Error	ALT	Error				
-1000	-70	14000	-25				
0	-20	16000	-30				
500	-20	18000	-30				
1000	-20	20000	~45				
1500	-70	22000	-45				
2000	-20	25000	-60				
3000	-20	30000	-(05				
4000	-20	35000	-65				
6000	420	40000	NA				
8000	~20	45000	1/				
10000	-20	50000					
12000	-20	55000	+,				
Barometric	InHg: 29,92	Test Date:	01/18/16				

Mansfield Airport 265 Fruit St Mansfield MA 02048

wo: 3060

Tested By: \_



Tested By:

	Altimeter Cor	rection Card	1
Altimeter:	P Magic	SN: N/	4
ALT	Error	ALT	Error
-1000	10	14000	-20
0	~10	16000	-25
500	-10	18000	-25
1000	-10	20000	-30
1500	210	22000	-20
2000	-10	25000	~40
3000	-15	30000	-40
4000	+20	35000	450
6000	- 20	40000	ASIA
8000	-70	45000	1.0/1
10000	- 20	50000	
12000	-20	55000	
Barometric	InHg: 29,92	Test Date:	01/18/16

CRS N4OR087B Mansfield Airport 265 Fruit St Mansfield MA 02048

CRS N4OR087B

WO:3000 NEXAIR N6ZIN

Altimeter Correction Card							
Altimeter:	Co Pilot Mag	SN: NA					
ALT	Error J	ALT	Error				
-1000	+10	14000	4.10				
0	+10	16000	410				
500	+10	18000	4/0				
1000	+10	20000	+10				
1500	1+10	22000	+10				
2000	+10	25000	+10				
3000	+10	30000	+10				
4000	+10	35000	+10				
6000	1-10	40000					
8000	1+10	45000					
10000	+10	50000					
12000	410	55000					
Barometric	: InHg: 29,92	Test Date:	01/18/16				
Tested By: _	DM	CRS N4O	R087B				

Mansfield Airport 265 Fruit St Mansfield MA 02048

				All se		3.				
R	TOTAL	<b>Current Weigh</b>	Current Weight and Balance Information							
E	TIME IN SERVICE	Empty Weight	Empty CG	Useful Load	Remarks					
7	The second secon		Shoreline	Shoreline Aviati	stain too					
		) <u> </u>	AVIATION			- 15				
				Marshfield Municip George Harlow Fie 93 Old Colony Lan Marshfield, MA 020	eid (GHG) ne	4 17 17 17 18				
	5/31/2016	6 N621N	PA46-50	00TP s/n 4697177	Aircraft Logbook					
		ours: 2265.3 :: Aircraft		OIF SILTOUTITE	All clair Loybook					
1	1			0360-26 s/n 577. See	e FAA form 8130-3 for more info.					
	2) Installe	led inspected Flow sens			FAA form 8130-3 for more info.					
	18	tional check OK re work was completed	in accordance with	current regulations of	f the Frederal Aviation Administration					
J.		proved for return to ser			the Vederal Aviation Administration					
1			Signed	Jers						
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NGDIN ACT 2265.3 3. Form Tracking Number: 1. Approving Civil Aviation AUTHORIZED RELEASE CERTIFICATE Authority/Country: WW142022 **FAA/UNITED STATES** FAA Form 8130-3, AIRWORTHINESS APPROVAL TAG 5. Work Order/Contract/ 4. Organization Name and Address: **Invoice Number:** ENVIRO SYSTEMS, INC., 12037 N. HWY. 99, SEMINOLE, OK. 74868 (BD2R712K) WW142022 Status/Work: 10. Serial Number: 11. 9. Quantity: Part Number: Description: 6. Item: | 7. 8. INSPECTED 577 1300360-26 1 EA MASS FLOW CONTROLLER 12. Remarks: Customer Part ID: 686-223 Inspected in accordance with Enviro Systems, Inc., Technical Design Data for the part noted in Block 8, Revision Letter -Document used to comply with CFR Section 43.9 is noted in Block 5. Work noted in Block 11 is in accordance with Enviro Systems Inc. Manufacturing Standards. Enviro Systems, Inc., certifies that the work specified in Block 11 / 12 was carried out in accordance with EASA Part-145 and with respect to that work, the aircraft component is considered ready for release to service under EASA Acceptance Certificate No. EASA.145.4428. 14a. X 14 CFR 43.9 Return to Service X Other regulation specified in Block 12 13a. Certifies the items identified above were manufactured in conformity to: Certifies that unless otherwise specified in block 12, the work identified in Block 11 Approved design data and are in a condition for safe operation. and described in Block 12 was accomplished in accordance with Title 14, Code of Federal Regulations, part 43 and in respect to that work, the items are approved for Non-approved design data specified in Block 12. return to service. 14c. Approval/Certification No.: 13c. Approval/Authorization No.: 14b. Authorized Signature: 13b. Authorized Signature: **BD2R712K** 14d. Name (Typed or Printed): 14e. Date (dd/mmm/yyyy): 13e. Date (dd/mmm/yyyy): 13d. Name (Typed or Printed): 09/Dec/2015 Jason Blanton

#### User/Installer Responsibilities

It is important to understand that the existence of this document alone does not automatically constitute authority to install the aircraft engine/propeller/article.

Where the user/installer performs work in accordance with the national regulations of an airworthiness authority different than the airworthiness authority of the country specified in Block 1, it is essential that the user/installer ensures that his/her airworthiness authority accepts aircraft engine(s)/propeller(s)/article(s) from the airworthiness authority of the country specified in Block 1.

Statements in Blocks 13a and 14a do not constitute installation certification. In all cases, aircraft maintenance records must contain an installation certification issued in

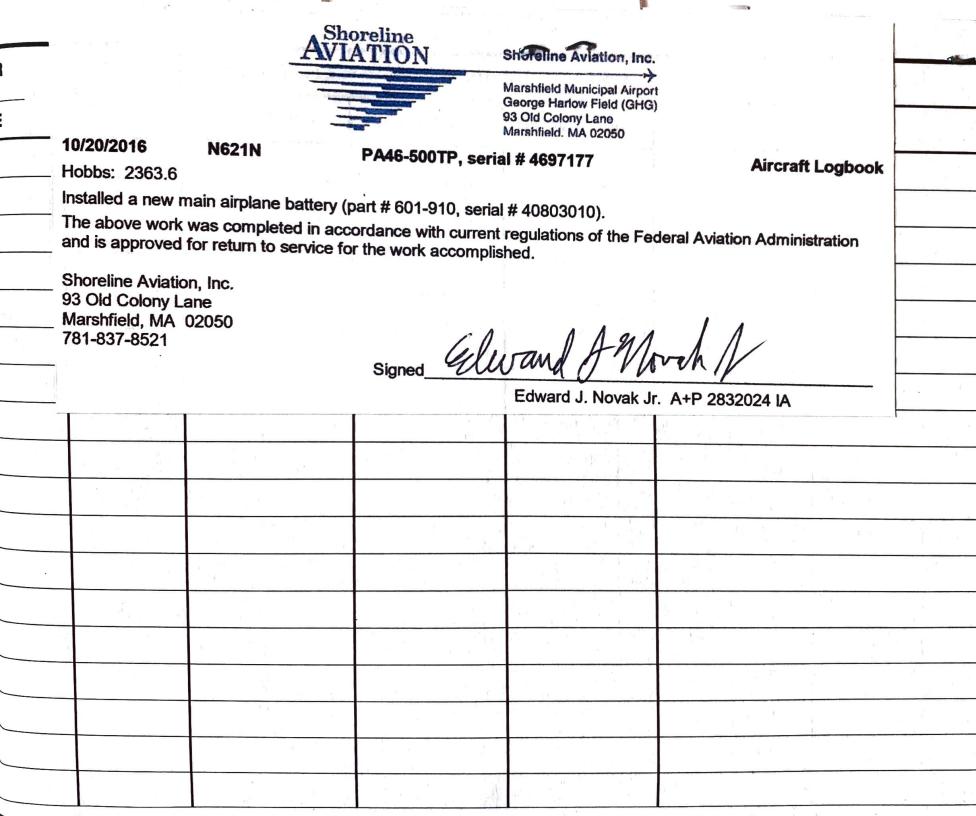
FAA Form 8130-3 (02-14)

NSN: 0052-00-012-900!

1621N ACT 2265,3

1. Appı	roving Civil Aviation	2.		11		T. A. S.	3. For	m Tracking Number:
	Authority/Country: UNITED STATES					TIFICATE		WW129904
4. Organ	nization Name and Address	ess:		30-3, AIRWORTH LE, OK. 74868 (BI		L TAG		rk Order/Contract/ voice Number: WW129904
6. Item:	7. Descrip	tion:	8.	Part Number:	9. Quantity:	10. Serial Number:	11.	Status/Work:
1	FLOW SEN	SOR ASSY	1	300464-12	1 EA	498		INSPECTED
Enviro work, t 13a. Cer	noted in Block 11 is in acc Systems, Inc., certifies the he aircraft component is tifies the items identified pproved design data and on-approved design data	nat the work specified in considered ready for ready for readowe were manufactured are in a condition for s	Block 11 / 12 velease to service red in conform	was carried out in accore under EASA Acceptantity to:  14a.   Certiand de Feder	tee Certificate No. EA  14 CFR 43.9 Return the fies that unless otherwisescribed in Block 12 views.	6537	ilation sp ne work i lance wit	h Title 14, Code of
13b. Authorized Signature: 13c. Approval/Authorizat			thorized Signature:		4c. Appro	oval/Certification No.: BD2R712K		
13d. Nai	me (Typed or Printed):	13e. Date	(dd/mmm/yyyy	); 14d. Nar	ne (Typed or Printed)  Jason Blar		4e. Date (dd/mmm/yyyy): 30/Dec/2014	
				User/Installer Resp	onsibilities		R T	
Where t	the user/installer perform	s work in accordance w I that the user/installer (	ith the nationa	l regulations of an airw	orthiness authority di	install the aircraft engine ifferent than the airworthi engine(s)/propeller(s)/art	ness auth	ority of the country

Statements in Blocks 13a and 14a do not constitute installation certification. In all cases, aircraft maintenance records must contain an installation certification issued in



	Carrier Contract			-1	And the second second	•	della		
	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	Entries mus	ion of Inspections, Te st be endorsed with Name, or Repair Facility. ( <i>See</i> bac	Rating and Certificate N	umbe		
	1			oreline ATION	Shoreline Aviation, Inc.				
- Commission					Marshfield Municipal Airport George Harlow Field (GHG) 93 Old Colony Lane Marshfield. MA 02050				
	1/25/2017	N621	IN	PA46-500TP,	serial # 4697177	Aircraft Logbook	T DRA		
					ngine TT: 2352.4 :: #1 Propello	er TT: 2352.4 ::			
	Completed a the maint. ma	_		rdance with FAR	2 43, app. D using Piper forms	for Events #1 & #2 from			
	1) C/W FAR	91.207(d)	on the ELT ar	nd noted no defe	ects - next due 01/18. ELT batt	tery is due 09/18.			
	<ol> <li>Complete main battery check.</li> </ol>	d the follow capacity ch	ving Piper recently gyrneck, Stby gyr	ommended Spe o battery capac	cial Inspection items: 30 day, sity check and 300 hr starter/ge	90 day, 6 month, 1 year, nerator brush wear			
ſ,	3) C/W Pipe was normal.	r SB 1296 l	by completing	a functional che	eck of the engine manual overr	ride system - operation	- 44		
	4) C/W Piper	r SB 1291 k	by R+R of the	cabin table place	cards per kit p/n 88581-701 ins	tructions.			
4	<ul> <li>the revision inserted per SB instructions.</li> <li>6) C/W Piper Service Letters 1131 (lube of aileron wing quadrant bearing) &amp; 1135 (cables and pulleys</li> </ul>								
	<ul><li>inspection).</li><li>7) R+R beta block with a new unit (part # CA3026).</li></ul>								
1	<ul> <li>8) R+R oil cooler air deflector plate with a new unit (part # 102611-002).</li> <li>9) R+R two cowl latch instructions placards with new ones (part # 656-384) &amp; R+R two belly drain placards</li> </ul>								
-	<ol><li>9) R+R two c with new units</li></ol>			icards with new	ones (part # 656-364) & R+R	two belly drain placatus			
_	Page -	-1 of2	Pages Da	ite: 1/25/2017	Aircraft #: N621N Aircraft	Logbook			
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-1									
+									

		1
RE	Page2 of2 Pages Date: 1/25/2017 Aircraft #: N621N Aircraft Logbook	oration
TAC:		erations
<b>FIN</b>	10) R+R air conditioning control module with a new unit (part # 102227-007).	umber of
-	11) Serviced all three struts with fluid and nitrogen to maintenance manual settings. R+R both main tires with new Michelin Air 6.00x6 8pr tires.	c entries.
	12) Cleaned all connecctors in the RH wing for the fuel quantity system and installed a new RH fuel cap	
	barryara (part # 191327 300-3).	
	13) R+R pilot's windshield with a new unit (part # 494-782 serial # 15230H2483)	
	14) C/VV Filed Service Letter 1069 by checking the flight control cable terminal ends for corresion with a	
	iox magniner - no delects were noted.	
- 4	15) R+R RH aft facing seat gas cylinder with a new unit (part # 687-900).	
7	16) R+R gear extend hose at the powerpack using new 111-5 Stratoflex hose material - existing hose end fittings were reused. Leak check OK.	
)	17) Retorqued bolt used to attach the horizontal stab.	7. "
	18) R+R forward cable for the lower cabin door with a new unit (part # 89630-004).	
- 1	I certify that this Airframe has been inspected in accordance with an annual inspection and was determined	_
	to be in an airworthy condition.	a
-	Signed	
		4
	John-E. Sheehan A+P 3439269 IA	
		1. 4. 4
	Shows it was	1
	AVIATION Shoreline Aviation, Inc.	
	Marshfield Municipal Airport	
	George Harlow Field (GHG) 93 Old Colony Lane	
	Marshfield. MA 02050	
5/	12/2017 N621N PA46-500TP, serial # 4697177 Aircraft Logbook	
Н	obbs Hours: 2388.2	
		1
2)	R+R #1 (LH) pitot heat timer with a new unit (p/n 691-419) per Piper SSL 464 - function check OK. C/W Piper Service Letter 1158 by installing new main wheel cover kit part # 551-621.	
Th	ne above work was completed in accordance with current regulations of the Federal Aviation	3
Ac	dministration and is approved for return to service for the work accomplished.	
	Signed Edward & Movel 1	
	Edward J. Novak Jr. A+P 2832024 IA	



Shoreline Aviation, Inc.

Marshfield Municipal Airport George Harlow Field (GHG) 93 Old Colony Lane Marshfield, MA 02050

2/7/2018

N621N

PA46-500TP, serial # 4697177

Aircraft Logbook

Hobbs Hours: 2478.3 :: Aircraft TT: 2478.3 :: #1 Engine TT: 2478.3 :: Prop. TT: 2478.3 :: Prop.

TSMOH: 550.0

Completed annual inspection in accordance with FAR 43, app. D using Piper forms for Events #1 & #2 from the maint, manual as a guide.

1) C/W FAR 91.207(d) on the ELT and noted no defects - next due 02/19. ELT battery is due 09/18.

2) Completed the following Piper recommended Special Inspection items: 50 hr., 30 day, 90 day, 6 month, 1 year, main battery capacity check, standby gyro battery capacity check and 500 hr./2 yr. Fuel tank screens check.

3) C/W Piper Service Letters 1131 (lube of aileron wing quadrant bearing) & 1135 (cables and pulleys inspection).

4) C/W Piper Service Letter 1202 by installing 4 new main gear actuator hoses (part # 187-273).

5) C/W Piper Service Bulletin 1306 on the wing rib for cracks and found none. Installed Piper "no cracks" kit part # 88609-002).

6) C/W Piper Service bulletin 1290B on the inboard flap rib rivets and found no defects - next due at 2578.3.

7) Replaced existing radar unit with a "modified" unit from Honeywell (part # 071-01550-0201, serial # ART2100-M15430).

8) Cleaned connectors and terminals on all of the RH fuel quatity sensor probes. Calibrated LH and RH fuel quantity indicating system.

9) R+R LH tire inner tube with a new Micheling inner tube (part # 092-500-0).

10) R+R 3 belly "Drain" decals and the 3 LH fuel sump decals with new placards.

11) Repaired samll cut holes in the cabin door seal using RTV157 gray sealant.

12) R+R all brake pads with new units (part # 062-06200).

13) R+R one engine fire loop support clip at the 12 o'clock position of the LH tail pipe with a new unit (part # 102636-002).

Edward J. Novak Jr. A+P 2832024 IA

1. Approving Civil Aviation 2. 3. Form Tracking Number: Authority/Country: **AUTHORIZED RELEASE CERTIFICATE** 20170003896387Y15 330243273 FAA/United States FAA Form 8130-3, AIRWORTHINESS APPROVAL TAG 4. Organization Name and Address: Honeywell International Inc. Work Order/Contract/Invoice Number: Repair Station 23500 W 105th Street 7948112 PR2R093L Olathe KS 66061 330243272 Page 1 of 1 6.Item: 7. Description: 8. Part Number: 10. Serial Number: 11. Status / Work: 9. Quantity: FINAL ASSY ART 2100 071-01550-0201 ART2100-M15430 MODIFIED 12. Remarks: THE SERVICE SPECIFIED HAS BEEN ACCOMPLISHED IN ACCORDANCE WITH: CMM 34-40-11 Rev 4, JAN/03/2012 CMM 34-40-12 Rev 3, NOV/07/2016 SB ART 2000-34-18 Rev 0, JUL/26/2016 HH.DD (HH:MM) TSR 0.00 (0:00)CSR 0.00 MODS: 1-10 SW VERS: 01/05 SEE ATTACHED DOCUMENTS AS APPLICABLE FOR WORK PERFORMED CERTIFIES THAT THE WORK SPECIFIED IN BLOCK 11/12 WAS CARRIED OUT IN ACCORDANCE WITH EASA PART 145 AND IN RESPECT TO THAT WORK THE COMPONENT IS CONSIDERED READY FOR RELEASE TO SERVICE UNDER EASA PART 145 APPROVAL NO. EASA 145,4140

13a. Certifies the items identified above were manuful.  Approved design data and are in a company of the compa	ondition for safe operation. in Block 12.	Regulations, part 43 and in respect to that	Other regulation specified in Block 12  Block 12, the work identified in Block 11 and n accordance with Title 14, Code of Federal work, the items are approved for return to service.
13b. Authorized Signature:	13c. Approval/Authorization No.:	14b. Authorized Signature:	14c. Approval/Certificate No.: PR2R093L
13d. Name (Typed or Printed):	13e. Date(dd/mmm/yyyy):	14d. Name (Typed or Printed): Scott Virgin	14e. Date(dd/mmm/yyyy): 09/NOV/2017

User / Installer Responsibilities

It is important to understand that the existence of this document alone does not automatically constitute authority to install the aircraft engine/propeller/article. Where the user/installer performs work in airworthiness authority accepts aircraft engine(s)/propeller(s)/article(s) from the airworthiness authority of the country specified in Block1, it is essential that the user/installer ensures that his/her certification. In all cases, aircraft maintenance records must contain an installation certification issued in accordance with the national regulations by the user/installer before the aircraft may be flown. FAA FORM 8130 - 3 (02-14)

NSN: 0052 - 00 - 012 - 9005

# Honeywell

# **SERVICE REPORT**

## **ERB** Olathe

Aerospace-Olathe Honeywell International Inc. 23500 W 105th Street Olathe KS 66061

SR NUMBER: 501160	<b>9246</b> 330243273		FAA: PR2R093L	EASA: EASA.145.4140
PO: 7948112	CUSTOMER PA	ART NUMBER:	CONTRACT NU	MBER:
DATE REJECTED: 16 MAR 2017	DATE RECEIVE 19 OCT 2017	ED:	DATE COMPLET 09 NOV 2017	TED:
A/C TYPE: UNK	A/C TAIL NUME	A/C TAIL NUMBER: A/C SERIAL NUMBER:		
PACKING STATUS: No	SEALS INTACT Seals Intact	1:	PHYSICAL DAM	IAGE:
REASON FOR REMOVAL: FAILURE	1.5			
			-	
	AS RECEIVED:	ASR	ELEASED:	
PART NUMBER	071-01519-0101		01550-0201	
DESCRIPTION:	FINAL ASSY ART2000		L ASSY ART 210	0
SERIAL NUMBER	ART2000-15430	The second secon	2100-M15430	
JID(MFR/SPL PNO SER/UCN)	22373 ART2000-15430		3 ART2000-1543	30
HW MOD STATUS:	1-13	1-10		
SW MOD STATUS:	N/A	N/A		
SOFTWARE LOAD:	01/09	01/05	5	
REASON FOR REMOVAL CONF	IRMED: Rejection Commed	ESTIN	MATE SUPPLIED: 1	VO
PRIMARY SHOP FINDING: Hard	ware Fault Found	WAR	RANTY:	
TYPE OF SERVICE: MODIFIED		TECH	INICIAN: Donovan	W Funk
MAINTENANCE STATEMENT: PAGE DETAILING WORK PE	RFORMED, ALONG WITH MATER	RIALS USED, IS ATTACHED IN P	AGE 2.	
SIGNATURE BELOW REQUIRED IN SIGNATURE OF AUTHORIZED IN		VICE IS NOT ISSUED: DATE		_
Complied With CMM/Eng Documentation: 34 Service Bulletins: ART 2000-3 Customer Manuals/Document	-40-11/Rev 4/Rev Date 03 JAN 34-18/Rev 0/Rev Date 26 JUL 2	I 2012; 34-40-12/Rev 3/Rev E 2016;	Date 07 NOV 2016	3;
SHOULD YOU REQUIRE ANY FURTH RESPONSE CENTER AT 1-800-601-3	HER INFORMATION REGARDING THIS 1099 OR VISIT OUR CUSTOMER PORT	S SERVICE REPORT, OR HAVE ANY	QUESTIONS, PLEASI	E CONTACT OUR CUSTOME

Honeywell

Aerospace-Olathe Honeywell International Inc. 23500 W 105th Street Olathe KS 66061

## **SERVICE REPORT**

**ERB Olathe** 

SR NUMBER: 5011609246		FAA: PR2R093L	EASA: EASA.145.4140
PO: 7948112	CUSTOMER PART NUMBER:	CONTRACT NUM	BER:

Previou	usly	Comp	lied	With

CMM/Eng Documentation:

Service Bulletins:

**Customer Manuals/Documentation:** 

## Work performed / Comments to Customer

Replaced receiver for failure. Installed SB ART 2000-34-18 for upgrade, Used Serial tag 057-05656-1002, PNR tag 057-05656-1004, Decals 057-05287-0105, 057-05335-0001, 057-05335-0005. Magnetron replacement part of mod. Repaired, Upgraded, Realigned, Final Test Passed. 9380.8 Mhz.

DISPOSITION	REF DSG	P/N Installed	S/N Installed	P/N Removed	S/N Removed	Qty	Primary Failure	SB
Replace	RECEIVER ASSY	200-05553-		200-05553- 0001		1		
Replace	SB-18	122-01418- 0105		122-01418- 0105		1	-	
Replace	MAGNETRON	050-03420- 0000	KR11092017 A	021-00127- 0001	KR11092017A	1		et:

MEASUREMENT DESCRIPTION	MEAS. VALUE (DECIMAL)	MEAS. VALUE (HH:MM)
Time Since Repair		0:00
Cycles Since Repair		

RTS TECHNICIAN SU DATE 11-9-17

LOG ID# 1086	ics LLC 24 6 05-Febru 1 4697177	ary-2018 W	EADOW ROAD GATE 6, HANGAR SW-1 PLYMOUTH, MA 02360 VO# 4162 HOBBS 2478.3 PA46-500TP Pg 1	/1
THE ADC # 1 PATESTED AND FOLITO 35,000FT.	/n:37002-01 JND TO BE 1	-02 S/N:M011 N COMPLIANCE	1645 PITOT, STATIC AND ALTITUDE REPORTING SYSTEMS HAVE BEEN E WITH FAR43, APPENDIX E AND F, AS REQUIRED BY FAR 91.411. TESTED	,
THE ADC # 2 P/ TESTED AND FOU TO 35,000FT.	/N:37002-01 JND TO BE I	-02 S/N:M012 N COMPLIANCE	2705 PITOT, STATIC AND ALTITUDE REPORTING SYSTEMS HAVE BEEN E WITH FAR43, APPENDIX E AND F, AS REQUIRED BY FAR 91.411. TESTED	
HE STAND-BY A SEEN TESTED AN ESTED TO 35,0	ID FOUND TO	/N:16540-114 BE IN COMPL	47 S/N:1670401, PITOT, STATIC AND ALTITUDE REPORTING SYSTEMS HAVE LIANCE WITH FAR43, APPENDIX E AND F, AS REQUIRED BY FAR 91.411.	-
HE ATC TRANSP N:84108871 HA 1.413.	ONDER # 1   S BEEN TES	PN:010-00230- FED AND FOUND	0-62 SN:84108797 AND ATC TRANSPONDER # 2 PN:011-00455-00 ND TO BE IN COMPLIANCE WITH FAR43, APPENDIX F, AS REQUIRED BY FAR	
OTE: WORK ORD	ER 4162 ON	FILE.		
HE ABOVE WORK DMINISTRATION	WAS COMPLE AND IS APP	TED IN ACCOR PROVED FOR RE	RDANCE WITH THE CURRENT REGULATIONS OF THE FEDERAL AVIATION SETURN TO SERVICE FOR THE WORK ACCOMPLISHED.	
ÖRO\$7B BENJA	MIN SCHULŤ	Z		
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a e				
	1			AT.
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T



	<b>Altimeter Corr</b>	ection Car	d
Altimeter:	16540-1147	SN: 17	6401
ALT	Error	ALT	Error
-1000	+15	14000	-30
0	-15	16000	-20
500	-70	18000	-50
1000	-20	20000	- 46
1500	-10	22000	- 60
2000	-20	25000	-80
3000	-20	30000	-60
4000	-25	35000	+20
6000	-10	40000	
8000	-20	45000	
10000	-20	50000	
12000	-70	55000	1
Barometrio	InHg: 24.42	Test Date	2/5/18

Tested By: \_\_\_\_\_\_ CRS N4OR087B

Mansfield Airport 265 Fruit St Mansfield MA 02048



	Altimeter Corr	ection Card	
Altimeter:	37002-01-02	SN: Mol	1645
ALT	Error	ALT	Error
-1000	+10	14000	450
0	+5	16000	0
500	05	18000	0
1000	115	20000	0
1500	15	22000	-5
2000	15	25000	-5
3000	15	30000	-70
4000	+5	35000	-30
6000	+5	40000	
8000	+5	45000	
10000	.6	50000	
12000	-5	55000	March 1
	InHg: 29.92	Test Date:	2/5/18

Mansfield Airport 265 Fruit St Mansfield MA 02048

Tested By: 6.

CRS N4OR087B

NE AIR AVIONICS

Altimeter:	37062-01-62	SN: MOI	2705
ALT	Error	ALT	Erro
-1000	415	14000	176
0	+10	16000	+20
500	715	18000	+20
1000	+15	20000	+10
1500	110	22000	120
2000	+ 10	25000	125
3000	+15	30000	125
4000	+15	35000	125
6000	+15	40000	
8000	715	45000	1, 1
10000	420	50000	3
12000	220	55000	Mark Comment
PROF SERVICE DE LA COLONIA	c InHg: 29,91	Test Date	: 2/5/18

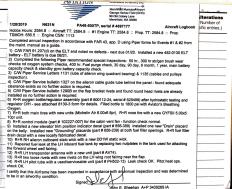
Tested By: 6. Solution CRS N4OR087B

Mansfield Airport 265 Fruit St Mansfield MA 02048



Edward J. Novak Jr. A+P 2832024 IA

Aircraft Logbook



Autho	gChilAristian myCountry sited States		RIZED RELE			3. Fees Tracking Number 6209091	
4 Onesigni	a Name and Address	Tex	n Aviation Inc. (P tron Aviation Inc. Blvd, Wichita, KS			Number:	139029
20	7. Description TIRE 5.002 FSII	(5 10PLY	505C01-2	1. Quantity:	31. Serial Number: 8027224	-	New
<b>⊠</b> App	s for home identified sh on all design data and a generated design data	er in a condition for to	I in conformity to:		Street in Berner 13 (No elect offerwise proceed in 15 of in Black 13 the accomplete		ed Seed in March 12
	Ly Male	olm	Dr. Approval Audi	contration No.:	16 Address Suprem	In Appro	ar salt ee N
	Typel or Prised: DY MALCOL	м	13e Date (All remon 11/Jur		tas Nure (Typus of Primary	(de Dear	dd assemijyyyf
1000		100	User/Installer Re		1.00		
Where the se in Block I, is country speci	orientally perference in expensed that the one field in Block I.	ok is accordance with classifier concern that	most along does not subventicall the national regulations of an at- hinter sinverthiness authority a sine, contification. In all cases, sin- er before the alonalit may be flor	worthisms authorit cospis sixraft engin	different than the air-working sold/peopelistic/testeletia fina	re milweity of a the sirvethi	the country specifi was authority of th

FAA Form \$126-3 (\$0-14)



Antesti Compilante Para 17 / 58736 / NKE / N / B Certificat Libératoire Autorisé FASA FORM 1 FRANCE Formulaire 1 de l'EASA Organisation Name and Address MICHELIN - LPAY Manuel Adresse de l'Organisme : Olympides Common Distance 7181800047 ASSAULCE ERMONTLEERRAND CEDEX 9 n Part No. I nº de aléce 9 Oty/OH 11 Status / Work / Flat / Transacy 7181500047 NAZIN 1/25/19 N/A as discussed has been immed promotion to an assessmell computer generated plomature procedure. Ce document a été éxis solon une procédure approuvée de signature electrorique Name(s): ETSOC62, TSOC62 Novinega: In 1900,002, 1500,002 ETTSC/CE2 Approval Number: EASA 210,946, TSC/CE2 LODA Married Number: TF/orth/14/2008-427 No. | Per 145 A TO Release to Service C) Other regulation desirted in block 12 13a Certifies that the items identified above were manufactured in conformity to Autre réglecrientation précisée en cese 12 Centille que les éléctions à la les cous de des fabriques confermes Assemblation pour mentre en negrine the appropriate deploys rights and are in a condition for well reproduce Contilion that unless otherwise specified in block 12, the work identified in block 11 and depretued in block données de conversion assercanées et sont en etet de functionner en toda 12, virg ecomplished is accordance with Part 145 and in project to that work the items are resembled non-accepted design data specified in block 12 disorder de conception nos approuvées spécifiées dans la case 12 Curitie man most budicables contraine apicifitie of cone 12, ins travaux identifitie on cone 11 of contra que, seus remedian contrate specime en case re, seu nariona delibera en case ri en decrito en case 12 ant été réalizés conforménaire à la partie 145 et qu'eu viz de ces travaix, les sinces sont constitutes pritty à la remise en carrice. 17c Assessed Subprinted Window 13b. Authorised Signature Signature autorizée Number of parters shift a tarbuctor Signature autorisée FR 21G 010 SOMJANUSK MAKPUT 134. Date (66 minute gyyy) / Onto (5) minute (appeal) S&4 Name / Nove 14s. Date (66 mmm yyrn) Date-() mmm oses) 12d. Name / Name CA MOUND OF 07 Jul 2017 Authorized PROPERTY OF THE PROPERTY OF TH The configure does not enterprisely constitute authority to install the Benis). Conference on constitue per furcionest l'association d'installer l'éco hamité Where the specification performs work in accordance with regulations of an alternithness eathorty different than the alreaditions authority specified in block 1 it is essential that the assentiation crowns that higher alreaditions viewer use upstanding performs were in manufactor with requisition of an authority occepts been from the abundances entherity specified in block I authority orients some from the adventurence morney whether in more i.

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AUTHORISED RELEASE CERTIFICATE

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#### MATERIAL CERTIFICATION

NEXINA 1

AND

PART DESC: TUBE, PITOT	44		CUSTOMER POP:	09248
PART NUMBER: PH502-13	SERIAL			QUANTITY: 1
THE UNDERSIGNED HEREBY CE	RTIFIES THE ABOV	E MATERIA	ACCOMPANIED	BY THIS CERTIFICATION
IS IN AS REMOVED	//	ONDITION	AND WAS ORIGIT	NALLY MANUFACTURED
BY AERO INSTRUMENTS	100	ORO	NE OF THEIR AUT	HORIZED LICENSEES.
DOCUMENTS VEHICLE.				
DOCUMENTS VILLED. THE MATERIAL LISTED ABOVE I	S TRACEABLE BACK			DE:
DOCUMENTS VEHICLE.	S TRACEABLE BACK		LLOWING SOURCE	DE:
DOCUMENTS VI. FED. THE MATERIAL LITTED ABOVE I AIRCRAFT: PRESTURINEME	S TRACEABLE BACK		LLOWING SOURCE	DE: 500T
THE MATERIAL LETED ABOVE I AMERAFT: PRETURBINE ME AMERAFT STATE NUMBER: 460	S TRACEABLE BACK		LLOWING SOURCE	DE: 500T
DOCUMENTS VI FED. THE MATERIAL LETED ABOVE I MICHAEL: PRE-ETUREME ME AUGUST STRIP, NUMBER - 400 AUGUST TOTAL TIME AT REMOTE	S TRACEABLE BACK		LLOWING SOURCE	DE: 500T
N/A	S TRACEABLE BACK		LLOWING SOURCE	DE: 500T
DOCUMENTS VI EO. THE MATERIAL IL STED ABOVE I AMCRAFT; PRIESTUREME ME AMCRAFT STATA NUMBER 400 AMCRAFT TOTAL TIME AT REMOTA	S TRACEABLE BACK		LLOWING SOURCE	DE: 500T
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LOGBOOKS AND ORGANAL DOCUMENTATION ARE ON FILE AT ALLIANCE AIR PARTS, INC., 11700 S. MERIDIAN AVE., OKLAHOMA CITY, OKLAHOMA 73173. TELEPHONE: 495-548-2503 FAX: 405-548-2510



		W. A.	- 1	
Airline Acce	ssory Service Co	., LLC	Work Order / Teardown Report	135U002
55 Putnam Ave lamden, CT 06	e17 LISA		Date	1/16/19
lamden, C1 06: AA Repair Stat	10 LOKR782Y		Customer	Shoreline Aviation
AA Repair our	6 Fax: 203-773-1888	100	Customer P.O.	09222
th: 203-773-180 thoreline Aviation	Inc. 9	1	Customer Contact	Ed Novak
Shoreline Aviation old Colony Lane	, mc.		Manufacturer	Scott
Aarshfield, MA 02	1050		Received By	JG
h: 781-834-4928	1		Cust. Tag Attached	Yes
ax: 781-837-510	3		Terms	Net 30
	Part Number	T Comp	onent Description	Serial Number
Quantity	1/4			ST 59086
1	800112-24	O2 Cylinder a	and Regulator Assembly	81 99000
Receiving Insp	ection Remarks (Including	preliminary findings.)	for overhaul	
Regulator Asse	embly P/N 800114-12 S/	N 10839	177076,1817	
	-	THE CO.	Date (1)	6/19
Inspector _	pection Remarks			-
. Ro 30	eplacement Cylinder DOT equiator assembly installe 0 psi of aviator breathing of seembly S/N changed to	3AA100, S/N 52541 d IAW CMM spece. xygen for shipping. 625499.	nunctionally tested IAW OM pp hydroesalo retest due Jan Cylinder and regulator asse med in overhauled condition	uery 2024. mbly serviced with
OHM / CMM Revision Pages Date	December 10, 2010		Other Data (SB's, SIL's, Ope AO's Applicable / Incorporate No. 2 ls	d During This Shop Visit
Inspector	and the way cards prescribed wi	this report grants AASCO	authority to dispose of the as removed	l Barra Into our weste stream.
Sam: ADDI	Rev:3 Deax 9/7/2018			
Form: RD1	HOMA 2 DEST. W			

NexAir A LOG IDA N621N	1569 18-Ja	nuary-2019 WO#	DÓW ROAD GATE 6, HANGAR SW-1 PLYMOUTH, MA 02360 15532 AC TT 2584.8 HOBBS 2584.8 46-500TP PE	1
REV A DA	FED OCTOBER	VERSION 2.20 TO 11, 2018.	2 SN:1ZAD16269 MAIN SOFTMARE FROM VERSION 6.11 TO VERSION 6. VERSION 2.301M ACCORDANCE WITH GARMIN SERVICE BULLETIN 1876	
MANUAL PI	4: 006-10608-	0014 REV 14 DATE		
CHANGED (	CONFIGURATION	IN ART 2100 CON	FIURATION MODULE IN ACCORDANCE WITH THE HONEYMELL SYSTEM IAL PN:066-05390-0001 REV 1 DATED JUNE 2000.	
IS AT 8.0	2 AND CURREN		SN: 84188797 TO ALLOW ADS-8 1090 AND 978 NHZ IN. TRANSPONDI 4. CHANGED CONFIGURATION OF THE GTX330ES TO ALLOW FLIGHT IN ONE IN ACCORDANCE WITH GARMIN GTX 3XX INSTALLATION MANAUAL 28, 2018.	R
0	*			
N4OR087	B DAVID FET	HERSTON		
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FAA/I	utherity/Country: UNITED STATES			LEASE CER		E wwiss199
	ization Name and Address O SYSTEMS, INC.,	881	99, SEMINOLE, OK. 7	V.		5. Work Order/Contract/ Invoice Number: WW185199
Item:	7. Descrip	dica:	8 Part Numb	er: 9. Quantity:	10. Serial Number:	11. Status/Work:
1	FLOW CONTROL V	ULVE ASSEMBLY	1300490-21	1EA	160	INSPECTED
Wark o Eaviro wark, t	Systems, Inc., certifies the the aircraft component is	cordance with Eaviro nat the work specified considered ready for	Systems Inc. Manufacturing in Black 11 / 12 was carried release to service under EAS	out in accordance with EASA Par A Acceptance Certificate No . EA	SA.145.4428.	o that
-	rufies the Hems identified Approved design data and Non-approved design data	are is a condition for	safesperation.	and described in Block 12 v	rise specified in block 12, ras accomplished in accor	palation specified in Block 12 the work identified in Block 11 rdance with Title 14, Code of verk, the items are approved for
3h Au	therized Signature:	13c. Ap	organi Matheritation No.:	14b. Authorized Signature:	Z	BD2R712K
3d. Na	me (Typed or Printed):	13e, Da	e (6d/mem/yyyy)c	144. Name (Typed or Printed):		lde. Date (dd/mmm/yyyy):

Emperature Supposabilities in superior to understand that the entirestee of this decrease, state of our streambility contribute attactor, to stand the attention specified with the entire of the feeting and the entire of the feeting and the entire of the

FAA Form 8130-3 (02-14)

1. Announcing Civil Asiation

3 Form Tracking Number:



### PRODUCT REPAIR FORM

Repair Station BD2R712P Date Received: 12/30/2030

Customer Name: SHORELINE AVIATION

Customer PO No: 09270 Sales Order No: 977138

Enviro Part No: 1300490-21 RTN Customer Part No:

Part Description: FLOW CONTROL VALVE ASSEMBLY

Work Order No: WW185199

Mfg Date/Serial No: MFD 52010 SN-160 RECEIVED AS 1000490-21 RTN

""CAPPS documentation exists for PN 1300490-21 RTN. Refer to PR-46 for details on use.""

Reason for Removal: UNIT SENT IN FOR RUSH REPAIR DUE TO CASIN BEINS TOO COLD.

Visual Condition as Received: INCOMINGRECEIVING INSPECTION; UNIT HAS MINGR PLATING DAMAGE.

Visual Condition as Received: INCOMMARGEDIVING INSPECTION, UNIT HAS MINOR PLATING DAMAGE.

Tear Down Analysis: PRELIMPARY INSPECTION, UNIT RETURNED FOR YUNT SENT IN FOR RUSH REPAIR DUE TO

ADMIN DENIST DIO COLD UNIT PROSENT PLAT FAVINGE.

Major Parts Re	placed:			CONTRACTOR OF STREET
Part No	Desc	cription		Qtx
Service to be i	erformed:	INSPECTED		
Evaluate	d By: 519	JOSHUA DELK	2/7/2019	
Work Perform	nd Par 474	CHANCE NELL	2/8/2019	



### MASS FLOW CONTROL VALVE ENVIRO P/N 1300490-21

UNIT PARA CAMPER	1300480.21	SERIAL NUMBER:	160
		ww185199	
TEST DATA			_
1. INSTALL VILVE ON TEST	STAND		⊠
2. CONNECT TEST FIXTURE	TO VALVE ACTUATOR		
3. PLACE TEST FORTURE IN	CLOSED POSITION		
6. INCREASE INLET TEST PE	RESSURE TO 40±10 PSIG		
6. ADJUST AND LOCK ACTU	ATOR PINTLE DRIVE SCREW.		
7. SET PRESSURE AT 100-15	50 PSIG		🛛
8. OPERATE VALVE THROUGH	3H A MINIMUM OF 2 CYCLES		
		1	120 mA
10. VERIFY WLVE IS IN MID	POSITION		🛭
11 REDUCE TEST PRESSU	E-T0/20#2 PSK5	-	- 8
12 BLDCK VENTURI OUTLE	т		
13. VERIFY LEAKAGE AT FL	NIGES USING SOAP SOLUTIO	N	
14. VERIFY CHICK VALVE C	RIENTATION		8
	TEST OPERATOR SIGNAT		lel 5 (%)
18. DATE: 2/8/2019	QUALITY SIGNATURE:	_( <u>{</u> })	

YEAR 20	RECORDING TORRISE TORRISE REPORTS  TACI Date: 6/20/2019; Arcraft NS21N; Type: PA46-500TP; SN: 4697177; Hobbs: 2610.50	:ate Number of specific entries.)
DATE	Aircraft Total Time: 2610.5	specific analogy
	Removed Pratt & Whitney Canada PT6A-42A engine s/n PCE-RM0187 from aircraft by disconecting electrical, mechanical, fuel, oil, and pneumatic lines as required. Note: propeller was not removed from the engine.	
	Removed the nose landing gear leg part number 89786-004 s/n not visible, nose landing gear actuator p/n 106877-003 s/n 0484, and engine mount p/n 102460-036 s/n not visible.	
	Transfered the engine air box components over to the new engine mount p/n 102460-036 s/n M0061865. In installed new mount on aircraft using new bolts p/n 401-418 (ANS-32A) and p/n 401-403 (ANS-32A) in the lower mounting positions.	
	Note: Lower engine mount bolts are due for replacement in 7500 hrs time in service at hobbs time of 10110.5. The upper bolts were reused. All engine mount bolts were torqued to 260 in/lb.	
	Installed new nose gear assembly p/n 89786-004 s/n 01041905659001 using new attaching hardware and bipthening IAW chapter 32-20-00 para B of the Piper Altcraft PA-46-500TP, Malbu Meridian Maintenance Manual.	
	Installed new nose landing gear actuator assembly p/n 106877-005 s/n FAH1462 and down spring components p/n 104723-003 & 104723-002 IAW chapter 32-20-00 paragraph B using all new hardw	
	Removed the LoPresti "Boom Beam" taxi light from the old nose gear leg and installed on the new nose landing gear leg. Transfered the nose gear squat switch to the new nose gear	

RECORDING TACH	TODAY'S FLIGHT	TOTAL TIME IN	Description of Inspections, Tests, Repairs an Entries must be endorsed with Name. Rating and Certific	ate Number
TIME	FLIGHT	I TIME IN	Elities illust de elitorsed with realite, ridand and over	pecific entric
asse asse	mbly and se	cured using r	new cotter pins as required.	
		nose gear di ar sequencing	oor springs to the new engine mount along y valve.	
in a	ne PT6A-42 serviceable o 0-00 figure 2	condition and	M0187 was reinstalled. Note the rubber mounts were found to be were not replaced. The hardware was torqued and safetied IAW	
Rec to re	onnected the move the en	electrical, m gine.	echanical, fuel, oil, and pneumatic lines previously disconnected	
Rep	aced 1 p/n 5	62-003 bleed	air gasket and torqued the V-band clamp to 35 in/lb.	
071-	oved the no 311-0 s/n 83 inflated tire t	42S00092 ar	5C01-2 s/n 80272249 and old tube. Installed new tire p/n nd tube p/n 302-013-400. Torqued the wheel hardware to 90 in/lb	
Rein	stalled the n	ose wheel an	d safetied using a new cotter pin.	
Set 1 36-D	he nose land -2844 last ca	Sing gear rake elibrated 07/1	e angle to +0.5 degrees using a universal propeller protractor p/n 3/18 next calibration due 7/13/19.	
Set o	dearance be of .040.	tween nose g	ear steering arm and nose gear steering rollers to .020 each for a	-
The	aircraft was j	acked for lan	ding gear retraction tests. 4 retractions without issues were extension with no defects noted.	
	1			

R	The nose gear squat switch was rigged IAW chapter 32-60-00 (4) (8) and safetied.  1 Engine controls have been checked for travel and function a "pre" engine run leak check of the 1 fuel system was complied with and no defects were noted.	and Alterations tificate Number of er specific entries.)
	The engine has been run up for leak check and function check with no defects noted.	
	Three Wing Aviation Group, LLC 400 Great Meadow Rd Stratford, CT 06615	
	This aircraft, airframe, engine or appliance identified was repaired and inspected in accordance with current regulations of the FAA and is approved for return to service. Shop Order MA-19-4498.	
	Kyle S. Bork A&P IA 3492553 date	
7	Kyle S. Bork A&P IA 3492553 date	
	¥	
-1		
$\vdash$		
!		



Habbs Moure: 2840.2 R+R #2 ADAHRS with a used/serviceable unit (part # 37002-01-02, serial # M007987). Leak check pitot

and static systems per FAR91.411 OK. Complated magnetometer calibration for both ADAHRS units with selfefactory require Added 1 lb. 3 oz. of R134 refrigerant to the air conditioning system.

The above work was completed in accordance with current regulations of the Federal Aviation Administration and is approved for return to service for the work accomplished

93 Old Colony Lane Marshfield MA 02050

9/94/9049

Signed Schward & Worth of

## **RETURN TO SERVICE**

Part Number: 37002-61-62 Description: ADAHRS

Serial Number: Mgg 7967 Manufacturer: Mssourt Avenus This aircraft and/or component identified above was repaired & inspected in accordance with Federal Aviation Regulations and was found airworthy and

is approved for return to service. Pertinent details of the work performed are on file at this repair station. Work Order: № 2248

Date: 8/28/2014 Signature: < Tustolled in #2 position E) NevAir Associa OF NEXIVOU Blanks. 265 Fruit Street

Mansfield, MA 02048 FAA Renair Station #MACDORTO

Δlte

a Nice acific



JR I	— Page –2– of –2– Pages —	- Date: 7/3/2020 Aircraft #: N621N Aircraft Logbook	mber of
UTE .	<ol> <li>11) Removed and reinstalled all u refurbishment by Don's Custom Us</li> </ol>	tape on the RH flap with new 667 i-2 polyurethane tape.  pholstered components, seats and carpeting and reinstalled after pholstery in Wareham, MA. Removed existing fiberglass insulation and	: entries.)
	insulation are all in a separate envi fuselage inspection while all of the	materials. Material certifications for the uphoistery, seats, carpeting and elope placed with the aircraft records. Completed 2000 hr/7 year interior was removed. Repainted all interior plastic to match the new	
	<ol> <li>Weighed airplane with calibrat</li> <li>Installed a new Shadin "Sine I</li> </ol>	ame!" and 15003 "Phantom White" paint.  ted scales and placed the new weight and balance report in the POH.  Wave to Square Wave" (use flow signal converter (part # 631201, serial # el flow transducer and the existing Sandia ADC. Converter is mounted	
	near the ADC and the using for the the fuselage to the signal converte	or flow aligned in routed from the DAU connector down the DH side of ir. Configured existing GTN 750's for fuel/air data input and set the fuel per Sandia installation manual instructions.	
4	manual instructions. 15) Installed a new 554-422 seat	ar warning to actuate at the correct flap postion per airplane maintenance track adjustment cable on the co-pilot's seat.	
	facing RH seat. I certify that this Airframe has been	coxygen generator in the forward position of the drawer under the aft.  In inspected in accordance with an annual inspection and was determined.	
	to be in an airworthy condition.	Signed Edward & North &	
199		Edward J. Novak Jr. A+P 2832024 IA	
_			
_			

FAA	ng Ovil Aviation 2. herity/Country: UUmited States	AUTHO	RIZED RELE.	HINESS APPROVAL	TAG	3. Form Tracking Number: 2019-12-31-01-02
Organisa	7555 M Eden P	N AVIONICS larket Place Dr., rairie, MN 55344 uthorization PT288	1	TEL: 1 (95 FAX: 1 (95		Wark Order/ContractTeroice Number:     Shadin Jobil 5035     Shadin 509 56340     Cast POR 3030
S. Itsus	7. Description:		S. Part Number:	9. Quantity:	16. Serial Number:	II. Status/Works
l.	SINE WAVE TO SQU CONVER	TARE WAVE	631201	1	162 (N 7/3/20	NEW
22	Certifies the items identified above v Approved design data and are in a Non-approved design data specific	condition for sale ope				Other mobiles quicked in the con- traction of the contraction of the con- traction of the contraction of the con- traction of the consequently
10h. A	Approved design data and are in a Non-approved design data specific attacked Signature.	condition for suck operation (12.	ratios.  Approval/Authorization No. 999998863			
10h. A	Approved design data and are is a Nan-approved design data specific	condition for suck operation (12.	ration.  Approval/Authorization No.			
Die Au	Approved design data and are in a Non-approved design data aposition whentimed Signature.  Life Following a same (Typed or Photology	o condition for sale operation f	nation.  Approval/Authorization No.:  999998863  Bate (40/mmm/yyy):  17/Jun/2020  Users Testable (4)	Cycles dat addition for the property of the comments of the foliation of the cycles of	octorvice specific in the left 12 case storograms in a military specific in the part 13 set in respecting are:	gentlebeth (ji) (1.1 mm) fill merc to the case against to The digensity of free National Conference of the case o

CAIT AVIONICS LLC 246 SOUTH MEADOW ROAD GATE 6, HANGAR SW-1 PLYMOUTH, MA 02366 G IDB 2281 23-July-2020 WOG 6294 HOBBS 2673.3 ZIN SIN 4697177 PIPER PA46-500TP	Pg 1 / 1
ADC $\theta$ 1 (PN:37002-01-02 SN:M017810) PITOT, STATIC AND ALTITUDE REPORTING SYSTEMS HAVE BEET TED AND FOUND TO BE IN COMPLIANCE WITH FAR43, APPENDIX E AND F, AS REQUIRED BY FAR 91.411. 80,000FT.	N TESTED
ADC # 2 (PN:37002-01-02 SN:M007967) PITOT, STATIC AND ALTITUDE REPORTING SYSTEMS HAVE BEEF TED AND FOUND TO BE IN COMPLIANCE WITH FAR43, APPENDIX E AND F, AS REQUIRED BY FAR 91.411. 10,000FT.	TESTED
NDBY ALTIMETER (PN:6420302-1 SN:318-10084), PITOT, STATIC AND ALTITUDE REPORTING SYSTEMS HA N TESTED AND POUND TO BE IN COMPLIANCE WITH FAR43, APPENDIX E AND F, AS REQUIRED BY FAR 91, TED TO 30,000 FT.	AVE .411.
#1 ATC TRANSPONDER (PN:011-00455-60 SN:84108797) AND #2 ATC TRANSPONDER (PN:011-00455-00 84108771) HAS BEEN TESTED AND FOUND TO BE IN COMPLIANCE WITH FAR43, APPENDIX F, AS REQUIRED 91.413.	BY
E: WORK ORDER 6294 ON FILE.	
ARONE WARK MAS COMPLETED IN ACCORDANCE WITH THE CURRENT REGULATIONS OF THE FEDERAL AVIATION STATEMENT AND THE MORE ACCOMPLISHED.  OF THE MORE ACCOMPLISHED.  OF THE MORE ACCOMPLISHED.	ON .
AIF AVIONICS LLC 248 SOUTH MEADOW ROAD GATE 6, HANGAR SW-1 PLYMOUTH, MA 02360 SIM 2580 3.3.4. 2020 WEST SW-17 PIPER PA46-S00TP PA96-S00TP PA97 PA97 PA97 PA97 PA97 PA97 PA97 PA9	Pg 1/1
KICS UPGADDE TO INCLUDE REMOVAL OF: AIRSPEED INDICATOR (PN:2502-1160 SN:276946). ALTIMETER 16850-1147 SN:17MCUIDE REMOVAL OF: SIGNO339391 SN:504003395255216), #1 ADAMARS 177002-01-02 SN:7801394), STANDUS WATTER (PR:501-1882-01 SN:1994)	
ICS UPGRADE TO INCLUDE INSTALLATION OF: ND 302 STANDBY ATTITUDE MODULE (PN:6420302-1 8-10084), #1 ADAHRS (PN:37002-01-02 SN:M017810)	
WORK ORDER 6294 ON FILE.	
BOVE NORK MAS COMPLETED IN ACCORDANCE MITH THE CURRENT REGULATIONS OF THE FEDERAL AVIATION ISTRATION AND IS APPROVED FOR RETURN TO SERVICE FOR THE MORK ACCOMPLISHED.	
878 ENZAMEN SCHULTZ	



			A CONTRACTOR		NGZIN
L. Approving Ord Aviation Authority/Country: FAA/United States	AUT	HORIZED R	ELEASE	CERTIFICATE	3. Farm Tracking Number: 44758
4. Organization Name and Address MAC Aircraft Maintenance 406 Yellowbird Rd, Portlan	·HC	PAR PUBLISHED STATE			5. Work Order/ContractTorolor Number: 44758
6. Bent 7. Description:	_	S. Part Number:	9. Quantity:	10. Serial Numberi	11. Status/Works
1 AD	AHRS	37002-01-02	11	M013207	Inspected
			1		

This unit was removed from N187JD in serviceable condition.

i				
	Curtifies the items identified above were man     Approved design data and see in a cond     Non-approved design data specified in 8	idea for safe operation,	No. 30 14 CFR 435 Return to Service Certifies that unless otherwise specified in Block I described in Block 12 was seconglished in accord Segulations, part 43 and in respect to that work, to write.	
	13t. Authorized Signature:	The Approval/Authorization No.	1th. Authorized Signature	14c. Approval/Certificate No.: FSER011E
	134. Name (Typod or Printed)	Die. Date (dd/mmm/yyyy)c	14d. Name (Typed or Printed): Shawn Falkner	14c. Butc (66/mmm/yyy): 04 Feb 2020
		User/Installer	Responsibilities	

It is impressed to understand that the existence of this document whose does not university constitute authority to install the accruate caption/propellecturation.

Where the non-familier perform work in accordance with the embinal regulations of an advantables authority different thus the advantables authority of the country specified in

Where the conclusioning specimen work is processor were assume exposume as an arrangeous authority different than the devarations assuming on one consumptions on the control processor and the scientification control than the restriction of the scientification assuming one consumptions of the control processor and the scientification of the scientification

Approving National Aviation     Authority/County:     FAA/UNITED STATES	AUTHORIZED REL			3. System Tracking Ref. No. RMA 126707452
4. Organization: GARMIN Internal		ertificate No. G6XI	582Y	5. Wirk Order Contract Sociole Number: RMA 126707452
S. Boss: 7. Description: 1. GTXC150	# Part Number: 011-00455-00 the Main Total to correct the return home. Confirmed all applicable has	R. Quantity:	90. Sarial Number: 84168771	11. SameWork: REPARED
	to meet the requirements of all services of the maintenance manual poet or persisten or concerns places do not healton to contact our customer service			al new garate con for my update or product information.
	The same of the sa	-		and the second s

Cortifie the insue identified above war manufactured in conform     Accorded design data and are in condition for self-consides     Non-accorded design data specified in block 12	N/A	14a.   14 CFR 41.5 Return to Service  Cartifies that unions otherwise specified in black 12, the we described in Black 12 are accomplished in secondary will Regulations, part 43 and in respect to §dan spects. The reports	th Title 14 code of Federal
13k. Authorized Signature	De Approval/Authorization No.	16. Authorized Signature	Hr. ApprovalCurificate
N / A	N / A		G6XR582Y
13d. Name (Typed or Printed	Den (66/mm/yyyy)	144. Name (Typed or Printed). Troy Cliffon Schall	16e 26 Aug 2020
N / A	N / A		Date (60/mmm/yyyy)
	User/Imtal	ler Responsibilities	

Where the uncriminater performs work in accordance with the national regulations of an airworkiness authority different than the nitworkiness authority of the country specified in block 1, it is exercised that the Statements in Flock 1 is and 14s do not countries installation certification. In all cases, aircraft maintenance records reset contain as installation certification in accordance with the national regulations by the sees treatable before the aircraft may be flown.

uncliniated course that higher airweithness authoris accord aircraft outlied; introducing the Airweithness Authority of the country according to t

Ä	TACH TIME	FLIGHT	TIME IN SERVICE	<b>Description of Inspections, Tests, Repairs and Alterations</b> Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)	
_		8/18/2020 Hobbs Hou		PA46-500TP, serial # 4697177 Aircraft Logbook	_
_		CHECKED	BOTH SYSTE	PN: 37002-01-02 SN: M017810) FROM PILOT SIDE TO COPILOT SIDE. 37002-01-02 SN: M007867) FROM COPILOT SIDE TO PILOT SIDE. LEAK MS: OPS CHECK NORMAL. COMPLETED COMPASS CALIBRATION PER INSTRUCTIONS.	
		THE WOR	VE WORK WAS ERAL AVIATION RK ACCOMPLIS AIR AVION NHOR	VICS Sinner Grisain Sales 2	
				I DOG MAIN GONALITE	

REMOVED CO-PILOT ADAMES UNIT (PN: 37002-01-02 SN: M017810) AND REPLACED WITH ADAMES UNIT (PN: 37002-01-02 SN: M013207), OPS CHECK NORMAL.

REINSTALLED OVERHAULED #2 TRANSPONDER GIX 330 (PM: 011-00455-00 SN: 84108771). OPS CHECK NORMAL. NOTE: WORK ORDER 6472 ON FILE.

THE ABOVE WORK MAS COMPLETED IN ACCORDANCE WITH THE CURRENT REGULATIONS OF THE FEDER' AVIATION ADMINISTRATION AND IS APPROVED FOR RETURN TO SERVICE FOR THE WORK ACCOMPLISHED.





AVIATION	
Version of the second s	
The state of the s	

Shoreline Aviation, Inc.

Marshfield Municipal Airport George Harlow Field (GHG) 93 Old Colony Lane Marshfield, MA 02050

11/3/2021

N621N

PA46-500TP, serial # 4697177

Aircraft Logbook

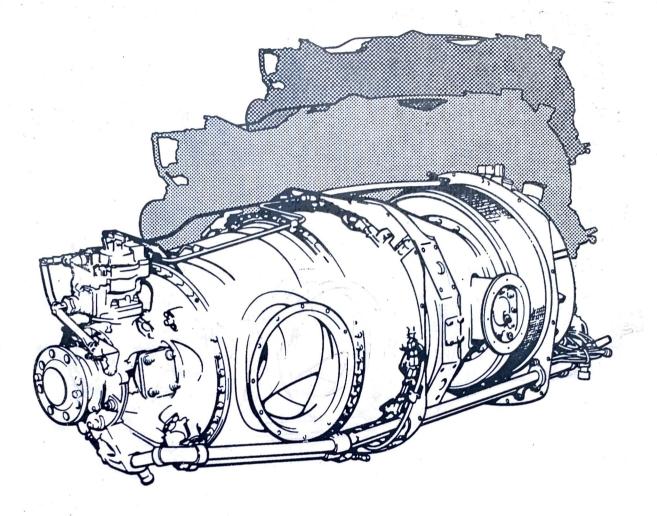
Hobbs Hours: 2798.9

- 1) #1 ADAHRS (s/n M011945) removed from airplane. Moved #2 ADAHRS (s/n M013207) to the #1 position. Installed previously installed ADAHRS (s/n M007967) in the #2 position.
- 2) Installed a servicable #1 Nav display (NDI) p/n: 84-134-6, s/n: 0335-002. Function check OK.
- 3) Completed Megait compass calibration to both ADAHRS with satisfactory results.

	Completed Meggit compass calibration to both ADALING with The above work was completed in accordance with current regularity and accordance with current regularity.			Aviation Administration and is approved fo
	return to service for the work accomplished.		Gelwary	A Work N
-	Sig	gnea	Edwa	rd J. Novak Jr. A+P 2832024 IA

Shoreline Shoreline Aviation, Inc. Marshfield Municipal Airport George Harlow Field (GHG) 93 Old Colony Lane Marshfield, MA 02050 Aircraft Logbook PA46-500TP, serial # 4697177 11/3/2021 N621N Hobbs Hours: 2798.9 :: Aircraft TT: 2798.9 Installed new ELT battery p/n 452-0130. New battery due date is December 2024. C.W. FAR 91.207(d) and ops check ok. The above work was completed in accordance with current regulations of the Federal Aviation Administration and is approved for return to service for the work accomplished. Signed Sheehan A+P 3439269 IA

N621N S/N 4697		OOW ROAD GATE 6, HANGAR SW-1 PLYMOUTH, MA 02360 # 6991 REF# W6991 HOBBS 2798.9 6-500TP
		Pg 1 /
		PITOT, STATIC AND ALLITUDE REPORTING SYSTEMS HAVE BEEN TESTED 43, APPENDIX LAMP L, AS REQUIRED BY LAR 91.411. HISHD 10
RH ADC (PN: 37002-0 AND FOUND TO BE IN 35,000 FT.	01-02 SN: M007967), F COMPLIANCE WITH FAR4	PETOT, STATE AND ALLEIDDE REPORTING SYSTEMS HAVE BEEN HISTED. B. APPENDAX E AND E.AS REQUERTED BY LAR 91 411. HISTED TO
STBY ADC (PN: 6420) AND FOUND TO BE IN 35,000 FT.	021 SN: J18-10084), CCMPLIANCE WITH FAR4	PITOLSTATE AND ALLEADER REPORTING SYSTEMS HAVE BEEN TESTED 3, APPENDIX F AND 1, 25 REQUERED BY LAR 91.411. HISTED TO
ATC TRANSPONDER (PA FAR43, APPENDIX F,	: 011-00455-60 SN: 8 AS REQUIRED BY FAR 9	4108797) HAS BEEN TESTED AND LOUND TO BE IN COMPLIANCE WITH
NOTE WORK ORDER #69	91 ON FILE.	
THE ABOVE WORK WAS ADMINISTRATION AND	COMPLETED IN ACCORDANT SAPPROVED FOR RETURN	NCE WITH THE CURRENT REGULATIONS OF THE FEDERAL AVIATION RN TO SERVICE FOR THE WORK ACCOMPLISHED.
NAOPA DE	RIARTY	
N4ORO87B COLLIN MO	32.31.1	
N4ORU8/B COLLIN MO		
N40KU8/B COLLIN MO		
N40KU8/B COLLIN MO		
N40RU8/B COLLIN MO		
N40R08/B COLLIN MO		
N40R08/B COLLIN MO		



# **ENGINE LOGBOOK**

PT6A TURBOPROP ENGINE

**PCE-RM0187** 



A/C SN: 4697177 PRATT & WHITNEY CANADA

Autorité d <b>Tra</b> i	g national aviation authority /country - e l'aviation du pays d'approbation / pays NSPORT Canada	NOTIONALD NELEA	SE CERTIFICATE - BON TCCA 24-0078	DE SORTIE A	UTORISÉE		o Numéro de suivi du formulaire
4. Approved	organization name and address - Nome Pratt & Whitney Ca Une societe de United Technologies/A Unit	nada	Pratt & Whitney Canada C 4045 – 26 AVE. NORTH LETHBRIDGE, ALBERTA T1H 6G2		ey Canada Corp	5. Work order/contri Bon de travail/con P.O.# 4	act/invoice - ntrat /facture 000205008
6. Item 01	7. Description Free Turbine Turbo-Prop PT6A-42A Build Specification 1181 Rev.	8. Part No N° de pièce 3120055-01	9. Eligibility* - Admissibilité*  VARIOUS	10. Qty - Qtée		N° de série/de lot RM0187	12. Status/work - État/travail  MANUFACTURED
13. Remar	ks - Remarques						
THIS EN	AN TYPE CERTIFICATE E-12, IGINE CONFORMS TO ITS UN IGINE HAS BEEN SUBJECTED	ITED STATES TYPE DESIGN ( ) BY THE MANUFACTURER TO	TYPE CERTIFICATE NILIMPI	ER E4EA) AND I CK AND IS IN A	IS IN CONDITIC A PROPER STA	IN FOR SAFE O TE OF AIRWOR	PERATION. THINESS.
14. Certifie Le prés	s that the items identified above were ma sent bon certifie que les articles indiqués	anufactured in conformity to: ci-dessus ont été construits conforméme	ent à :				
⊠ A	pproved design data and are in condition es données de conception approuvées e	for safe operation. t au'ils peuvent être utilisés en toute sécu	urité Cth	er regulations specifie	ed in block 13 Autre	réglementation préc	
	lon Approved design data specified in blo es données de conception non approuvé	ick 13 es indiquées à la case 13.	Le présent bo	n certifie que, à moir	ance with TAD 571	re appropries ant à la	ed in block12 and described in case 13, le travail indiqué à la
BH	enguford	16.Certificate / Approval Ref. No. N° d'agrément/d'autorisation T.C. 4-58 NO. 031	20. Authorize	d signature - Signatu	re autorisée 21.	Certificate / Approval N° d'agrément d'auto	ref. No prisation
17. Name -		18. Date (dd/mmm/yyyy)	22. Name		23.	Date (dd/mmm/yyyy)	
B. H	JNGERFORD	0 7 DEC 2003					
	2/09/2001) / P&WC 5720 (2002-08) * Installer in	must cross-check eligibility with approved data - *	Le monteur doit contre-vérifier l'admissibilité a	vec les données approuv	ées		

1. Le présent document n'autorise aucunement le montage de la piace, - 1. Inis document does not constitute autorité de navigabilité autre que celle indiquée à la case 1, il doit s'assurer que l'autorité de navigabilité dont il relève accepte les produits ou les travaux de maintenance de l'autorité de navigabilité indiquée à la case 1, - 2. Where the installer works in accordance with the national regulations of an airworthiness authority other than the authority specified in block 1, the installer must ensure that his/her airworthiness authority excepts products or maintenance from the airworthiness authority specified in block 1.

3. Les énoncés des cases 14 et 19 ne constituent en aucune feçon une certification du montage. Dans tous les cas, le dossier technique de l'aéronef doit renfermer une certification de montage délivrée conformément à la réglementation de l'État d'immetriculation, et ce, avant que tout vol puisse avoir leu. - 3. Statements 14 and 19 do not constitute installation certification. In all cases the aircraft technical repord must contain an installation certification, issued in accordance with the national regulations of the state of registry.

before the aircraft may be flown.

### ENGINE LOG

Make	Pratt & Whitney Canada Corp.
Model	PT6A- 42A
Specification	B/S: 1181 E.T.C. E- 12
Manufacturer's Serial Number	PCE- RM0187
Date of Manufacture	DECEMBER 2003
Aircraft Inspection Cycle	

THIS ENGINE SERVICED WITH EXXON TURBO 2380
OIL AT THE PIPER FACTORY

Cycle Count As Of	MAR 0 1 2004
Number of Cycles	5

## ENGINE SERVICE AND

	TIME	RUN	TIME	HAUL	INSTALLATIONS, INSPECT NOTE: USE BOTH PAGES AND AS MANY LINES AS R	REQUIRED FOR COMPLETE
DATE	HRS.	MIN.	HRS.	MIN.		
BROUGHT		<b>-</b>			New engine final acceptance test	and
DEC 3003	00	00	00	00	New engine final acceptance inhibiting run completed satisfaction in condition for safe operation.	ctorily and is
	$\leq$				III CONGRESS	4
			Sky	tecl	P.O. Baltin (410) LOG BOOK ENTRY	Box 4942 more, MD 21220 ) 574-4144 #LF1R294K
		52WM /O 23069			Au -	gust 17, 2004 ——————————————————————————————————
	- 7		erformed a	power reco	very/turbine wash.	
	Th Fe	deral Aviate on file at gened	and/or contion Regul	mponent id ations and under Wo	dentified above was repaired and inspected in accordance was found airworthy for return to service. Pertinent details of rk Order No. 23069 Date: August 17, 2004 For Skytech, Inc., P.O. Box 4942, Baltimore, MD 21220 CRS L	
	Th Fe	deral Aviate on file at	and/or contion Regulation Regulat	mponent id ations and under Wo	was found all worthy for retain to be 1990	
	Th Fe	deral Aviate on file at	and/or contion Regulation Regulat	mponent id ations and under Wo	was found all worthy for retain to be 1990	
	Th Fe	deral Aviate on file at	and/or contion Regulation Regulat	mponent id ations and under Wo	was found all worthy for retain to be 1990	
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AL THIS PAGE	Th Fe	ne aircraft deral Aviat e on file at gned Fred J	and/or contion Regultis agency	mponent id ations and y under Wo	was found and the control of the con	
TAL THIS PAGE TOTAL FROM EVIOUS SUMMARY	Th Fe	ne aircraft deral Aviat e on file at gned Fred J	and/or contion Regultis agency	mponent id ations and y under Wo	was found and the control of the con	

	RS, ADJUSTMENTS, MODIFICATIONS Ne through any unused lines in date	E AND TIME COLUMNS.	SIGNATURE	LICENCE NUMBER
NG/V0 34950 R	PM, at <u>850</u> SHP/δ√0		18 -	
	-			
ITT Trim	: 51.1 C°			
T5 Trim Resistance	: 21.8 Ohms	(SE)	B. HUNGERFORD	(C) T.C. 4-6
	)	<b>(</b> 658)	Druguforo	NO. 0
- Change - Change - Change				
Skytt	och inc	P.O. Box 4	Co. Acres	
Kyu	)()(),u	(410) 574	MD 21220	
N 62WM	LOG BOOK ENTRY	CRS #LF		
W/O 23070	Engine Entry Hobbs: 241.9	Decemb	er 17, 2004 ———	+
Cycles: 241	TT Engine: 241.9	5/N P	CE-RMO187	-
<ol> <li>C/W annual engir</li> </ol>	e inspection IAW Piper inspection guide for P	A-46-500TD		
Z. Folisticu Silp Hillqs	USING SCOTCH Brite and Aerosolve			
T. Replaced oil temp	r tube flange gasket with new gasket P/N 540 gasket with new gasket P/N MS35769-11.	26-000.		
<ol><li>Kemoved worn be</li></ol>	eta block and installed new P/N A3026		-	
6. Performed a 100	hour power recovery and turbine wash per the MM chapter 71-00-00.	e Piper Meridian MM chap	ter 12-00-	
<ol><li>Adjusted alternate</li></ol>	or and compressor belt tensions TAW Piner M/	M 24-30-00 and 21-50-0	).	
8. A/D Notes Checke	d to Bi-weekly 2004-25. See AD Log dated 13	2-17-04		
	spection ground run operational and leak che	cks are satisfactory.		
MAINTENANCE RELEAS				
are on file at this agenc	ponent identified above was repaired and institutions and was found airworthy for return to so under Work Order No. 23070 . Dat for Skytech, Inc., P.O. Box 4942,	ervice. Pertinent details e: <u>/2//7/04</u> Baltimore, MD 21220	h current Of the repair LF1R294K	
		is ENGINE he	s been	
	inspected in a	ccordance with a And was determined to be	wun -	1
	in airworthy co	mas determined to be		
	And the second s			
				and the second second
				100
				-
				-
			) ) 1	

## ENGINE SERVICE AND

DATE	Skyte	ch, inc.	P.O. Box 4942 Baltimore, MD 21220 (410) 574-4144	ETE
BROUGHT	Kylo	LOG BOOK ENTRY	CRS #LF1R294K February 24, 2005	
FORWARD	N 62WM	Engine Enrty	February 24, 2005 S/N PCE-RM0187	
	W/O 23294	Hobbs: 293.3 TT Engine:293.3	3/N FCL-R/1016/	
			D/N: 767-386 Personal final	
	roturn haca D/N: 63	Modified Pratt fuel restrictor by installing Piper Kit 1901-183, and installed new P/N:63901-209. Leak	CHECK SauStactory.	
\	<ol><li>Pernoved oil pressure</li></ol>	relief/regulating valve and installed one spacer p/	In 3100614-01 for a complined	
1.	total of three, Perfo	rmed engine run up, 116 psi of oil pressure noted 4 Qt. BP 2380 Turbo oil, per Piper M/M Ch. 12-10-		
	3. Serviced engine with	END		
	MAINTENANCE RELEASE	onent identified above was repaired and inspected	l in accordance with current	
	Federal Aviation Pegulation	ons and was found airworthy for return to service.	Pertinent details of the repair	
	are on file at this agency	under Work Order No. 23294 . Date: 2/	23/05	
	Signed Davilla. Ju-	for Skytech, Inc., P.O. Box 4942, Baltim	noré, MD 21220 LF1R294K	
-				
			Page 2 of 2	7
			*	
		LOG BOOK ENTRY	P.O. Box 4942 Baltimore, MD 21220 (410) 574-4144 CRS #LF1R294K	
	N62WM W/O22559	Engine Entry Hobbs:361,4	May 25 ,2005	
			S/NPCE-RM0187	
The state of the s		power recovery and turbine wash.		
	MAINTENANCE RELEASE			
1		nent identified above was repaired and inspected in and was found airworthy for return to service. Pertine Work Order No. 23559	n accordance with current	5400
3	on file at this agency under V Signed	Date: 3/23		-
h in the state of		for Skytech, Inc., P.O. Box 4942, Baltimore, MD	21220 CRS LF1R294K	
		•		
				-
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			and the state of t	
1				-
	And the same of th	CARRIED FORWARD		
OTAL THIS PAGE				
TOTAL FROM REVIOUS SUMMARY				
TOTAL	C			
SINCE MFG.				

ENTRIES. DRAW A DIAGONA	L LINE THROUGH A	NTS, MODIFICATIO Ny unused lines in i	NS DATE AND	TIME COLUMNS.	SIGNATU	RE	NUMBE	
N62WM	kytech, in	OG BOOK EN	TRY	Baltim (410)	Box 4942 nore, MD 21220 574-4144			_
W/O 23769		Engine Entry			#LF1R294K			
,0 23/69		Hobbs: 473.8, Etsn: 47	3.8		ecember 16, 2005 S/N PCE-RM0187			
3. Remc 4. Instal 5. Instal 6. Instal 7. Adju 8. Profi 9. A/D MAINTENANCE The gircust	of month/12 month/400 100 hour power recover 400 hr fuel nozzle inspection of the fuel new orings on the Reled a new beta block posted the air conditioner of the fuel nozzle in the fuel nozzle in the led new orings on the Reled a small nick in the led nozzle in the fuel noz	housed items:  I hour propeller lubrication.  I and turbine wash.  I and turbine wash.  I cition and boroscope inspec UESR246N, w/o W00259  box scavenge screen inspection, and I creation inspection, and I creation inspection, and I creation in creation in creation I creation in creation in creation I cr	tion. Fuel no 36. ction. db rush repl. 08752. ock seal. compressor l dated 12-16	accordance with curetails of the repair of	oir performed by			
		Skytech, Inc., P.O. Box 492 has been inspected in accordance whas been deemed airworthy at	12, Baltimore	MD 21222	LF1R294K			_
		defined airworthy at	this time.					
Country: 2. Title: FAA F.	orm 8130-3	2000				-		
Company:	ess Approval Tag tation Federal Aviation Administration	3. System Tracking Ref. Number: W0025936	II Authority/	National Aviation Country	AUTHORIZE	DRELEASE	CERTIFICATE	
RE	PAIR STATION UE5R246N	5. Work Order, Contract, or Invoice	4. Organizati	ED STATES - 2	FAA Form 8130-3,	AIRWORTHINE	SS APPROVAL TA	G
RIME	Hyannis, Massachusetts 02601 Tel. 508-771-4744	W0025936	6. Item	rcraft Parts & Accessories, Inc.,	1414 South Mosley, Wichita, KS 672	11-3309 tre -		
n 7. Description:	AL MIN	1	1		o, rait Number	9. Elig*	10.0	
D. PRI. ADAPTER ASSY 3100456-03	9. Eligibility:* 10.Qty11. Seri N/A 7 2593	al/Batch: 12. Status/Work: 6 REPAIRED		STARTER GENERATO	R 200SGL145Q	N/A	10. Qty	11. Serial/Bate 4951

FAA Form 8130-3 (6-01)

	ADAPTER ASSY		N/A		11. Serial/Batch:	12. Status/Work:
2 SEC	ADA DONO		N/A	7	25936	REPAIRED
-   520	ADAPTER ASSY	3100458-03	N/A	6	25936	
3 INL	ET ADAPTER AS	2100452 00		1 0	25936	REPAIRED
920		3100453-03	N/A	1	25936	DDD
4 SHE	ATH	3119920-01	L.,_			REPAIRED
5 TUB	_	-113320-01	N/A	14	25936	REPAIRED
5 TUB	E	3011155	N/A			LULALRED
			1,7	28	25936 -	REPAIRED
	ED, INSPECTED, SARY ONE SET OF 12 REV 38. SB 3351 REV 3.	PRESSURE TESTED F PT6 FUEL NOZZI	, FUNCTION ES I/A/W P	TEST	ED AND REPA	IRED AS IANUAL P/N
"Carrific	DON ANDERSON s that the work specified in	Date 12/05/05		Order	# W0025936	
*Certifies compone	s that the work specified in ent(s) is (are) considered re Limited life parts mus	block 12/13 was carried out	in accordance with E	Order	# W0025936	to that work, the aircraft
*Certifies	s that the work specified in ent(s) is (are) considered re Limited life parts mus	block 12/13 was carried out	in accordance with E r EASA Approval Cer ance history including	total tim	affected and 140,4	786.
*Certifier componer	s that the work specified in ent(s) is (are) considered re Limited life parts mus es the items identified a	n block 12/13 was carried out eady for return to service under it be accompanied by maintena bove were manufactured in	in accordance with E r EASA Approval Cer ance history including	total tim	e/total cycles/time s	ince new.
4. Certifier componer  4. Certifier conformity  Approximately conformity  No	s that the work specified is antisi is fare) considered re Limited life perts mus es the items identified a proved design data and aration on-approved design data	a block 12/13 was carried out easy for return to service under it be accompanied by maintens bove were manufactured in are in a condition for safe specified in Block 13	in accordance with It rEASA Approval Cerance history including 19 X 14 CFI X Other Certifies that unidentified in Blod accordance with respect to that	R 43.9 I regulation dess other ok 12 and on Title 14, work, the	e/total cycles/time s Return to service on specified in Bi wise specified in block 1 described in block 1 Code of Federal Re items are approved	nce new.
Compone  Compone  (4. Certification of the conformity of the confo	s that the work specified is antisi is fare) considered re Limited life perts mus es the items identified a proved design data and aration on-approved design data	n block 12/13 was carried out sady for return to service under it be accompanied by maintena bove were manufactured in are in a condition for safe	in accordance with It rEASA Approval Cerance history including 19 X 14 CFI X Other Certifies that unidentified in Blod accordance with respect to that	R 43.9 I regulation dess other ok 12 and on Title 14, work, the	e/total cycles/time s Return to service on specified in Bi wise specified in block 1 described in block 1 Code of Federal Re items are approved	ock 13 ock 13. the work 3 was accomplished in pulations, part 43 and in or return to service.
"Certifier components of the C	s that the work specified is antist is lare! considered to Limited like parts mus- es the items identified a "pproved design data and aration" on-approved design data	a block 12/13 was carried out easy for return to service under it be accompanied by maintens bove were manufactured in are in a condition for safe specified in Block 13	in accordance with E r EASA Approval Cer ance history including the second of the second Certifies that un- identified in Blood accordance with respect to that:	R 43.9 I regulation dess other ck 12 and h Title 14, work, the	e/total cycles/time s  Return to service on specified in blook i described in blook i Code of Federal Re items are approved	noce new.  Ock 13 ock 13. the work. 3 was accomplished in justainue, par 43 and in for return to service.  21. Certificate Number
"Certifier components of the C	s that the work specified is antisi is fare) considered re Limited life perts mus es the items identified a proved design data and aration on-approved design data	a block 12/13 was carried out easy for return to service under it be accompanied by maintens bove were manufactured in are in a condition for safe specified in Block 13	in accordance with it EASA Approval Certains ance history including ance history including the Certain Certains that we consider that we consider the certain in Block and the Certain	R 43.9   regulation less other cless other	e/total cycles/time a Return to service on specified in Be wise specified in block i described in block i Code of Federal Re items are approved	ock 13 ock 13. the work 3 was accomplished in pulations, part 43 and in or return to service.
*Certifier Componer 14. Certifier Conformity Are Op No. 16. Signer 17. Name	s that the work specified is untils is feet considered in Limited like perse mus- tions and the perse mus- es the triems identified a fi- poposed design data and deration. on-approved design data ture:	abock 12/13 was carried out aday for return to service under the accompanied by maintenant bove were manufactured in are in a condition for safe are in a condition for safe.  16. FAA Authorization Not	in accordance with It rEASA Approval Cerance history including 19 X 14 CFI X Other Certifies that unidentified in Blod accordance with respect to that	R 43.9 I regulation less other ck 12 and n Title 14 work, the Signature of or prints	Return to service on specified in B wise specified in B wise specified in block it code of Federal Re- items are approved  code of March and Code  code of Sederal Re- items are approved  code of Sederal Re- items are approved  code  c	cock 13 ck 13, the work ck 13, the work ck 13 county and 13 ck 13 county ck 14 coun
*Certifier components  14. Certifier conformity  Approximately approxima	s that the work specified is untils is feet considered in Limited like perse mus- tions and the perse mus- es the triems identified a fi- poposed design data and deration. on-approved design data ture:	hbock 12/13 was carried out agent for the service under the accompanied by maintain bouw were manufactured in are in a condition for safe specified in Block 13  16. FAA Authorization No.  18. Date	in accordance with it EASA Approval Cetter in EASA App	regulation of the state of the	Return to service on specified in B wise specified in B wise specified in block it code of Federal Re- items are approved  code of March and Code  code of Sederal Re- items are approved  code of Sederal Re- items are approved  code  c	cock 13 ck 13, the work 3 was accomplished in Justians, part 43 and in for return to service.  21. Certificate Number UESR246N

FAA/UNI	TED STATES	ACTHORIZE	DRELEASE	CERTIFICAT	E.	2 5- 7	
	tion Name and Address	FAA Form 8130-3,	AIRWORTHINE	SS APPROVAL T	,	3. Form 11	racking Number
B&S /	Aircraft Page 6. A arrow			S AT PROVAL I	AG	R	05-08752
6. Item	Aircraft Parts & Accessories, Inc., 14	4 South Mosley, Wichita, KS 67.	211-3398 USA			5. Work O	rder/Contract/Invoice/
1		o, Fait Number	9. Elig*	10. Qty		R	05-08752
	STARTER GENERATOR	200SGL145Q	N/A	10. Qty	11. Serial/Batch#		12. Status/Work
	1		14/1	1	4951		
				1			REPAIRED
13. Remarks	5			-	•		
Repaire	ed, reference 2005GI 1450						
conside	ed, reference 200SGL145Q ma was performed in accordance vered ready for release to service	under EASA Implementation under EASA approval num	Rule part 145 a	pproval, and wi	c. certifies that the	work specifi	ied in Blocks 12
C 15 342			21072143	.4228. Full detai	ls held on work ord	ler R05-087	52
14 Certifies	the items identified at						
П-Ар	s the items identified above were man proved design data and are in conditi	ufactured in conformity to: on for safe operation	19. ⊠ 14	CFR 43.9 Return to	Service 🕅 Out		٠
	n-approved design data specified in I		describ	s that unless specif		regulation spec ork identified in dance with Tit	cified in Block 13 n Block 12 and le 14, Code of Federal
15. Authoriz	zed Signature	Company of the Compan	scrvice	•	, and work, t	ne items are ap	proved for return to
		proval/Auth No					
		A PROPERTY OF THE PARTY OF THE	-o. Addio	rized Signature	2	1 Annua va	
17. Name (1	Typed or Printed) 18 ris			///		I. Approval/C	ertificate No
	10.10	te (m/d/y)	22 Notes	low Selva	der	NE2R028	BL
-121		<b>的一种,</b>	Carle .	(Typed or Printed)	2	3. Date (m/d/y	
The second second	and the same of th		W. Ke	evin Schrader	-	o. Date (m/d/y	)
	1	User/Installer				Dec/08/20	005
It is impor	rtant to understand that the evisters	ear .	responsibilities				
performs v	retant to understand that the existence work in accordance with the national hat the user/installer ensures that his/s is in Blocks 14 and 19 do not constitutational regulations by the user/installer	regulations of an alone does not a	utomatically const	ibute must - 1			
Statement	s in Blocks 14 and 10 d	her airworthiness accepts posterior	thority different th	han the airworthing	stall the part/componen	t/assemble	
with the na	ational regulations by the user/install	te installation certification. In all	mponents/assembl	ies from the airwor	thinese and of the comp	pany specified	here the user/installer
	of the user/installe			ntanana.	aumonity of the		

NSN: 0052-00-012-9005

#### ENGINE SERVICE AND

	TIME RUN	TIME SINCE	INSTALL	ATIONS, INSPECTIONS,
DATE	HRS. MIN.	HRS. MIN.	NOTE: USE BOTH PAGES AND	AS MANY LINES AS REQUIRED FOR COM
BROUGHT				
· OKWARD			~	P.O. Box 4942
		kytech,	100	Baltimore, MD 21220 -
		knilecro,		(410) 574-4144
			LOG BOOK ENTRY	CRS #LF1R294K
	N62WM		Engine Entry	December 27, 2006
	W/O 24334		Hobbs: 710.0	S/NPCE-RM018
			TT Engine: 710.0	
				_
	Perfor     Malibr	med an annual/100	hour inspection of the engine per the i-20-00 and P&WC PT6A-42A MM Ch	ne Piper PA-46-500TP
	<ol><li>Re-ins</li></ol>	stalled the AGB p/n 3	3119974-01 s/n HTF1374P115 on th	e engine after repair
	(Pratt	&Whitney Engine Se	rvices, Inc., CRS HN4D238M, w/o 1	43066) per the P&WC PT64-424
	filter i	nstalled at this time.	the Piper PA-46-500TP Malibu/Meri	dian MM chapter 72-60-00. New oil
	<ol><li>Incorp</li></ol>	orated P&WC S.B. N	No. 3426 - Replacement/modification	n of the reduction gearbox
A 1	Scava	nge line. Performed	per Section 3 Accomplishemnt Instr- -01. SB dated June 19/2006.	uctions. Installed new fire seals p/n
	4. Perfor	med 100 hour powe	er recovery and turbine wash	_
	5. Perfor	med a 200 hour AG	B scavange screen inspection.	_
1			our Fuel purge system inspection/cl	
E	7. Perfor	med a 600 hour eng 35-3A.	gine fuel pump outlet filter replacem	ent by installing a new filter p/n
F.S	<ol><li>Perfor</li></ol>	med a 600 hour fue	l pump inlet screen inspection.	
7.79	<ol><li>Instal</li></ol>	led a new beta block	c p/n A3026.	
	11. A/D N	lotes Checked to Bi-	p p/n MS21919WH16 on the oil brea weekly 2006-23. See AD Log dated	ther tube.
	12. Perfo	rmed post-inspection	n ground run operational and leak ch	ecks are satisfactory.
			END	
	MAINTENANCE			. –
*	Federal Aviation	nd/or component ide on Regulations and v	ntified above was repaired and inspensal found airworthy for return to ser	ected in accordance with current
-	are on the at t	his agency under Wo	ork Order No. 24334 Date:	1427/02
	Signed 1		for Skytech, Inc., P.O. Box 4942, B	altimore, MD 21220 LF1R294K
		This pow an annua	verplant has been inspected in accordance with all inspection and has been deemed airworthy at	
		this time.		
			•	
				<u>.</u>
		rytech,	***	P.O. Box 4942
		catecre,"	10.	Baltimore, MD 21220 —
.6-		<i>y</i> L	OG BOOK ENTRY	(410) 574-4144
				CRS #LF1R294K
	N62WM		Engine Entry	Ortober 30, 2007
-	W/O 25094		Hobbs: 892.1	October 30, 2007 S/N PCE-RM0187
1	1. Perform	med a compressor turb	ine wash per P&WC MM chapter 71-00	10.00
			END	·
	MAINTENANCE RE The aircraft and	or component identifi	ied above was repaired and inspecte	d in accordance with accord
	. odcidi Avidiloli I	regulations and was to	ound dirworthy for return to conside Dam	Nimana alakadi a fala aran tu aran
•	Signed Signed	icy under work Order	No. <u>25094</u> Date: <u>October 30, 2000</u> skytech, Inc., P.O. Box 4942, Baltimore,	7.
à	// /	J	4742, Baltimore,	VID Z I ZZU CKO LF I KZY4K
TAL THIS PA				_
TOTAL FROM				

TOTAL SINCE MFG.

MAXIMUM HOURS BETWEEN OVERHAULS\_\_

2	Skytech, inc. Experience the Skyte	ch-Advantage		Phone: (410) 574-4144	/ Fax: (410) 780-4439		NUMBE
ingine Lo Date: N/O:	g Entry December 18, 2007 25017	Hobbs: Total Time: Cycles: TSO:	910.0 910.0 392	Registration #: Make/Model: S/N:	N62WM PA46-500TP PCE-RM0187	-	
Performe	d a 100-HOUR Inspection		in many		•		
• Complied	Performed an annual/1 Malibu/Meridian MM Ch. I with the following Spe	00 hour inspection 5-20-00 and P&WC F cial Inspections:	PT6A-42A MI	M Ch. 72-00-00.			
	400 hr fuel nozzle insp chapters 73-10-05 and 7 Inc., CRS# UE5R246W	w/o# W0030844.	inspection/re	pair performed by Pri	Γ6A-42A MM me Turbines,		<del> </del>
•	1000 hour Firewall inspe	ction IAW PA46-500T	P AMM 71-3	0-00			
•	Installed new oil filter P/N	N 3028419 IAW P&W	C PT6A-42A	MM Chapter 70 20 0	•		
•	Installed new P3 filter P/	N WF336238 IAW P&	WC PT64-4	2Δ MM chapter 79-20-02			
•	Installed starter gener 200SGL145Q s/n 4951 v	ator overhouled by	A 1 - D	&S Aircraft & Acce	-07. essories p/n		
•	Performed 100 hour Malibu/Meridian M/M Ch	nower recovery	ad 44.1	wash per Piper F	PA-46-500TP		
•	chapter 72-60-00. No de	AGB scavenge scre	en inspectio	n per the P&WC P7	6A-42A MM		
Complied	with the following Ain	worthiness Directive	s (AD's):			-	
Complie	N/A at this time						
·	I with the following Ser N/A at this time	vice Bulletins (SB's)	:				
Complete	ed the following additio	nol itama.					
•							- with
	Replaced hardware in en	ngine pienum were ne	eded.				
	Installed safety wire to the	ne forward tach genera	ator cannon p	olug back shell.			
	Adjusted the air cond Malibu/Meridian MM cha	proid E1 00-00 and Z	+-30-00.			-	
	Installed a new beta b chapter 61-10-00.						
•	Removed old auto ignition transducer P/N 588-046	C/11 0 100.					
	Removed corrosion from	engine mount Cluste	r groups trea	ted primed and painte	d.	2	
determine	at this <b>AIRCRAFT</b> has to do do be in airworthy cond	peen inspected in acc	ordance with	a 100-HOUR inspec	tion and was	-	
MAINTEN	ANCE RELEASE				-	=	
current F	raft and/or component ide ederal Aviation Regulation	entified above was rep	aired and ins	spected in accordance	with		
of the re	ederal Aviation Regulation air are on tile at this age	ons and was found air	worthy for ref	turn to service. Pertin	ent details		
Signed _	Mule 14	for Skyto	# NO: 2501/	Box 4942, Baltimore,	2007		
	CRS# LF1R294	K	,, 1 .0.	box 4942, bailimore,	MD 21220.		
	2						
					1	V	
			v.t.				



### ENGINE SERVICE AND

DATE	TIME	RUN		SINCE	NOTE: USE BOTH P	INSTALL AGES AND	ATIONS, INSPEC	REQUIRED FOR
DATE	HRS.	MIN.	HRS.	MIN.	NOTE: OF F	3000		
ROUGHT -		<b>-</b>						
				1-1			P.O. Box 4942, B	altimore, Maryland 21220
		-	leyter	M, ino.			Phone: (410) 574-414	14 / Fax: (410) 780-4439
	6	The state of the s	Exp	perience the Sk	riech-Advantage			*
	-		•					
1	Eng Date W/O	):	July 24,	25550	Hobbs: Total Time: Cycles:	25550	Registration #: Make/Model: S/N:	N62WM PT6A-42A PCE-RM0187
		• Perf	formed 100	0 hour pov	ver recovery and turbine	wash per F	Piper PA-46-500TP	Malibu/Meridian
	1				&WC M/M Ch. 71-00-00 r corrosion. No defects i		s time. Applied LPS	Procyon to
	1	engi	ne inlet.					
		p/n 3 OPS	3939937 a checked	nd oring p good. No	he high pressure fuel pu /n AS3209-029 per Pratt eaks noted at this time.			
			CE RELEA and/or cor		lentified above was repa	ired and in	spected in accordan	ce with
	cu	rrent Fede	eral Aviatio	on Regulat	ions and was found airw	orthy for re	turn to service. Per	tinent details
		ned	alleron file	at this ac	ency under Work Order for Skytech		Date: July 24, 200 . Box 4942, Baltimor	
			CRS	# LF1R29	4K	,,		-,
							P.O. Box 4942. Ball	timore, Maryland 21220
	45		kytec	V, inc.				/ Fax: (410) 780-4439
	6		Experi	ience the Skyte	ch-Advantage		(110,000)	, , , , , , , , , , , , , , , , , , , ,
	- Williams							
						•		
		e Log En	try ember 18	2008	Hobbs:	1154.7	Registration #:	N62WM
	Engine Date: W/O:	e Log En Dec	try ember 18	, 2008 25532	Total Time: Cycles:	1154.7 1154.7 490	Registration #: Make/Model: S/N:	N62WM PT6A-42A PCE-RM0187
	Date: W/O:	Dec	ember 18	25532	Total Time: Cycles: TSO:	1154.7	Make/Model:	PT6A-42A
	Date: W/O:	Dec	ember 18	25532	Total Time: Cycles: TSO:	1154.7 490 	Make/Model: S/N:	PT6A-42A PCE-RM0187
	Date: W/O:	Dec	ember 18	25532 Inspection	Total Time: Cycles: TSO: on:	1154.7 490 	Make/Model: S/N: the Piper PA-46-500	PT6A-42A PCE-RM0187
	Date: W/O:	Dec	ember 18  00-HOUR  ormed an a	25532 Inspection annual/100 n MM Ch.	Total Time: Cycles: TSO:	1154.7 490  engine per	Make/Model: S/N: the Piper PA-46-500 Ch. 72-00-00.	PT6A-42A PCE-RM0187
	Date: W/O:	prmed a 1 Perfo Malib	ormed an a the follower and the follower	25532 Inspection annual/100 in MM Ch. wing Spector	Total Time: Cycles: TSO: on: hour inspection of the estatement of	1154.7 490  engine per 6A-42A MM appter 05-3	Make/Model: S/N: the Piper PA-46-500 Ch. 72-00-00. (0-00:	PT6A-42A PCE-RM0187
	Date: W/O:	Performed a 1 Performed with Performalib	ormed an abu/Meridian the following	25532 R Inspection annual/100 n MM Ch. wing Spe 00 hour n M/M Ch.	Total Time: Cycles: TSO: on: 0 hour inspection of the 6 5-20-00 and P&WC PT6 cial Inspections per Ch power recovery and 12-00-00 and P&WC M	1154.7 490  engine per 6A-42A MM rapter 05-3 turbine \( \) /M Ch. 71-0	Make/Model: S/N: the Piper PA-46-500 Ch. 72-00-00. <b>0-00:</b> wash per Piper	PT6A-42A PCE-RM0187 PTP PA-46-500TP
	Date: W/O:	primed a 1 Performalible Performalible Performalible Performalible Performalible Performalible Performalible Performalible	ormed an abu/Meridian rmed a 2 per 72-60-0	25532 2 Inspection annual/100 in MM Ch. wing Spe 00 hour in M/M Ch. 200 hour 00. No def	Total Time: Cycles: TSO:  On: Ohour inspection of the of 5-20-00 and P&WC PT6 cial Inspections per Chipower recovery and 12-00-00 and P&WC MAGB scavange screen ects noted.	1154.7 490  engine per 6A-42A MM napter 05-3 turbine v /M Ch. 71-( inspection	Make/Model: S/N: the Piper PA-46-500 Ch. 72-00-00. (0-00: wash per Piper 00-00. per the P&WC P	PT6A-42A PCE-RM0187 PTP PA-46-500TP
	Date: W/O: Perfo	Performed a 1 Performed with Performalib Performalib Performalib Performalib Performalib	ormed an abu/Meridian the following med a 2 der 72-60-0 ormed a 5	25532 R Inspection annual/100 in MM Ch. wing Spe 00 hour in M/M Ch. 200 hour 00. No def 00 hour re	Total Time: Cycles: TSO:  On: O hour inspection of the 6-5-20-00 and P&WC PT6 cial Inspections per Chipower recovery and 12-00-00 and P&WC MAGB scavange screen ects noted. duction gearbox scaven.	engine per 6A-42A MM capter 05-3 turbine v/M Ch. 71-(inspection ge screen i	Make/Model: S/N: the Piper PA-46-500 Ch. 72-00-00. (0-00: wash per Piper 00-00. per the P&WC P	PT6A-42A PCE-RM0187 PTP PA-46-500TP
	Date: W/O: Perfo	Performed a 1 Performed with Performalib	ormed an abu/Meridian the following a 2 cer 72-60-0 cmed a 50 the following a 50 the foll	25532 RInspection annual/100 n MM Ch. wing Spe 00 hour n M/M Ch. 200 hour 00. No def 00 hour re wing Airw	Total Time: Cycles: TSO:  On: O hour inspection of the 6 5-20-00 and P&WC PT6 cial Inspections per Ch power recovery and 12-00-00 and P&WC M AGB scavange screen ects noted. duction gearbox scaven orthiness Directives (A	and the second of the second o	Make/Model: S/N: the Piper PA-46-500 Ch. 72-00-00. O-00: wash per Piper 00-00. per the P&WC Pinspection.	PT6A-42A PCE-RM0187 PTP PA-46-500TP
	Date: W/O:  Perfo  Comp	primed a 1 Performation Malib AD no	on-HOUR ormed an a ou/Meridian ormed 10 ou/Meridian ormed 2 ormed a 2 or 72-60-0 ormed a 50 ormed a 50 ormed a 50	25532 Annual/10( n MM Ch. wing Spe 00 hour n M/M Ch. 200 hour 00. No def 00 hour re wing Airw ked to bi-w	Total Time: Cycles: TSO:  On: O hour inspection of the 6 5-20-00 and P&WC PT6 cial Inspections per Chipower recovery and 12-00-00 and P&WC MAGB scavange screen ects noted. duction gearbox scaven, orthiness Directives (Areekly 2008-25. See AD	and the second of the second o	Make/Model: S/N: the Piper PA-46-500 Ch. 72-00-00. O-00: wash per Piper 00-00. per the P&WC Pinspection.	PT6A-42A PCE-RM0187 PTP PA-46-500TP
	Date: W/O:  Perfo  Comp	Performed a 1 Performed a 1 Performalible Performant	ormed an abu/Meridian the following a 20 cer 72-60-0 cormed a 50 the following the following and a 50 the following a followin	25532  Inspection annual/10( n MM Ch. wing Spe 00 hour n M/M Ch. 200 hour 00. No def 00 hour re wing Airw ked to bi-w wing Serv er SL 1110	Total Time: Cycles: TSO:  On: O hour inspection of the 6 5-20-00 and P&WC PT6 cial Inspections per Ch power recovery and 12-00-00 and P&WC M AGB scavange screen ects noted. duction gearbox scaven orthiness Directives (A	engine per 6A-42A MM capter 05-3 turbine v/M Ch. 71-(inspection ge screen in AD's):	Make/Model: S/N: the Piper PA-46-500 Ch. 72-00-00. O-00: wash per Piper 00-00. per the P&WC Pinspection.	PT6A-42A PCE-RM0187 OTP PA-46-500TP
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	Date: W/O:  Perfo  Comp  Comp  Comp	Performed a 1 Performalia	ormed an abu/Meridian the following the following follow	25532 Inspection In MM Ch. In MM Ch. In MM Ch. In M/M C	Total Time: Cycles: TSO:  On: Ohour inspection of the of 5-20-00 and P&WC PT6 cial Inspections per Chipower recovery and 12-00-00 and P&WC MAGB scavange screen ects noted. duction gearbox scaven corthiness Directives (Areekly 2008-25. See AD ice Bulletins (SB's): Compressor turbine was rocyon to prevent corrossal items:	engine per 6A-42A MM capter 05-3 turbine v/M Ch. 71-(inspection ge screen in AD's):  log dated [Insh by inspection content of the by	Make/Model: S/N: the Piper PA-46-500 Ch. 72-00-00. 0-00: wash per Piper 00-00. per the P&WC Pinspection. December 18, 2008	PT6A-42A PCE-RM0187 TP PA-46-500TP T6A-42A MM
	Date: W/O:  Perfo  Comp  Comp	Performed a 1 Performed a 1 Performed a 1 Performed Malib Performed Malib Performed Malib Performed Malib Performed Malib	ormed an abu/Meridian remed a 2 ter 72-60-0 tes check the following ted the au/Meridian ted the au/Meridia	25532  Inspection annual/100 n MM Ch. wing Spe 00 hour n M/M Ch. 200 hour re 00 hour re wing Airw eed to bi-w wing Serv er SL 1110 Applied F g addition air condit n MM chap	Total Time: Cycles: TSO:  In: In: In: In: In: In: In: In: In: I	engine per 6A-42A MM capter 05-3 turbine v/M Ch. 71-(inspection ge screen i AD's): log dated [ sh by inspection.	Make/Model: S/N:  the Piper PA-46-500 Ch. 72-00-00.  wash per Piper 00-00.  per the P&WC P  nspection.  December 18, 2008  ecting the turbine inless per the Piper ad tensionmeter s/n	PT6A-42A PCE-RM0187 TP  PA-46-500TP  T6A-42A MM  et for  PA-46-500TP  Sky0073
	Date: W/O:  Perfo  Comp  Comp  Comp	performed a 1 Performed a 1 Performed a 1 Performed a 1 Performed Malib Performed Malib Performed Malib Performed Malib Performed Malib Reted the Adjus Malibi Safety	ormed an abu/Meridian remed a 2 ter 72-60-(ormed a 50) the following ted the following ted the following ted the abu/Meridian remed a 50 the following ted the abu/Meridian remed the abu/Meridian remed ted the abu/Meridian remedian remedi	25532  Inspection In MM Ch. Wing Spe On hour In M/M Ch. On hour re On hour re Wing Airw Ked to bi-w Wing Serv In State of Applied F In Addition In MM Chap CS clamps	Total Time: Cycles: TSO:  In: In: In: In: In: In: In: In: In: I	engine per 6A-42A MM capter 05-3 turbine v/M Ch. 71-(inspection ge screen i AD's): log dated [ sh by inspection.	Make/Model: S/N:  the Piper PA-46-500 Ch. 72-00-00.  wash per Piper 00-00.  per the P&WC P  nspection.  December 18, 2008  ecting the turbine inless per the Piper ad tensionmeter s/n	PT6A-42A PCE-RM0187 TP  PA-46-500TP  T6A-42A MM  et for  PA-46-500TP  Sky0073
	Date: W/O:  Perfo  Comp  Comp  Comp	perconstant of the perconstant o	ormed an abu/Meridian armed a 2 ter 72-60-0 tes check the following ted the abu/Meridian wired Pipe ted the abu/Meridian armed a 50 the following ted the abu/Meridian wired EO Meridian armed Pipe ted the abu/Meridian abu/Merid	25532  Inspection In MM Ch. Wing Specific On hour In M/M Ch. 200 hour In M/M Ch. 200 hour re Wing Airw Ked to bi-w Wing Serv In State of Applied F In Addition In MM Chap In MM	Total Time: Cycles: TSO:  In: In: In: In: In: In: In: In: In: I	engine per 6A-42A MM capter 05-3 turbine w/M Ch. 71-(inspection) ge screen in (AD's): log dated [Insh by inspection]. She by inspection.	Make/Model: S/N:  the Piper PA-46-500 Ch. 72-00-00.  vash per Piper 00-00.  per the P&WC P  nspection.  December 18, 2008  ecting the turbine inless per the Piper ad tensionmeter s/n afety wire, IAW the I	PT6A-42A PCE-RM0187 PTP  PA-46-500TP  T6A-42A MM  et for  PA-46-500TP  Sky0073.  Piper PA-46-
	Date: W/O:  Performance Comp Comp	perconstant of the perconstant o	ormed an abu/Meridian armed a 2 ar 72-60-0 armed Pipe abion NDN.  following ted the following ted the abu/Meridian armed pipe abu/Meridian armed pipe abu/Meridian armed abu/Meridian abu/M	25532  Inspection In MM Ch. Wing Specific to hour on M/M Ch. 200 hour recommended to hour recommended to bi-weige Service St. 1110 Applied For addition Applied For addition Ammunication MM chapter St. Camps MM chapter St. Camps MM chapter St. NR008	Total Time: Cycles: TSO:  In: In: In: In: In: In: In: In: In: I	engine per 6A-42A MM capter 05-3 turbine v/M Ch. 71-(inspection) ge screen in AD's): log dated [Insh by inspection]. Sh by inspection. Little engine with .042 stalled a new stalled a new series of the stalled a new series of t	Make/Model: S/N:  the Piper PA-46-500 Ch. 72-00-00.  vash per Piper 00-00.  per the P&WC P  nspection.  December 18, 2008  ecting the turbine inless per the Piper ed tensionmeter s/n afety wire, IAW the I	PT6A-42A PCE-RM0187  TP  PA-46-500TP  T6A-42A MM  et for  PA-46-500TP  Sky0073.  Piper PA-46- ng p/n
THIS PAGE	Date: W/O:  Perfo  Comp  Comp  Comp  I certif determ	rmed a 1 Performal Malib Safety 500TF Remore 30539 Yethat this inned to be	ormed as a conference of the following ted the au/Meridian wired Edward for the following ted the foll	25532  Inspection In MM Ch. Wing Special On hour In M/M Ch. 200 hour In M/M Ch. 200 hour re Wing Airw Wing Serv In St. 1110 Applied F In Addition In MM Chap In MM Ch	Total Time: Cycles: TSO:  In: In: In: In: In: In: In: In: In: I	engine per 6A-42A MM capter 05-3 turbine v/M Ch. 71-(inspection) ge screen in AD's): log dated [Insh by inspection]. Sh by inspection. Little engine with .042 stalled a new stalled a new series of the stalled a new series of t	Make/Model: S/N:  the Piper PA-46-500 Ch. 72-00-00.  vash per Piper 00-00.  per the P&WC P  nspection.  December 18, 2008  ecting the turbine inless per the Piper ed tensionmeter s/n afety wire, IAW the I	PT6A-42A PCE-RM0187  TP  PA-46-500TP  T6A-42A MM  et for  PA-46-500TP  Sky0073.  Piper PA-46- ng p/n

of the repair are on file at this agency under Work Order No: 25532 Date: December 18, 2008
Signed CRS# LF1R294K

CRS# LF1R294K

TO

TOTAL SINCE MFG.

	A PASE TOTAL						
1. Approvir	ng National Aviation y/Country:	2.	AUTHORIZED REI	EASE CERT	IFICATE		3. Form Tracking Number:
	nited States		FAA Form 8130-3, AIRW	ORTHINESS AP	PROVAL TAG		W0035674
PRINE TURBINES  REPAIR STA 630 Ba Barnstable Hyannis, Ma Tel. 50						le Road cipal Airport usetts 02601	5. Work Order/Contract/Invoice: W0035674
6. Item:	7. Description:		8. Part Number:	9. Eligibility:*	10. Quantity:	11. Serial Numb	per: 12. Status/Work:
1 2 3 4	PRI.ADAPTER ASSY SEC.ADAPTER ASSY INLET ADAPTER AS SHEATH	:	3100456-03 3100458-03 3100453-03 3119920-01	N/A N/A N/A	7 6 1 14	N/A N/A N/A N/A	REPAIRED REPAIRED REPAIRED
Part-145	NECESSARY PT6 FU 3021442 REV.43 SB3351 REV.3 COM	TEL NOZZLES  IPLIED WITH  ck 12/13 was carried 4786."	RE TESTED, FUNCTION TES REFERENCE P&W MAINTENA  d out in accordance with EASA Part-145 cision 2007/001/CF, as applicable to the	NCE MANUAL	P/N	mponent is conside	N62 (N 1)7/10 Hobbs 1366, 2 ared ready for release to service under EASA
						le 14. Code of Federal Regulations part 42 and in	
	rized Signature:	16. Ард	oroval/Authorization No:	20. Authorized	Signature: 1- 2	lass	21. Certificate/Approval Ref. No: UE5R246N
17. Name	(Typed or Printed):	18. Dat	e (m/d/y):	JAMES P.		,	23. Date (m/d/y): DEC/09/2009
This cert	ificate does not automatically co	actitute outhority to		er Responsibilities		- 400-	
Where the ensures of Statement	ne user/installer performs work in that his/her civil aviation authorit	n accordance with re- ty accepts items from nstitute installation c	i the civil aviation authority of the country :	specified in Block 1			in Block 1, it is essential that the user/installer accordance with the national regulations by the

<sup>\*</sup> Installer must cross-check eligibility with applicable technical data

1.	Approv Vational Aviation Author/Country:	2.		BERNALD TO		3. Form Tracking Number.	10
	AUTHORIZED RELEASE CERTIFICATE					12755	
FA	AA/UNITED STATES	FAA FORM 8130-3, AIRWORTH	INES	SAPPROVAL	TAG		
4. Orga	nization Name and Address.	Atech Turbine Components, Inc. Repair Station: VTV	/R906K			5. Work Order, Contract or Invoice Number:	
		Repair Station VTVR906K / EASA 4178  1 St. Mark St			1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	05257	
		Auburn, MA 01501 United States of America				05257	
		Officed States of Afficiate					
6. Item		8. Part Number:		9. Eligibility: *	10. Quantity		12. Status/Work:
1	Inner Combustion Liner	3114842-01		N/A		1 65N969	SERVICEABLE
	MARKS ED EN INSPECTED FOUNT	TO BE SERVICEABLE IAW PWC O/H/M3021443 REV#	42 1115	110/00 SECTION 72	40.01	//	621N
	25,111, 110, 25, 25, 100, 11	TO DE CENTREMENTALE INVO PARO ON INVISUE 1445 REVIEW	42 301	1 19/09 SECTION 72-	40-01.	1	621N 1/7/10 106691366.2
						H	06691366.2
Engine							
		k specified in block 12/13 was carried out in accordance wi under EASA Acceptance Certificate Number: EASA.4178	ith EASA	145 and with respec	t to that work the	e aircraft component is considere	ed ready
4Cert	ifies the items identified above	e were manufactured in conformity to:	1 19	14 CFR 43.9 R	eturn to Service	X Other regulation sp	pecified in Block 13
	annroyed design data and are	in a condition for safe operation.				n Block 13, the work identified in	
			des	cribed in Block 13 was	s accomplished	in accordance with Title 14, Cod	e of Federal
□ n	lon-approved design data spe	cified in Block 13	Reg	ulations, part 43 and	in respect to tha	t work, the items are approved for	or return to service.
45.4	h : 10: 1	AC Assert Authorization No.	20. 4	uthorized Signature:		24. A	N.   5000 445 4470
15. Au	thorized Signature:	16. Approval Authorization No:	20.7	denotized Signature.		21. Approval/Certificate VTVR906K	No: EASA 145.4178
17. Na	me (Typed of Printed):	18. Date (m/d/y):	22. N	ame (Typed or Printed	d):	23. Date (m/d/y):	
		Dec/15/2009		P. Stelmach		Dec/15/2009	
		User/Installer	Respon	sibilities	-		
is impo	ortant to understand that the e	xistence of this document alone does not automatically cor	-		part/component/	/assembly.	
							4 % in account of the st
ne user	installer ensures that his/her	dance with the national regulations of an airworthiness auth airworthiness authority accepts parts/components/assembli	es from	the airworthiness aut	hority of the cou	ntry specified in Block 1.	The is essential that
		constitute installation certification. In all cases aircraft main	tenance	records must contain	n an installation	certification issued in accordance	e with the national
egulatio	ns by the user/installer before	the aircraft may be flown.					

1. A	Authorial Aviation Authorial Aviation	2.			3. Form Tracking Number.	
	A/UNITED STATES	AUTHORIZED RE FAA FORM 8130-3, AIRW	ELEASE CERTIFICAT VORTHINESS APPROVA		12756	
. Organ		Atech Turbine Components, Inc. Repair S Repair Station VTVR906K / EASA 4178 1 St. Mark St	Station: VTVR906K	lı lı	5. Work Order, Contract or nvoice Number:	
		Auburn, MA 01501 United States of America			05257	
6. Item	7. Description:	8. Part Number:	9. Eligibility: *	10. Quantity:	11. Serial/Batch Number:	12. Status/Work:
1	Outer Combustion Liner	3055667-01	N/A	1	64N859	REPAIR
13. REM		0021443 REV#42 JUN 19/09 SECTION 72-40-0	24		NGZI N	
VELD IX	LET AIRLED IAW T WO ON MINO	921443 NEVIA2 30N 19/09 SECTION 72-40-0	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,		N621 N 1/7/10 H0665-1	3/62
					Ho605-1	26015
	"Certifies that the work for release to service in	k specified in block 12/13 was carried out in accunder EASA Acceptance Certificate Number: EA	ASA.4178			
A	"Certifies that the worl for release to service of fies the items identified above pproved design data and are i	under EASA Acceptance Certificate Number: EA were manufactured in conformity to: in a condition for safe operation.	19 X 14 CFR 43.9  Certifies that unless othe described in Block 13 was	Return to Service erwise specified in Bl as accomplished in a	Other regulation specock 13, the work identified in Biccordance with Title 14, Code of	cified in Block 13 lock 12 and of Federal
A Certif	"Certifies that the worl for release to service the items identified above	under EASA Acceptance Certificate Number: EA were manufactured in conformity to: in a condition for safe operation.	19 X 14 CFR 43.9  Certifies that unless othe described in Block 13 was	Return to Service erwise specified in Bl as accomplished in a	X Other regulation specock 13, the work identified in B	cified in Block 13 lock 12 and of Federal
A Certif	"Certifies that the worl for release to service of fies the items identified above pproved design data and are i	under EASA Acceptance Certificate Number: EA were manufactured in conformity to: in a condition for safe operation.	19 X 14 CFR 43.9  Certifies that unless othe described in Block 13 was	Return to Service erwise specified in Bl as accomplished in a	Other regulation spectock 13, the work identified in Biccordance with Title 14, Code ork, the items are approved for a 21. Approval/Certificate No	cified in Block 13 lock 12 and of Federal return to service.
A Certif	"Certifies that the word for release to service of the items identified above approved design data and are into approved design data specifies."	under EASA Acceptance Certificate Number: EASA very were manufactured in conformity to: in a condition for safe operation. cified in Block 13	ASA.4178  19 X 14 CFR 43.9  Certifies that unless other described in Block 13 was Regulations, part 43 and	Return to Service erwise specified in Bl as accomplished in a	Other regulation specock 13, the work identified in Becordance with Title 14, Code ork, the items are approved for the state of the sta	cified in Block 13 lock 12 and of Federal return to service.
A Certii	"Certifies that the word for release to service of the items identified above approved design data and are into approved design data specifies."	under EASA Acceptance Certificate Number: EASA very were manufactured in conformity to: in a condition for safe operation. cified in Block 13	ASA.4178  19 X 14 CFR 43.9  Certifies that unless other described in Block 13 was Regulations, part 43 and	Return to Service erwise specified in Bl as accomplished in a d in respect to that wo	Other regulation spectock 13, the work identified in Biccordance with Title 14, Code ork, the items are approved for a 21. Approval/Certificate No	cified in Block 13 lock 12 and of Federal return to service.
A Certii	"Certifies that the word for release to service of the street items identified above approved design data and are into approved design data specifies."	under EASA Acceptance Certificate Number: EASA very manufactured in conformity to: in a condition for safe operation.  cified in Block 13  16. Appreval Authorization No:	ASA.4178  19 X 14 CFR 43.9  Certifies that unless othe described in Block 13 was Regulations, part 43 and 20. Authorized Signature:	Return to Service erwise specified in Bl as accomplished in a d in respect to that wo	Other regulation special content of the content of the coordance with Title 14, Code or or of the coordance with Title 14, Code or of the coordance with Title 14, Code or of the code o	cified in Block 13 lock 12 and of Federal return to service.
A. Certif	"Certifies that the word for release to service of the street items identified above approved design data and are into on-approved design data spectrospectrum."  In a street items identified above above items identified above approved design data and are into on-approved design data spectrum.  In a street items identified above above items identified above items id	under EASA Acceptance Certificate Number: EASA very manufactured in conformity to: in a condition for safe operation.  cified in Block 13  16. Appreval Authorization No:  18. Date (m/d/y): Dec/15/2009  User	19. X 14 CFR 43.9 Certifies that unless othe described in Block 13 was Regulations, part 43 and 20. Authorized Signature: 22. Name (Typed or Printed David P. Stelmach	Return to Service erwise specified in Bl as accomplished in a d in respect to that wo	Other regulation special pock 13, the work identified in Biccordance with Title 14, Code ork, the items are approved for a 21. Approval/Certificate No VTVR906K  23. Date (m/d/y): Dec/15/2009	cified in Block 13 lock 12 and of Federal return to service.
A. Certif	"Certifies that the word for release to service of the service of	under EASA Acceptance Certificate Number: EASA very manufactured in conformity to: in a condition for safe operation.  cified in Block 13  16. Appreval Authorization No:  18. Date (m/d/y):  Dec/15/2009  Usern  xistence of this document alone does not automatical statements.	ASA.4178  19 X 14 CFR 43.9  Certifies that unless other described in Block 13 was Regulations, part 43 and 20. Authorized Signature:  22. Name (Typed or Printed David P. Stelmach P. Stel	Return to Service erwise specified in Bl as accomplished in a d in respect to that wo	Other regulation special cock 13, the work identified in Biccordance with Title 14, Code ork, the items are approved for it.  21. Approval/Certificate No VTVR906K  23. Date (m/d/y): Dec/15/2009	cified in Block 13 lock 12 and of Federal return to service.
A Certif	"Certifies that the work for release to service of the street items identified above proved design data and are in on-approved design data spectrostated Signature:  Interest of Printed items in according to the street in the s	under EASA Acceptance Certificate Number: EASA very manufactured in conformity to: in a condition for safe operation.  cified in Block 13  16. Appreval Authorization No:  18. Date (m/d/y): Dec/15/2009  User	19 X 14 CFR 43.9  Certifies that unless othe described in Block 13 w. Regulations, part 43 and 20. Authorized Signature:  20. Authorized Signature:  22. Name (Typed or Printed David P. Stelmach P. S	Return to Service erwise specified in Blas accomplished in a d in respect to that wo addin respect to that wo ed):  part/component/asserthiness authority of the	Other regulation specified in Biock 13, the work identified in Biocordance with Title 14, Code ork, the items are approved for it.  21. Approval/Certificate No     VTVR906K  23. Date (m/d/y):     Dec/15/2009  embly.  the country specified in Block 1 it specified in Block 1.	cified in Block 13 lock 12 and of Federal eturn to service.  EASA 145.4178

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1. Approving National Aviatio Authority/Country:		<b>AUTHORIZE</b>	D RELEASE	CERTIF	<b>ICATE</b>		3. Form Tracking	Number:
	FAA	A Form 8130-3, A	IRWORTHIN	ESS APPR	OVAL TA	G	1	
FAA/UNITED STATES	E. Sie		ř.				57	168
4. Organization Name and Address Dallas Altmotive.  884 Aviation		Dallas RTC 7511 LEMMO DALLAS	ON AVE. HANGER C	USA		91	5. Work Order/Cont Work Order	ract/Invoice Number:
5. Item: 7. Description:	ROLL TO THE PARTY OF THE PARTY	8. Part Number:		9. Eligibility:*	10. Quantity:	11 Serie	l/Batch Number:	12 544 777 1
1 THERMCOUPLE	a produce	3116133-01		N/A	3	III SCIIA	NSN	12. Status/Work OVERHAULED,
<u> </u>	ove were manufactured in	n conformity to:	19. X 14 CI Certifies 13 was ac	R 43.9 Return to Se	rvice e specified in block i dance with Title 14	X Othe	Hôb er regulation specifie	65-136610 d in Block 13
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	pove were manufactured in the in condition for safe of specified in Block 13.  16. Approval  18. Date (Mo  existence of this Document ordance with the national regression of the constitute installation continues.	peration.  D/Authorization No.:  on/DD/YYYY):  Ut alone does not automatically components/accomblides not automatically components/accomblides and a parts/components/accomblides.	19. X 14 CI Certifies 13 was ac that work  20. Authorized SEAN HUTCI  22. Name (Typ SEAN HUTCI  User/Installer Respon onstitute authority to instal Authority different than the	R 43.9 Return to Se that unless otherwise complished in accord, the items are approximately approximately according to the items are approximately approximately according to the items are approximately	ervice  specified in block in in blo	X Othe  X Othe  13, the work id  Code of Feder  21. Appro  23. Date (N	er regulation specified entified in block 12 ral Regulations, part eval/Certificate No.: YRRR491L Mon/DD/YYYY): JUN/23/2009	d in Block 13  and described in Block t43 and in respect to

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#### PISTER SERVICE INTERESTRATE Autorité de l'aviation du pays d'approbation / pays BON DE SORTIE AUTORISÉE - AUTHORIZED RELEASE CERTIFICATE Approving national aviation authority/ country 3. Numéro de suivi du formulaire - Form Tracking No. 81292676 - 000018 **Transport Canada** TCCA 24-0078 1291293 Nom et adresse de l'organisme agréé - Approved Organization Name and Address Pratt & Whitney Canada Cie. / Pratt & Whitney Canada Corp. 5. Bon de travail/contrat/facture - Work Order/Contract/Invoice 1000 boul, Marie-Victorin **Pratt & Whitney Canada** Longueuil, Québec 2263351 Une société de United Technologies / A United Technologies Company Canada J4G 1A1 156503 (450) 677-9411 6. Article - Item 7. Description 8. N° de la pièce - Part No. 9. Admissibilité - Eligibility \* 10. Qté - Qtv | 11. N° de série/de lot - Serial/Batch No. 12. État / Travail - Status / Work WASHER-FLAT .155 X.240 X.035 000001 3105135-01 **VARIOUS** 100 EA N/A MANUFACTURED 3. Remarques - Remarks Note: Les numéros de série figurant sur les étiquettes ou sur les pièces servent a la fabrication et ne doivent pas être inscrits sur le présent certificat. Note: Any serial numbers that may be present on labels or parts are for manufacturing purposes and need not be referenced on this certificate. 1/7/10 1366,2 0 Holbs-1366,2 Le cas échéant, la durée de stockage est précisée sur l'emballage de l'article - When applicable, shelf life is indicated on the item packaging. "Le numéro de pièce identifié sur la pièce peut inclure un suffixe alphabétique. Ce suffixe alphabétique "The part number marked on a part may include an alpha suffix. This alpha suffix denotes the part's dénote le niveau de revision de la pièce. Tous les niveaux de revision pour une pièce donnée sont revision level. All revision levels for a given part number are fully interchangeable. The part's revision level is not required for this certification. parfaitement interchangeables. Le niveau de revision d'une pièce n'est pas requis pour ce certificat." Le présent bon certifie que les articles indiqués ci-dessus ont été construits conformément à : Certifies that the items identified above were manufactured in conformity to : Certification après maintenance en vertu du RAC 571.10 - CAR 571.10 Maintenance Releas Des données de conception approuvées et qu'ils peuvent être utilisés en toute sécurité Approved design data and are in condition for safe operation. Autre réglementation précisée à la case 13 - Other regulations specified in ble Le présent bon certifie que, à moiss d'indication contraire apparaissant à la case 13 de travail indiqué à la case 12 et décrit à la case 13 à été effectué conformément au RAC 571. Certifies that, except where otherwise specified in block 13, the work identified in block 12 and described in block 13 Des données de conception non approuvées indiquées à la case 13. Non approved design data specified in block 13. was performed in accordance with CAR 571.

15. Signature autorisée - Authorized Signature 17.Nom - Name

16. Ref.d'autorisation - Authorisation Ref

(E) T.O. 4-68 NO. 035 4 - 58

18. Date (JJ/MMM/AAAA- DD/MMM/YYYY) 08/JAN/2009

20. Signature autorisée - Authorized Signature 21. Ref.d'autorisation -Authorisation Ref. No.

22. Nom - Name 23. Date (JJ/MMM/AAAA DD/MMM/YYYY)

D. Latulippe 24-0078 (12-09-2001) - P&WC 5720 (2005-03) \* Le monteur doit contre-vérifier l'admissibilité avec les données approuvées - \*Installer must cross-check eligibility with approved data

. Le présent document n'autorise aucunement le montage de la pièce.

2. Si le moteur se base sur la réglementation nationale d'une autorité de navigabilité autre que celle indiquée à la case 1, il doit l'assurer que l'autorité de navigabilité dont il relève accepte les produits ou les travaux de maintenance de l'autorité de navigabilité ndiquée à la case 1.

Les énoncés des cases 14 et 19 ne constituent en aucune façon une certification du montage. Dans tous les case, le dossier echnique de l'aéronef doit renfermer une certification de montage délivrée conformément à la réglementation de l'État l'immatriculation, et ce, avant que tout vol puisse avoir lieu.

1. This document does not constitute authority to install the part.

2. Where the installer works in accordance with the national regulations of an airworthiness authority other than the authority specified in block 1, the installer must ensure that his/her airworthiness authority accepts products or maintenance from the airworthiness authority

3. Statements 14 and 19 do not constitute installation certification. In all cases, the aircraft technical record must contain an installation certification, issued in accordance with the national regulation of the state of registry, before the aircraft may be flown.

P&WC JR3-6836-E (2007-12)

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<ol> <li>Autorité de l'aviation du pays d'approbation / pays Approving national aviation authority/ country</li> </ol>	2. BON DE SORTIE AUTO	RISÉE - AUTHO	RIZED RELEASE	CERTIFICATE	3. Numéro de suivi	du formulaire - Form Tracking No.	
Transport Canada	TCCA 24	81400499 - 000018			1400499 - 000018 1394891		
4. Nom et adresse de l'organisme agréé - Approved Organization Pratt & Whitney Canada Une société de United Technologies /A United Technologies Compar	1000 l Longu Canac	Name and Address  Pratt & Whitney Canada Cie. / Pra 1000 boul. Marie-Victorin Longueuil, Québec Canada J4G 1A1 (450) 677-9411			5. Bon de travail/co	travail/contrat/facture - Work Order/Contract/Invi 2301308 179853	
Article - Item 7. Description	8. N° de la pièce - Part No.		Eligibility * 10. Qté - Qt	11. N° de série/de	lot - Serial/Batch No.	12. État / Travail - Status / Work	
000001 RING-SEALING, TURBINE EXHAUST DUCT	3038315	VARIO	JS 17 E	4	N/A	MANUFACTURED	
Note: Les numéros de série figurant sur les Note: Any serial numbers that may be pres	Contabels or parts are	for manufactu	ring purposes an	d need not be r	eferenced on th	e présent certificat. is certificate.  3 1 N 7 10 3 6 6 9	
Le cas échéant, la durée de stockage est précisée sur l'embal "Le numéro de pièce identifié sur la pièce peut inclure un suffixe dénote le niveau de revision de la pièce. Tous les niveaux de parfaitement interchangeables. Le niveau de revision d'une pièce	alphabétique. Ce suffixe alphabé	tique The pa	rt number marked on a	part may include a	n alpha suffix. This a mber are fully interch	alpha suffix denotes the part's langeable. The part's revision	
14. Le présent bon certifie que les articles indiqués ci-dessus ont été construits Certifies that the items identified above were manufactured in conformity to  Des données de conception approuvées et qu'ils peu Approved design data and are in condition for safe op  Des données de conception non approuvées indiquée Non approved design data specified in block 13.	vent être utilisés en toute sécur veration. es à la case 13.	19. Le pré décrit Certifi was p	Autre réglem Sent bon certifie que, à n à la case 13 à été effect. se that, except where effermed in accordance v	près maintenance en ventation présisée à loins d'indication conté conformément au Remisse specified in blovith CAR 571.	rertu du RAC 571.10 - la case 13 - Other re	CAR 571.10 Maintenance Release guiations specified in block 13. case 13, le travail indiqué à la case 12 et led in block 12 and described in block 13	
15. Signature autorisée - Authorized Signature	7, 6 -1000	- 58		thorized Signature	21. Re	ef.d'autorisation - Authorisation Ref. N	
17.Nom - Name M. Coutu	18. Date (JJ/MMM/AAAA- DD/MMM 05/OCT/2009	IMM)	S	/O - N/A	23. D	side (JJ/MMM/AAAA- DD/MMM/YYYY) S/O - N/A	

24-0078 (12-09-2001) - P&WC 5720 (2008-03) \* Le monteur doit contre-vérifier l'admissibilité avec les données approuvées - \*Installer must cross-check eligibility with approved data

- 1. Le présent document n'autorise aucunement le montage de la pièce.
- 2. Si le moteur se base sur la réglementation nationale d'une autorité de navigabilité autre que celle indiquée à la case 1, il doit s'assurer que l'autorité de navigabilité dont il relève accepte les produits ou les travaux de maintenance de l'autorité de navigabilité indiquée à la case 1.
- 3. Les énoncés des cases 14 et 19 ne constituent en aucune façon une certification du montage. Dans tous les case, le dossier technique de l'aéronef doit renfermer une certification de montage délivrée conformément à la réglementation de l'État d'immatriculation, et ce, avant que tout vol puisse avoir lieu.
- 1. This document does not constitute authority to install the part.
- 2. Where the installer works in accordance with the national regulations of an airworthiness authority other than the authority specified in block 1, the installer must ensure that his/her airworthiness authority accepts products or maintenance from the airworthiness authority specified in block 1.
- Statements 14 and 19 do not constitute installation certification. In all cases, the aircraft technical record must contain an installation certification, issued in accordance with the national regulations of the state of registry, before the aircraft may be flown.

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Approving natio	ité de l'aviation du pays d'approbation / pays print de l'aviation du pays d'approbation / pays print de l'aviation du pays d'approbation / pays print de l'aviation authority/ country  2. BON DE SORTIE AUTORISÉE - AUTHORIZED RELEASE CERTIFICATE  TCCA 24-0078						du formulaire - Form Tracking No. 31412785 - 000001 1406283
	osse de l'organisme agréé - Approved Organiza Pratt & Whitney Canada Une société de United Technologies /A United Technologies Com	1000 b Longu Canad	& Whitney Canada Cie. / Pooul. Marie-Victorin euil, Québec la J4G 1A1 677-9411	ratt & Whitney	Canada Corp.	5. Bon de travail/co	ontrat/facture - Work Order/Contract/Invol 2305631 182466
6. Article - Item	7. Description	8. N° de la pièce - Part No.	9. Admissibilité - Eligibility *	10. Qté - Qty 11	. N° de série/de l	ot - Serial/Batch No.	12. État / Travail - Status / Work
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Des do	onnées de conception approuvées et qu'ils p ved design data and are in condition for safe onnées de conception non approuvées indiq oproved design data specified in block 13.	euvent être utilisés en toute sécur operation. uées à la case 13.	Le présent bon ce décrit à la case 1 Certifies that, exc was performed in	ertifie que, à moins 3 à été effectué co cept where otherwis accordance with 0	d'indication cont nformément au R se specified in blo AR 571.	raic apparaissant à la AC 571. ock 13, the work identif	egiations specified in block 13.  a case 13, le travail indiqué à la case 12 et fied in block 12 and described in block 13  ef.d'autorisation - Authorisation Ref. N
15. Signature at	utorisée - Authorized Signature	16. Ref.d'autorisation - Authorisa			- N/A		S/O - N/A
	20200	18. Date (JJ/MMM/AAAA-DD/MMM	- 58	310	- 11/7	23. 🗅	
17.Nom - Name	M. Coutu	03/NOV/2009		S/O	- N/A		S/O - N/A
24-0078 (12-09-2001  1. Le présent docume  2. Si le moteur se bas s'assurer que l'autorit indiquée à la case 1.  3. Les énoncés des clachaires de l'aéron	) - P&WC 5720 (2008-03)* Le monteur doit contre-vérifies ent n'autorise aucunement le montage de la pièce. asse sur la réglementation nationale d'une autorité de navié de navigabilité dont il relève accepte les produits ou les cases 14 et 19 ne constituent en aucune façon une cert ef doit renfermer une certification de montage délix e, avant que tout vol puisse avoir ileu.	r l'admissibilité avec les données approuvées rigabilité autre que celle indiquée à la case s travaux de maintenance de l'autorité de na	1. This document doe     1. Il doit vigabilité block 1, the installer specified in block 1.     3. Statements 14 and	r works in accordance	with the national refer airworthiness a	egulations of an airworthin uthority accepts products	ness authority other than the authority specified s or maintenance from the airworthiness author creaft technical record must contain an installati efore the aircraft may be flown.

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Approving na	aviation du pays d'approbation / pays Itional aviation authority/ country  Transport Canada  Iresse de l'organisme agréé - Approved Organizat  Pratt & Whitney Canada	ion Name and Address Pratt 8	RISÉE - AUTHORIZED RI FCCA 24-0078  & Whitney Canada Cie. / Proul. Marie-Victorin auii, Québec		8	uméro de suivi du formulaire - Form Tracking No.  81412748 - 000015  1406204  Bon de travail/contrat/facture - Work Order/Contract/Invoice  2305631	
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15. Signature	autorisée - Authorized Signature	16. Ref.d'autorisation - Authorisa	ation Ref. No.20. Signature	autorisée - Authorized	Signature 21	. Ref.d'autorisation - Authorisation Ref. N	
	-24200	1, 2, 3, 1, 0, 0, 0, 0	- 58	S/O - N	/A	S/O - N/A	
17.Nom - Name	M. Coutu	18. Date (JJ/MMM/AAAA- DD/MMM 03/NOV/2009	MYYYY)	S/O - N	24.0	3. Date (JJ/MMM/AAAA-DD/MMM/YYYY) S/O - N/A	
	M. Coutu  21) - P&WC 5720 (2008-03) * Le monteur doit contre-vérifier nent n'autorise aucunement le montage de la pièce.					S/O - N/A	

- 2. Si le moteur se base sur la réglementation nationale d'une autorité de navigabilité autre que celle indiquée à la case 1, il doit s'assurer que l'autorité de navigabilité dont il relève accepte les produits ou les travaux de maintenance de l'autorité de navigabilité indiquée à la case 1.
- 3. Les énoncés des cases 14 et 19 ne constituent en aucune façon une certification du montage. Dans tous les case, le dossier technique de l'aéronef doit renfermer une certification de montage délivrée conformément à la réglementation de l'Etat d'immatriculation, et ce, avant que tout vol puisse avoir lieu.
- 12. Where the installer works in accordance with the national regulations of an airworthiness authority other than the authority specified in block 1, the installer must ensure that his/her airworthiness authority accepts products or maintenance from the airworthiness authority specified in block 1.
- 3. Statements 14 and 19 do not constitute installation certification. In all cases, the aircraft technical record must contain an installation certification, issued in accordance with the national regulations of the state of registry, before the aircraft may be flown.

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Transport Canada	- Τ	CCA 24-0078		5. Bon de travail/contrat/facture - Work Order/Contract/Invoice		
4. Nom et adresse de l'organisme agréé - Approved Organization  Pratt & Whitney Canada  Une société de United Technologies /A United Technologies Com	Longueuil, Québec				2305631 182466	
6 Article - Item 7. Description	8. N° de la pièce - Part No.	9. Admissibilité - Eligibility * 1	. Qté - Qty 11. N° c	e série/de lot - Serial/Batch No.	12. État / Travail - Status / Work	
6. Article - Item 7. Description  000001 GASKET-4.420 BOLT CIRCLE,8 HOLE	3116033-01	VARIOUS	12 EA	N/A	MANUFACTURED	
13. Remarques - Remarks  Note: Les numéros de série figurant sur le Note: Any serial numbers that may be pres  CERTIFIED TRUE  TRUE  Le cas échéant, la durée de stockage est précisée sur l'emba "Le numéro de pièce identifié sur la pièce peut inclure un suffixe de stockage est presidente un suffixe de la controlle de	allage de l'article - When applicab	le, shelf life is indicated on t	ne item packaging arked on a part ma ision levels for a ni	y include an alpha suffix. This yen part number are fully interv	e présent certificat. his certificate.  N  65 1366, 2  alpha suffix denotes the part's changeable. The part's revision	
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- Le présent document n'autorise aucunement le montage de la pièce
- 2. Si le moteur se base sur la réglementation nationale d'une autorité de navigabilité autre que celle indiquée à la case 1, il doit s'assurer que l'autorité de navigabilité dont il relève accepte les produits ou les travaux de maintenance de l'autorité de navigabilité indiquée à la case 1.
- 3. Les énoncés des cases 14 et 19 ne constituent en aucune façon une certification du montage. Dans tous les case, le dossier technique de l'aéronef doit renfermer une certification de montage délivrée conformément à la réglementation de l'État d'immatriculation, et ce, avant que tout vol puisse avoir lieu.
- 2. Where the installer works in accordance with the national regulations of an airworthiness authority other than the authority specified in block 1, the installer must ensure that his/her airworthiness authority accepts products or maintenance from the airworthiness authority specified in block 1.
- Statements 14 and 19 do not constitute installation certification. In all cases, the aircraft technical record must contain an installation certification, issued in accordance with the national regulations of the state of registry, before the aircraft may be flown.

	ytech, inc.  Experience the Skytech	-Advantage	2. 株 · · · · · · · · · · · · · · · · · ·	P.O. Box 4942, Balti Phone: (410) 574-4144	more, Maryland 21220 / Fax: (410) 780-4439	LICENCE
Engine Log Ent Date: M N/O:	ry ay 20, 2009 26068	Hobbs: Total Time: Cycles:	1252.4 1252.4 544	Registration #: Make/Model: S/N:	N62WM PT6A-42A PCE-RM0187	
corros Turbin chapte Perfor Install lockwi Install MAINTENANC The aircraft a	on inhibitor IAW Pipe Wash Preventive of 72-20-00. No corremed engine borosco ed new safety on a re. ed new alternator co ERELEASE and/or component ide	per SL 1110 - Pratt of Maintenance dated usion noted at this tir pe inspection IAW Futo-feather pressure oling hose adel p/n I entified above was re	& Whitney SI February 8, 2 ne. P&WC MM ch e switch elec MS21919WH	spected in accordance	compressor 6A-42A MM  . g .025 inch  . ce with	
of the repair a	re on file at this age	ncy under Work Ord for Skyt	der No: 2606	eturn to service. Perti 8 Date: May 20, 200 D. Box 4942, Baltimor	9	
		93 Old Co Marshfield	Aviation, Inc. olony Lane , MA 02050 37-8521		2	
	N#: N621N Date: 01-07-2010	Ser. #: 4697177	ACTT: 1366.	Eng TT: 1366.2 TCSN: 1366		
	as part of the aborcombustion liner. combustion liner for chapt. 72-50-02 (6 Combustion liner Components (see per MM chapt. 72-grinding was compute to evidence or chapt. 72-50-02 (8)	ve 400 hr. insp. rev Engine was split a for repair. C.T. blace (3)(A) and were mean crack repairs comp attached 8130-1 for -40-01 (D). Some lepleted at the 4 o'clo for blade tip material (3). One O/H ITT p	realed excest "C" flange de tip clearan asured at .00 leted by A-T porms for detailight localize ock position transfer. C. robe installe	nces checked per M 08" to .013".	M led	
	certify that this eng	ea coated with LPS eted 200 hr. A.G.B. hal check satisfactor gine has been insp was determined to	Procyon co screen inspory with no fu ected in acc be in airwort	eating to prevent  D. Engine ground  Luel or oil leaks noted  cordance with an		) 
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### ENGINE SERVICE AND

	TIME	RUN		SINCE			TIONS, INSPECTIONS,	1	
DATE	HRS.	MIN.	HRS.	MIN.	NOTE: USE BO	TH PAGES AND AS	MANY LINES AS REQUIRED FOR	COMPLETE	
BROUGHT		-							
October 1, 201	0		1513.3	Hobbs		N621N	Hobbs: 1434.9	May 7, 2010	
Recovered airconnection equipment. Consumer wash solution. The motoring run and wash equipment wash equipment and the motoring run and wash equipment with the motoring run and wash equipment.	nducted Waited nd inject nt. Con	d motor one ha ted dei ducted	ing run If hour onized engine	and inj and con water. drying i	nducted Removed run to 80%	Complied with power recovery wash and rinse in accordance with P&WC PT6 MM Chapter 71-10-0 Removed P3 filter during wash. Installed and safetied P3 filter after wash. Ran engine to 80% for one minute.			
John Dupre' 2334833 A&P						John Dupre	e'	2334833A&P	
	angar 1 Ha	ure Fligl 1274 Ro anscom 1assach	bbins S Field	Street		E	Signature Flight Supp Hangar 1724 Robins S Hanscom Field Bedford, Massachusetts	treet	
	SI	horeline A 93 Old Co flarshfield, 781-83	MA 0205	nc. 60				U	
Date: 01-31-2011	er. #: 469 lobbs: 15	54.8 E	Ma TT	1554,	•				
Completed Annual Event #1 & #2 insp BP2380 engine oil. performance recove manual. Engine gro fuel or oil leaks note accordance with an condition.	Retension of the Retens	FAR 43, an apt. 5 of oned the and C.T. op and fund	app. D us the MM a alternator water wa ctional ch	sing Piper as a guide drive belt sh per the neck satisf	forms for Added 2 qts. Completed maint. factory with no				
								°5	
John E. Sheehan A+	Q 3439269	) IA							
			Paris.			· · · · · · · · · · · · · · · · · · ·			
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× 4									
OTAL THIS PAGE	š				CARRIED FOR				
REVIOUS SUMMARY									

## Aircraft Maintenance Record



Signature Flight Support Hangar 1724 Robins St. Hanscom Field Bedford, MA 01730

WO: 2500

#### Airframe

S/N: 4697177

Aircraft Registration: N621N Total Time (Hobbs): 1451.7

Date: June 14, 2010

### **Description of Work:**

 Performed compressor performance recovery wash and rinse IAW Piper AMM Ch 12-00-00 and PWC EMM. Ground ran and found sat.

#### Service Bulletin Compliance:

None

### **Airworthiness Directive Compliance:**

None

Signature: Kelvin Wiebe Helm Fiele
Certificate Type/No.: A&P 2841895
<ul> <li>[X] "I certify that the maintenance and/or alteration described above was accomplished in accordance with the requirements of 14 CFR 43, and with respect to the work performed is airworthy and approved for return to service."</li> <li>[] "I certify that this Aircraft has been inspected in accordance with the inspection(s) described above, and was determined to be in airworthy condition."</li> <li>[] "I certify that this aircraft has been inspected in accordance with the inspections described above, and a list of discrepancies and unairworthy items dated (N/A) has been provided for the aircraft owner or operator."</li> </ul>

NGDIN ACTT 1753.2

					1 -0.710	MCI 1100-10
Authori	ing National Aviation 2. ty/Country:	AUTHORIZED REI FAA Form 8130-3, AIRW				3. Form Tracking Number:
FAA/U	United States	FAA FOIII 8 130-3, AIRW	ON I HINESS AF	PROVAL TAG		W0041223
4. Organiza	ation Name and Address:	ME TURBINES	REPAIR STATION UE5R246N 630 Barnstable Road Barnstable Municipal Airport Hyannis, Massachusetts 02601 Tel. 508-771-4744			5. Work Order/Contract/Invoice: W0041223
6. Item:	7. Description:	8. Part Number:	9. Eligibility:*	10. Quantity:	11. Serial Number:	12. Status/Work:
1 2 3 4	PRI.ADAPTER ASSY. SEC.ADAPTER ASSY. INLET ADAPTER ASSY. SHEATH	3100456-03 3100458-03 3100453-03 3119920-01	N/A N/A N/A N/A	7 6 1 14	N/A N/A N/A N/A	REPAIRED REPAIRED REPAIRED REPAIRED
13. Remark		London Company		Albana mana		
"Reference	3021442 REV. 45 SB3351 REV. 3 COMPLIED  that the work specified in block 12/13 v pproval Number: EASA 145.4786.* ED Decision 2004/04/CF, as amended	vas carried out in accordance with EASA Part-145 a by ED Decision 2007/001/CF, as applicable to the v	nd with respect to		nponent is considered re	eady for release to service under EASA
14. Certifies  Approvi	s the items identified above were manuf ed design data and are in a condition fo proved design data specified in Block 12	actured in conformity to -	19. 🛛 14 Cl Certifies that Block 13 was	accomplished in ac	ecified in Block 13, the	Other regulation specified in Block 13 e work identified in Block 12 and described in , Code of Federal Regulations part 43 and in to service.
15. Authoriz	zed Signature:	16. Approval/Authorization No:	20. Authorized	Signature: Ha		Certificate/Approval Ref. No: JE5R246N
17. Name (1	[yped or Printed]:	18. Date (m/d/y):	22. Name (Typ JAMES P.		23.	Date (m/d/y): IAN/27/2012
This cortis	cate door not outom-ti	User/Installe	Responsibilities	10000		
ensures th	at his/her civil aviation authority accepts i	thority to install the products, parts, or appliances. ce with regulations of a civil aviation authority differen tems from the civil aviation authority of the country sp tallation certification. In all cases, aircraft maintenance				
* Inshalles as	tred and an att a strait to take				The state of the s	

<sup>\*</sup> Installer must cross-check eligibility with applicable technical data

1. Approvir	3. Form Tracking Number: W0039277 D					
	nited States tion Name and Address:	5. Work Order/Contract/Invoice: W0039277				
6. Item:	7. Description:	8. Part Number:	9. Eligibility:*	10. Quantity:	11. Serial Number:	12. Status/Work:
1 1	TUBE	3011155	N/A	312	NA	OVERHAULED
			1			
Part-145 Ap	nat the work specified in bl pproval Number: EASA 14	ock 12/13 was carried out in accordance with EASA Part-145 at 5.4786." as amended by ED Decision 2007/001/CF, as applicable to the w	performed."		Adden	eady for release to service under EASA
☐ Approve		were manufactured in conformity to - condition for safe operation I in Block 13	Certifies that Block 13 was	accomplished in a	specified in Block 13, th	Other regulation specified in Block 13 e work identified in Block 12 and described in code of Federal Regulations part 43 and in to service.
15. Authorize	ed Signature:	16: Approval/Authorization No:	20. Authorized	Signature //	4	Certificate/Approval Ref. No: UE5R246N
17. Name (T)	yped or Printed):	18: Date (m/d/y):	22. Name (Type ROBERT	ed or Printed): PINEO		. Date (m/d/y): MAY/10/2011
		User/installer	Responsibilities	7		20 (8)
Where the o	user/installer performs work It his/her civil aviation autho	constitute authority to install the products, parts, or appliances. In accordance with regulations of a civil aviation authority differentively accepts items from the civil aviation authority of the country sponstitute installation certification. In all cases, aircraft maintenance	ecified in Block 1.			

user/installer before the aircraft may be flown.

<sup>\*</sup> Installer must cross-check eligibility with applicable technical data

REPAIRS, ADJUSTMENTS, MODIF	ICATIONS NES IN DATE AND TIME COLUMNS.	SIGNATURE	LICENCE NUMBER
April 26, 2011 1613.7 Hobbs	June 9, 2011	1648.1 Ho	obbs
Conducted PT6A compressor power recovery wash in accordance with Piper PA46-500TP maintenance manual. Performed drying run to 80% Ng.  John Dupré  Signature TechnicAir  1724 Robins Street	Installed wash equipmed run and injected wash is hour and conducted modionized water. Remove Conducted engine drying Replaced on lamp in trial John Dupré	solution. Waited on btoring run and injected wash equipment. ng run to 80% NG.	e nan cted de-
Hangar 3 Hanscom Field Bedford, Massachusetts 01730	1724 Robins	re TechnicAir s Street Hangar 3 scom Field	
<u> </u>	Bedford, Mas	sachusetts 01730	
93 Old Colony Lane Marshfield, MA 02050 781-837-8521  2-04-2012 Hobbs: 1753.2 ACTT: 1753.2  Completed Annual insp. per FAR 43, app. D using Piper forms for E #1 & #2 insps. from chapt. 5 of the MM as a guide. C/W 400 hr. fur nozzle recert see attached 8130-3 form for details. Completed borescope insp. of CT blades and combustion liner - 4 combustion ic cooling ring cracks were noted which are OK to remain in service pe eng. maint. manual - reinspection is recommended at 100 hr. interv Completed performance recovery compressor wash and CT blade wash. Recoated the air inlet area with LPS Procyon where necessa Adjusted idle speed to 64.5%. Engine ground runup and functional check satisfactory with no fuel or oil leaks noted. I certify that this e has been inspected in accordance with an Annual insp. and was determined to be in airworthy condition.	Event el liner er the als. water		,
		-	+
		<u> </u>	+
-	7 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 -		
$\Delta$			

MAXIMUM HOURS BETWEEN OVERHAULS\_\_\_\_\_HOURS.

#### FNGINE SERVICE AND

Shoreline Shoreline Aviation, Inc. VIATION Marshfield Municipal Airport George Harlow Field (GHG) 93 Old Colony Lane Marshfield. MA 02050 PA46-500TP, serial # 4697177 **Engine 1 Logbook** N621N Hobbs Hours: 1928.3 :: Aircraft TT: 1928.3 :: Engine TT: 1928.3 :: Prop. TT: 1928.3 :: Prop. TSMOH: 0.0 2/1/2013 Completed annual inspection in accordance with FAR 43, app. D using Piper forms for Events #1 & #2 from the airplane maint. manual and Table 601 from the engine maint, manual as guides 1) Completed compressor performance recovery wash and compressor turbine water wash. 2) R+R fuel control unit (part # 4138014-1, serial # PP23786-1) after "mid-life" 3000 hr./6 year inspection at Int'l Governor Services as shown on the 3) R+R starter/generator (part # 200SGL145Q, serial # 4951) after overhaul - see 8130-3 form in the airframe manual for details. attached 8130-3 form. 4) Completed 1000 hr. Piper Special Insp. By installing a new WF336238 P3 air filter element and a new 7579431AM oil filter element. 5) R+R propeller after overhaul - see prop log for details. 6) Completed 500 hr. Piper recommended RGB oil scavenge screen inspection and noted no abnormal contaminants. 7) Reinspected the four previously noted combustion liner cooling ring cracks for any progression or changes and noted none. Reinspection is recommended again in 100 hrs. 8) Installed a new CH34055 LH igniter. 9) Completed 200 hr. ACGB oil scavenge screen inspection and noted no abnormal contaminants. 10) Engine ground runup and functional check satisfactory with no fuel or oil leaks noted. I certify that this Engine has been inspected in accordance with an annual inspection and was determined to be in an airworthy condition. Shoreline Aviation, Inc. 93 Old Colony Lane Marshfield, MA 02050 781-837-8521 John E. Sheehan A+P 3439269 IA Shoreline Shoreline Avlation, Inc. VIATION Marshfield Municipal Airport George Harlow Field (GHG) 93 Old Colony Lane Marchfield MA 02050 PA46-500TP, serial # 4697177 **Engine Logbook** NE21N 10/30/2013 Hobbs Hours: 2025.1 Completed compressor water wash/rinse and compressor turbine water wash/rinse. The above work was completed in accordance with current regulations of the Federal Aviation Administration and is approved for return to service for the work accomplished. Shoreline Aviation, Inc. 93 Old Colony Lane Marshfield, MA 02050 781-837-8521 Signed Cadwand Edward J. Novak Jr. A+P 2832024 IA CARRIED FORWARD

TIME CINCE

TOTAL THIS PAGE
TOTAL FROM
PREVIOUS SUMMARY
TOTAL
SINCE MFG.

FAA/UNITED STATES  FAA/UNITED STATES  A, Organization Name and Address:  International Governor Services LLC 7299 W 118TH PLACE 1990 W 118TH PLACE	Authority/Country:						3. Form Tracking N	umber:		
Repaired   Report   Repaired	FAA	/UNITED STATES	FAA FORD	n 8130-3, AIKW	OKTHI	LSS APPR	OVAL 17	AG	695	561
13. Remarks:    Performed Honeywell SIB-087 and recalibrated I.A.W. Honeywell manual 73-20-35 Rev 1 (290)   Complete with Honeywell SIB-087 and recalibrated I.A.W. Honeywell manual 73-20-35 Rev 1 (290)   Complete record of the work is on file at this station under 1419401. International Governor Service certifes that the work specified in Block 13 was carried out in accordance with EASA 145 and in respect to that work the anierand component is considered ready for release to service under EASA Acceptance Certificate Number: 145.4575    14. Certifies the items identified above were manufactured in conformity to:   Approved design data and are in condition for safe operation.   Approved design data specified in Block 13.   Authorized Signature:   16. Approval/Authorization No.:   20/Arthorized Signature:   21. Approval/Certificate No.:   16. Approval/Authorization No.:   22/Arthorized Signature:   21. Approval/Certificate No.:   16. Approval/Authorization No.:   22/Arthorized Signature:   23. Date (Mon/DD/YYYY):   23. Date (Mon/DD/YYYY):   23. Date (Mon/DD/YYYY):   24. Name (Typed or Printed):   23. Date (Mon/DD/YYYY):   24. Name (Typed or Printed):   25. Date (Mon/DD/YYYY):   26. Date (Mon/DD/YYYY):   26. Date (Mon/DD/YYYY):   27. Date (Mon/DD/YYY	4. Organiz	ation Name and Address:		7290 W 118TH PLAC	CE		IG0R976N	)		
13. Remarks:  Performed Honeywell SIB-087 and recalibrated LA.W. Honeywell manual 73-20-35 Rev 1 (2/90) Complete with Honeywell SIB-087 and recalibrated LA.W. Honeywell manual 73-20-35 Rev 1 (2/90) Complete record of the work is on flie at this station under 1419401. International Governor Service certifes that the work specified in Block 13 was carried out in accordance with EASA 145 and in respect to that work the aircraft component is considered ready for release to service under EASA Acceptance Certificate Number. 145.4575  14. Certifies the items identified above were manufactured in conformity to:  Approved design data and are in condition for safe operation.  Approved design data specified in Block 13.  Non-approved design data specified in Block 13.  15. Authorized Signature:  16. Approval/Authorization No.:  20/Atthrized Signature:  17. Name Performed Honeywell SIB-087 and recalibrated in Authority of the country specified in block 1 it is essential that the user/installer working accordance with the national regulations of an Airworthness Authority of the country specified in block 1 it is essential that the user/installer working accordance with the national regulations by the user/installer working accordance with the national regulations by the user/installer before the aircraft may be flow.	6. Item:	7. Description:	Andrew unberies	8. Part Number:		9. Eligibility:*	10. Quantity:	11. Ser	ial/Batch Number:	12. Status/Work:
A Complete record of the work is on file at this station under 1419401. International Governor Service certifes that the work specified in Block 13 was carried out in accordance with EASA 145 and in respect to that work the aircraft component is considered ready for release to service under EASA Acceptance Certificate Number: 145.4575  14. Certifies the items identified above were manufactured in conformity to:    Approved design data and are in condition for safe operation.   19.   14 CFR 43.9 Return to Service     20. Approved to the control of the country specified in block 13 and in respect to that work, the items are approved for return to service.   15. Authorized Signature:   16. Approval/Authorization No.:   16. Approval/Certificate No	1	HONEYWELL FUEL CONTRO	DL.	4138014-1		N/A				REPAIRED,
Approved design data and are in condition for safe operation.    Approved design data and are in condition for safe operation.   Non-approved design data specified in Block 13.   Same accomplished in accordance with Title 14, Code of Federal Regulations, part 43 and in respect to that work, the items are approved for return to service.   16. Approval/Authorization No.: 20/ Aptrorized Signature: 21. Approval/Certificate No.: IG0R976N	l Perfo Comp TSO A Complete aircraft con	rmed Honeywell SIB-087 and reconsided with Honeywell SB# 413801 UNK e record of the work is on file at the apponent is considered ready for rel	4-73-2 is station under 1419401 . Inte ease to service under EASA A	ernational Governor Service ce Acceptance Certificate Number	145.4575		13 was carried out	in accordance	with EASA 145 and in resp	1
17. Name Cyped or Printed):  18. Date (Mon/DD/YYYY):  18. Date (Mon/DD/YYYY):  19. Date (Mon/DD/YYYY):  19. Date (Mon/DD/YYYY):  19. Date (Mon/DD/YYYY):  21. Name (Typed or Printed):  22. Name (Typed or Printed):  23. Date (Mon/DD/YYYY):  34. JAN/22/2013  15. Date (Mon/DD/YYYY):  35. Date (Mon/DD/YYYY):  36. Date (Mon/DD/YYYY):  37. Date (Mon/DD/YYYY):  38. Date (Mon/DD/YYYY):  38. Date (Mon/DD/YYYY):  38. Date (Mon/DD/YYYY):  39. Date (Mon/DD/YYYY):  30. Date (Mon/DD/YYYY):  30. Date (Mon/DD/YYYY):  30. Date (Mon/DD/YYYY):  30. Date (Mon/DD/YYYY):  31. Date (Mon/DD/YYYY):  32. Date (Mon/DD/YYYY):  33. Date (Mon/DD/YYYY):  34. Date (Mon/DD/YYYY):  35. Date (Mon/DD/YYYY):  36. Date (Mon/DD/YYYY):  37. Date (Mon/DD/YYYY):  38. Date (Mon/DD/YYYY):  38. Date (Mon/DD/YYYY):  39. Date (Mon/DD/YYYY):  39. Date (Mon/DD/YYYY):  30. Date (Mon/DD/YYYY):  30. Date (Mon/DD/YYYY):  30. Date (Mon/DD/YYYY):  31. Date (Mon/DD/YYYY):  31. Date (Mon/DD/YYYY):  32. Date (Mon/DD/YYYY):  33. Date (Mon/DD/YYYY):  34. Date (Mon/DD/YYYY):  35. Date (Mon/DD/YYYY):  36. Date (Mon/DD/YYYY):  37. Date (Mon/DD/YYYY):  38. Date (Mon/DD/YYYY):  39. Date (Mon/DD/YYYY):  30. Date (Mon/DD/YYYYY):  31. Date (Mon/DD/YYYYY):  32. Date (Mon/DD/YYYYY):  33. Date (Mon/DD/YYYYY):  34. Date (Mon/DD/YYYYY):  35. Date (Mon/DD/YYYYYYYYYYYYYYYYYY	Approved design data and are in condition for safe operation.  Certifies that unless otherwise specified in block 13, the work identified in block 12 and described in Block 13 was accomplished in accordance with Title 14, Code of Federal Regulations, part 43 and in respect to that work the items are approved for return to service.									
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 working accordance with the national regulations of an Airworthiness Authority different than the Airworthiness Authority of the country 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 of the country specified in block 1.  Statements in block 14 and 19 do not constitute installation certification. In all cases aircraft maintenance records must contain an installation certification issued in accordance with the national regulations by the user/installer before the aircraft may be flown.	15. Author	ized Signature:	16. Approval/Authoriza	ation No.:	20. Authorized Signature:					
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 working accordance with the national regulations of an Airworthiness Authority different than the Airworthiness Authority of the country 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 of the country specified in block 1.  Statements in block 14 and 19 do not constitute installation certification. In all cases aircraft maintenance records must contain an installation certification issued in accordance with the national regulations by the user/installer before the aircraft may be flown.	17. Name (Typed or Printed): 18. Date (Mon/DD/YYYY):			YY):	22. 1100 (2)					
Where the user/installer working accordance with the national regulations of an Airworthiness Authority different than the Airworthiness Authority of the country specified in block 1 user/installer ensures that his/her Airworthiness Authority accepts parts/components/assemblies from the Airworthiness Authority of the country specified in block 1.  Statements in block 14 and 19 do not constitute installation certification. In all cases aircraft maintenance records must contain an installation certification issued in accordance with the national regulations by the user/installer before the aircraft may be flown.										
FAA Form 8130-3 (6-01) *Installer must cross check eligibility with applicable technical data NSN:0052-00-012-9005	Where the user/installer working accordance with the national regulations of an Airworthiness Authority different than the Airworthiness Authority of the country specified in block 1: user/installer ensures that his/her Airworthiness Authority accepts parts/components/assemblies from the Airworthiness Authority of the country specified in block 1.  Statements in block 14 and 19 do not constitute installation certification. In all cases aircraft maintenance records must contain an installation certification issued in accordance with the national regulations									
	FAA Forr	m 8130-3 (6-01)	*Installer m	ust cross check eligibility w	with applicable	technical data		NSN:003	52-00-012-9005	1.25

L

1.	<b>Approving National Aviation</b>
	Authority/Country
F	AA/United States

## **AUTHORIZED RELEASE CERTIFICATE**

FORM TRACKING NUMBER: **MVWF0100** 

4. ORGANIZATION NAME and ADDRESS:

FAA FORM 8130-3, AIRWORTHINESS APPROVAL TAG WESTERN FILTER CORP. 26235 TECHNOLOGY DR.

PO1847NM

5. WORK ORDER, CONTRACT, OR INVOICE NUMBER

Lance and the second		VALENCIA, CA			2003733	1
6. ITEM 7. DESCRIPTION  COMPRESSOR  AIR FILTER  ELEMENT	8. PART NUMBER P/N: WF336238	9. ELIGIBILITY	N/A	10. QUANTITY 245	11. SERIAL/BATCH NO.  11621N Ho665 19293	12. STATUS / WORK NEW
<ul> <li>13. REMARKS: AIRWORTHINES</li> <li>14. Certifies the items identito:</li> <li></li></ul>	and are in a condition	for safe operation.	Certifies that Block 12 and Title 14, cod	43.9 Return to Service a unless otherwise specific described in Block 13 sy c of Federal Regulations	ONENT" END  1. Other regulation specific  1. In Block 13, the work of a second plisher in accurate the second plisher in acc	Stan-Block: 13
15. Signature:  (was of the state of the sta	16. FAA Au DMIR60	horization No.:	20: Authorized Sig			te Number

User / Installer Responsibilities

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 performs work in accordance with the national regulations of an airworthiness authority different than the airworthiness authority of the country 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 of the country specified in Block 1.

Statements in Blocks 14 and 19 do not constitute installation certification. In all cases, aircraft maintenance records must contain an installation certification issued in accordance with the national regulations by the user/installer before the aircraft may be flown.

FAA Form 8130-3 (6-01) \* Installer must cross-check eligibility with applicable technical data

NSN: 0052-00-012-9005

TRUE CERTIFIED COPY

			JU I P S/N 4697177	Engine Logbook	•	
A section of the sect		and the control of th	George Harlow Field (GHG) 93 Old Colony Lane Marshfield, MA 02050			
		AVIATION	Shoreline Aviation, Inc.  Marshfield Municipal Airport		- *	
		C71*	John & Sheenan A+F	3439269 IA		
,0,00,002	TO JAMES 1993 IN BRIDE	Signed	CVE	2420200 14		
Marshfield, M	A 02050		Dall		1	_
	PROPERTY MALINESS		<b>n</b>		-	_
		on inspector in door	and an animal mappedion at	was determined to be	+	
_ 5) Ground ru	nup and function	al checks satisfactory		nd was determined to be		
3) C/W Pratt	& Whitney bullet	tin 3425 on the torque		further action is required.		
form for more	details. Comple	ted borescope inspect	tion to the engine combustion section	on per the engine	1	
where necess	sary.					
1) Completed	d compressor per	formance recovery wa	sh and compressor turbine water ri	nse per the engine		
Completed ar	nual inspection i	n accordance with FAI	R 43, app. D using Piper forms for	Events #1 & #2 from the		1
Hobbs Hours 212.7	: 2141.0 :: Aircr	aft TT: 2141.0 :: #1 E	Engine TT: 2141.0 :: Prop. TT: 214	41.0 :: Prop. TSMOH:		1
3/17/2015	N621N		P, serial # 4697177	Engine Logbook		1
			George Harlow Field (GHG) 93 Old Colony Lane Marshfield. MA 02050			
		AVIATION	Marshfield Municipal Airport			I
		Shoreline	Shoreline Avietics Inc.			T
						1
						+
		Signed P	John-E. Sheehan A+P 3	3439269 IA		-
781-837-8521		-	e De Al		-	-
93 Old Colony	Lane					
-						_
I certify that thi	is Engine has be	en inspected in accor	dance with an annual inspection a	and was determined to t		
2) Non Detail	lock with a new	unit (part # 758-735)		al IIISTIUCTIONS.		_
manic. manuai	as a guide.					
Completed and	nual inspection in					
Hobbs Hours:		PA46-500TP, ft TT: 2056.2 :: #1 E	, serial # 4697177 ngine TT: 2056.2 :: Prop. TT: 20	Engine Logbook 56.2 :: Prop. TSMOH:		
2/25/2014	Neger		93 Old Colony Lane Marshfield. MA 02050	salting providence of the control of		
			George Harlow Field (GHG)	1	E	L
	Completed and maint. Manual  1) Completed  2) R&R beta beta beta beta beta beta beta beta	Hobbs Hours: 2056.2 :: Aircra 127.9  Completed annual inspection in maint. manual as a guide.  1) Completed compressor was 2) R&R beta block with a new 3) Ground runup and functional certify that this Engine has be in an airworthy condition.  Shoreline Aviation, Inc. 93 Old Colony Lane Marshfield, MA 02050 781-837-8521  3/17/2015 N621N  Hobbs Hours: 2141.0 :: Aircr 212.7  Completed annual inspection i maint. manual as a guide.  1) Completed compressor per maintenance manual. Reçaote where necessary.  2) R+R all 14 fuel nozzles after form for more details. Complemaintenance manual and note 3) C/W Pratt & Whitney bulled 4) R+R beta block with a new 5) Ground runup and function I certify that this Engine has be in an airworthy condition.  Shoreline Aviation, Inc. 93 Old Colony Lane Marshfield, MA 02050 781-837-8521	Hobbs Hours: 2056.2 :: Aircraft TT: 2056.2 :: #1 E 127.9  Completed annual inspection in accordance with FAI maint. manual as a guide.  1) Completed compressor wash and compressor tu: 2) R&R beta block with a new unit (part # 758-735).  3) Ground runup and functional checks satisfactory I certify that this Engine has been inspected in according an airworthy condition.  Shoreline Aviation, Inc.  93 Old Colony Lane Marshfield, MA 02050 781-837-8521  Signed  AShoreline Aviation, Inc.  93 Old Colony Lane Marshfield, MA 02050 781-837-8521  Signed  AShoreline Aviation in accordance with FAI maint. manual as a guide.  1) Completed annual inspection in accordance with FAI maint. manual as a guide.  1) Completed compressor performance recovery war maintenance manual. Reçaoted the engine air inlet on where necessary.  2) R+R all 14 fuel nozzles after flow checks and recommon for more details. Completed borescope inspecting maintenance manual and noted no abnormal or unse.  3) C/W Pratt & Whitney bulletin 3425 on the torque.  4) R+R beta block with a new one (part # 758-735).  5) Ground runup and functional checks satisfactory. I certify that this Engine has been inspected in according an airworthy condition.  Shoreline Aviation, Inc.  93 Old Colony Lane Marshfield, MA 02050 781-837-8521  Signed  Shoreline Aviation, Inc.  93 Old Colony Lane Marshfield, MA 02050 781-837-8521  Signed	2/25/2014 N621N PA46-500TP, serial # 4697177  Hobbs Hours: 2056.2 :: Aircraft TT: 2056.2 :: #1 Engine TT: 2056.2 :: Prop. TT: 2012.7  Hobbs Hours: 2056.2 :: Aircraft TT: 2056.2 :: #1 Engine TT: 2056.2 :: Prop. TT: 2012.7  Completed annual inspection in accordance with FAR 43, app. D using Piper forms for maint. manual as a guide.  Completed compressor wash and compressor turbine wash per maintenance manual. Record in accordance with FAR 43, app. D using Piper forms for maint. The properties of	2/25/2014 N621N PA46-500TP, serial # 4697177 Engine Logbook Hobbs Hours: 2056.2 :: Aircraft TT: 2056.2 :: # Engine TT: 2056.2 :: Prop. TSMOH: 127.9  Completed annual inspection in accordance with FAR 43, app. D using Piper forms for Events #1 & #2 from the maint. manual as a guide.  1) Completed compressor wash and compressor turbine wash per maintenance manual instructions. 2) R&R beta block with a new unit (part # 758-735).  3) Ground runup and functional checks satisfactory with no fuel or oil leaks noted.  1 certify that this Engine has been inspected in accordance with an annual inspection and was determined to be in an airworthy condition.  Shoreline Aviation, Inc.  3) Old Colony Lane Marshfield, Ma 02050  781-837-8521  AShoreline Aviation, Inc.  Signed  AShoreline Aviation, Inc.  Marshfield Medicipal Aryont George Harbor Fled (GHG) Signed Aviation, Inc.  Marshfield Medicipal Aryont George Harbor Fled (GHG) Signed Aviation, Inc.  Marshfield Medicipal Aryont George Harbor Fled (GHG) Signed Aviation, Inc.  AShoreline Aviation, Inc.  3/17/2015  N821N  PA48-500TP, serial # 4699177  Engine Logbook  Hobbs Hours: 2141.0 :: Aircraft TT: 2141.0 :: #1 Engine TT: 2141.0 :: Prop. TT: 2141.0 :: Prop. TSMOH: 212.7  Completed annual inspection in accordance with FAR 43, app. D using Piper forms for Events #1 & #2 from the maint, manual as a guide.  1) Completed compressor performance recovery wash and compressor turbine water rinse per the engine maintenance manual. Recaded the engine air inlet case with LFS Procyon corrosion preventative conditions from for more details. Completed borescope inspection to the engine combustion section per the engine maintenance manual and noted no abnormal or unserviceable conditions.  3) CMP 7814 Whithing builderin 3425 on the torque limiter and noted no loseness - no further action is required.  4) R*R beta block with a new one (part #758-735).  5) Ground nump and functional checks saffestory with no fuel or oil leaks noted.  1 certify that this Engine has been inspected in accordance	2/25/2014 N621N PA46-500TP, serial # 46/297177 Engine Logbook Hobbs Hours: 2056.2 :: Aircraft TT: 2056.2 :: #1 Engine TT: 2056.2 :: Prop. TSMOH: 127.9  Completed annual inspection in accordance with FAR 43, app. D using Piper forms for Events #1 & #2 from the maint. manual as a guide.  1) Completed compressor wash and compressor turbine wash per maintenance manual instructions. 2) R&R heat both an ewe unit (part # 758-735). 3) Ground rump and functional checks astificatory with no fuel or oil leaks noted. 1 certify that this Engine has been inspected in accordance with an annual inspection and was determined to t in an airworthy condition.  Shoreline Aviation, Inc. 30 Old Colony Lane Marshfield, MA 02050 781-837-8521  Signed  AVIATION  PA46-800TP, serial # 48/87177 Engine Logbook  Hobbs Hours: 2141.0 :: Aircraft TT: 2141.0 :: #1 Engine TT: 2141.0 :: Prop. TT: 2141.0 :: Prop. TSMOH: 212.7  1) Completed annual inspection in accordance with FAR 43, app. D using Piper forms for Events #1 & #2 from the maint. manual as a guide. 1) Completed compressor performance recovery wash and compressor turbine water rinse per the engine maintenance manual. Requarted the engine air intel case with LPS Procypn corrosion preventative compound where necessary. 2) R-RR all 14 fuel nozzles after flow checks and recertification by Prime Turbines - see the attached 8130-3 form for more defalls. Completed borescope inspection to the engine combuston section per the engine maintenance manual and noted no abnormal or unserviceable conditions. 3) CWP Pati & Whitney bulleting Add 50 on the torque limiter and noted no looseness - no further action is required. 4) R-RP beta block with a new one (part # 756-735). 5) Ground rump and functional action checks satisfactory with no fuel or oil leaks noted. 1 certify that this Engine has been inspected in accordance with an annual inspection and was determined to be in an airworthy condition. 3) Ground rump and functional checks satisfactory with no fuel or oil leaks noted. 1 certify that this Engi

2) Engine ground run up and functional check OK with no fuel or oil leaks noted.

Signed

is approved for return to service for the work accomplished?

The above work was completed in accordance with current regulations of the Federal Aviation Administration and

John E. Sheehan A-P 3439269 IA

		1-					22 I
1. Approving Civil Aviation Authority/Country:			AUTHORIZED RELEASE CERTIFICATE				3. Form Tracking Number:
2	Jnited States		FAA Form 8130-3, AIRWORTHINESS APPROVAL TAG				W0050744
4. Organiz	ation Name and Address:				AIR STATION		5. Work Order/Contract/Invoice:
		PRIME'	TURBINES		nstable Munic Inis, Massacht Tel. 508-771	usetts 02601	WOO50744 NG21N 3/17/15
6. Item:	7. Description:		8. Part Number:		9. Quantity:	10. Serial Number:	11. Status/Work:
1	PRI.ADAPTER AS	SY.	3100456-03		7	N/A	REPAIRED
2	SEC.ADAPTER AS		3100458-03		6	N/A	REPAIRED
3	INLET ADAPTER	ASSY.	3100453-03		1	N/A	REPAIRED
4	SHEATH		3119920-01		14	N/A	REPAIRED
_							
							3 S
12. Remar	ks:			1 1			
2	CLEANED, INSPE	CTED, PRESSU	RE TESTED, FUNCTION TESTER	AND REPA	AIRED AS		
			REFERENCE P&W MAINTENANCE				
	3021442 REV.49						
	SB3351 REV.3 C						
	220001 112110 0	)					
		1	4				
		100 (c) com	A STATE OF THE STA	47			
			N				
			dout in accordance with EASA Part-145 and	with respect to t	hat work, the con	nponent is considered r	eady for release to service under EASA
	Approval Number: EASA 14		ement provide the basis for all automatically ag	neared data as	annlianhla ta tha	all parformed "	
	•						
	fies the items identified aboved design data and are in a			Annual Control of the	R 43.9 Return to S		Other regulation specified in Block 12 work identified in Block 11 and described in
	pproved design data specific		are LUGIT				, Code of Federal Regulations part 43 and in
	pp.u.uu bobigii uuu apaami	<i></i>				are approved for return	
13b. Auth	orized Signature:	13c. Ar	croval/Authorization No:	14b, Authorized	Signature:	140	. Certificate/Approval Ref. No:
	· · · · · · · · · · · · · · · · · · ·			VAMADO	1 Dala	^	E5R246N
				Horra	of way	, -	
13d. Nami	(Typed or Printed):	13e. Da	te (dd/mmm/yyyy):	14d/Name (Typ			. Date (dd/mmm/yyyy):
				JAMES P.	HAYS	. 1	0/MAR/2015
			User/Installer Re			1000	
			ent alone does not automatically constitute aut				and although the Blooks &
			e national regulations of an airworthiness author				
Stateme	nts in Blocks 13a and 14a do no	sures that his/her airwor	thiness authority accepts aircraft engine(s)/prop certification. In all cases, aircraft maintenance r	ener(S)/article(S) f	tain an installation	certification issued in acc	cordance with the national regulations by the
	aller before the aircraft may t		Tel unicación. In an cases, an el are mantenance i	Coor as must com	ari matanatiOII	co. amounton issued in det	
	user/installer before the all craft may be flown.						

#### Pacific Oil Cooler Service, Inc.

1677 Curtiss Court LaVerne, CA 91750 Phone: (909) 593-8400 Fax (909)-593-8499 www.oilcoolers.com



Printed On: 09/16/2015 Work Order:

109537

**RECEIVED AS:** 

PO / Ref Number: 02050

Location:

**OVERHAUL** 

W/O DATE:

09/08/2015

**Customer Information:** 

SHORELINE AVIATION, INC.

Address: MARSHFIELD, MA 02050

Contact:

P/N: 10585J-K

Name:

ED

Component Information: Qty: 1

Yes

Type: FUEL HEATER

Alt. P/N: 3057249-01

No

Manual Location: #7

Phone: 781-837-8521 Mfg: S/W

S/N: WA20138

Bin Location: 8040

WANTS OVERNIGHT AM DELIVERY.

Attached Thermal Element P/N: 727590, S/N: 2005 RED TAGGED AND REMOVED.

7th Stud?

FN RETROFIT KIT P/N: G727596 WO# 104853

**Items Attached to Component:** 

Special Instructions: Data Plate?

Fittings:

Valve Body:

Vernatherm: Vernatherm:

Vernatherm.			
Task Description:	Work Performed	Tech:	Insp:
INIT INSPECTION	Initial Inspection	FS	13
INSP CRACKS - LEAKS	Inspect Unit for cracks and leaks	JD	I3
DISASSEMBLY	Dissasemble as required	JD	I3
TEMP CHECK	COLD: 2426 HOT: 2426 TRAVEL: 0 FAIL	JD	I3
VAPOR DEGREASER	Clean Inside and Outside	JD -	13-
BI DIRECTION FLUSH	Flush Both Directions	JD	13
FLUSH HV	High Volume Flush	JD	13
SEALS - O RINGS	Seals - O Rings - Replace as required	JD	13
BEAD BLAST	Bead Blast	JD	13
FINAL PRESSURE TEST	Final Pressure Test	JD	13
SAFETY WIRE	Safety Wire Unit as required	JD	I3
DRAIN - BLOW DRY	Drain and Blow Dry	JD	I3
PROTECTIVE SEAL	Apply Protective Seal as Required	DF	I3
FINAL INSPECTION	Final Inspection	DF	I3

Final Result: Overhauled I.A.W. FAA Approved POCS process specification #001 Rev. E Dated Nov / 21 / 2005

The component identified herein was repaired and inspected in accordance with current regulations of the Federal Aviation Agency, and is approved for return service.

Signature of Final Inspector:

FINAL INSPECTION PERFORMED BY:

SEP 1 6 2015

DATE:

09-18-15 NODIN Act 2/950

3. Form Tracking Number:

pproving Civil Aviation Authority/Country:  AA/UNITED STATES  Organization Name and Address:	THORIZED RELEGAA Form 8130-3, AIRWOR	THINESS APPROVAL TAG		85202979-10-1  5. Work Order/Contract/Invoice Number:	
gitt (Troy), Inc. 3 Industrial Drive Troy, IN 47	588	F	PQ2085CE	PO #: 7099 Item:	
em: 7. Description:	8. Part Numb	ber: 9. Q	uantity: 10. Serial N	Number:	11. Status/Work:
RETRO KIT 10585J TOK FAA/PI	MA APP G727596		1 EA 14926		NEW
Remarks: RWORTHINESS APPROVAL  ON: G727596-NE  sis part is not a critical component. sis part is produced by the STC design proval holder under FAA-PMA authoriz	F.A.	PMA to the following model AA PMA-10585K	(s):		
Certifies the items identified above were ma		A }	.9 Return to Service	<u>.</u>	specified in Block 12  k meets the requirements
Non-approved design data specified i		of the Repair Stati	ess otherwise specifical in Block 12 was accomplish ons, part 43 and in respe	9 <b>n.</b>	
b. Authorized Signature:	13c. Approval/Authorization No.		ature	14c. App	Certificate No.:
Bd. Name(Typed or Printed):  JOHN PRYOR	13e. Date(dd/mmm/yyyy): 10 DEC 2014	14d. Name(Typed or	Printed):	14e. Da	e(dd/mmm/yyyy):
		staller Responsibilitie		26.7	
Vivil is important to understand that the existence where the user/installer performs work in accossential that the user/installer ensures that his/tatements in Blocks 13a and 14a do not constite egulations by the user/installer before the aircrease.	rdance with the national regulations of an ai ner airworthiness authority accepts aircraft ute installation certification. In all cases, air	rworthiness authority different engine(s)/propeller(s)/article(s) i	than the airworthiness at from the airworthiness a	uthority of the country uthority of the country	y specified in Block 1.
FAA Form 8130-3 (02-14)	THE PARTY OF THE				NSN:0052-00-01

### Certificate of conformance

MEGGITT

Page 1 of 1

Certificate# Date issued

85202979 - 10 December 10, 2014

Ship to

PACIFIC OIL COOLER SERVICE, INC

1677 CURTISS COURT LA VERNE CA 91750

PACIFIC OIL COOLER SERVICE INC Sold to 1677 CURTISS CT LA VERNE CA 91750

Purch order

7099

MCSTPart no Description

G727596

Cust part no

RETROFIL

G727596-NE

Quantity

4.00

Product Revision A

Serial number(s) ( 14926, 14933, 14946, 14956 )

PO item no Sales order no

5658944

Cust stock no Unit of meas

EA

This is to certify that this shipment of product(s) herewith has been inspected and subjected to all necessary tests, meeting the requirements of the purchase order and the applicable production acceptance and test specifications. All inspection reports on processing, materials indicating compliance with specifications, and test reports are enclosed or on file and available for examination.

Johin Deckend

Title

December 10, 2014

DATE Form rev.11-2009

Meggitt (Troy), Inc. 3 Industrial Drive Troy, IN 47588

DBA: Stewart Warner South Wind, Corp.

Tel: +1 812-547-7071 Fax: +1 812-547-2488 www.meggitt.com

## **MEGGITT**

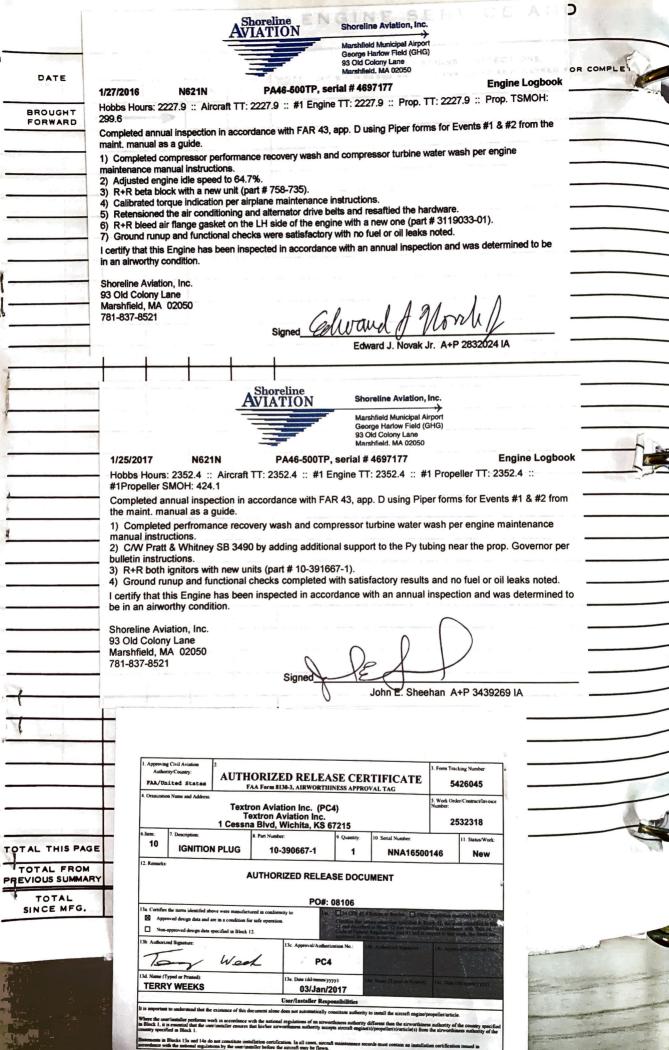
#### G727596 Retrofit Kit, to Convert 10585J to 10585K

#### PARTS LIST

	Manaitt (Tana) Inc.		
	Meggitt (Troy), Inc.  Part No.	Description	Qty.
	723741	Plate, Identification	1
	727590	Thermal Element	-1
	801-087-007	Packing, Preformed	1
	801-087-008	Packing, Preformed	1
	801-087-009	Packing, Preformed	1
1	801-087-010	Packing, Preformed	1

Packed By:

FCS-166-G727596 Rev: 8-9-10



	Shoreline Shoreline		
	AVIATION Shoreline Aviation, Inc.		
	Marshfield Municipal Airport		
	George Harlow Field (GHG) 93 Old Colony Lane		
ENTRIE	Marshfield. MA 02050	JRE	NUMBE
	2/7/2018 N621N PA46-500TP, serial # 4697177 Engine Logbook		Nombe
	Hobbs Hours: 2478.3 :: Aircraft TT: 2478.3 :: #1 Engine TT: 2478.3 :: Prop. TT: 2478.3 :: Prop.	10 June 10 July 10 Jul	
	TSMOH: 550.0		2
	Completed annual inspection in accordance with FAR 43, app. D using Piper forms for Events #1 & #2 from	111	
-	the maint, manual as a guide.		
	<ol> <li>Completed perfromance recovery wash and compressor turbine water wash per engine maintenance manual instructions.</li> </ol>		
	2) R+R beta block with a new unit (part # CA3026).	Production of the second	
+	3) Adjusted alternator helt tension and resaftied the hardware.		
	4) Ground runup and functional checks completed with satisfactory results and no fuel or oil leaks noted.		
	I certify that this Engine has been inspected in accordance with an annual inspection and was determined to be in an airworthy condition.		
+	The manufacture of the second		
	Shoreline Aviation, Inc.	1	
	93 Old Colony Lane	1	<b>—</b>
-	Marshfield, MA 02050 781-837-8521		<b></b>
	781-837-8521 Signed Edward Month		
	Edward J. Novak Jr. A+P 2862024 IA	,	<u> </u>
-			
		7.	
-	Shoreline Shoreline Aviation, Inc.		
	Marshfield Municipal Airport		
	George Harlow Field (GHG)		
	93 Old Colony Lane Marshfield. MA 02050	-	+
	1/28/2019 N621N PA46-500TP, serial # 4697177 Engine Logbook		
	Hobbs Hours: 2584.8 :: Aircraft TT: 2584.8 :: #1 Engine TT: 2584.8 :: Prop. TT: 2584.8 :: Prop.	1 1	
-	TSMOH: 656.5 :: Engine CSN: 1113	-	+
	Completed annual inspection in accordance with FAR 43, app. D using Piper forms for Events #1 & #2 from		
1	the maint. manual as a guide.	7	
	1) Completed compressor performance recovery wash and compressor turbine water wash per engine		+
	maintenance manual instructions.  2) R+R fuel nozzles after recertification at Heritage Turbines as shown on the attached 8130-3 form.		
1	Nozzles reinstalled with new gaskets and fuel tube o-rings. Completed borescope check of the hot section	1.7	1
	per engine maintenance manual instructions and found a few small cracks in the cooling rings of the	-	+
	combustion liner none of which exceeded limits. Early (light) stage 1 sulphidation noted on the CT blades.		
1	<ul><li>3) R+R beta block with a new unit (part # CA3026).</li><li>4) Adjusted alternator belt tension and resaftied the hardware.</li></ul>	- 1	
	<ol><li>Ground runup and systems functional checks completed with no fuel or oil leaks noted.</li></ol>	-	-
	I certify that this Engine has been inspected in accordance with an annual inspection and was determined to		
-	be in an airworthy condition.		
	Shoreline Aviation, Inc.	411	+
	93 Old Colony Lane		
+	Marshfield, MA 02050		
	781-837-8521		-
1	Signed X2 / 3		
+	John E. Sheehan A+P 3439269 IA		+
1			
, /	20 ETSN: 2667,9 ECSN: \$1190 - Engine remi	well	firma
<u> </u>	A	1 1	1000
C	raft for hard landing insp. due to cracked i	net	49se
_	ravel & Mouli L A+P2832024IA	1	
u	Shoreline Avi	ation Inc	+
	Marshfield Mur	ucioal Ant	:
	Marchfield MA 020E		- 5-04

Author	g Civil Aviation ity/Country: Jnited States		ORIZED RELE A Form 8130-3, AIRWOR			3. Form Tracking Number: 36117
4. Organization Heritage Turb 35 Hinckley R Hyannis, MA	oad	Repair Station # Barnstable Muni 1-508-778-7788	H1IR069Y sipal Airport			5. Work Order/Contract/Invoice Number: 09215
6. Item: 1 2 3 4	7. Description: Inlet Adapter Primary Adapt Secondary Ada Sheat	er Assy. pter Assy.	Part Number: 9. 3100453-03 3100456-03 3100458-03 3119920-01	Quantity: 1 7 6 14	10. Serial Number: NSN NSN NSN NSN	11. Status/Work: Repaired Repaired Repaired Inspected
12. Remarks: Cleaned, Inspe	cted,Leak Checked ar	nd Flow Checked Fuel	Nozzle Kit I/A/W Pratt And Whitne	y Manual P/N 30214	142 Rev. 55.0	14621 N 1/25/19
120 Contifica	the items identified a	hove were manufactu	red in conformity to:	14a. 🗸 14 CF	R 43.9 Return to Service	Other regulation specified in Block 12
П Ар	proved design data and n-approved design dat	l are in a condition fo	r safe operation.	Certifies th Block 11 an 14, Code of	at unless otherwise specified in	n Block 12, the work identified in ecomplished in accordance with Title and in respect to that work, the items
13b. Author	ized Signature:	130	. Approval/Authorization No.:	14b. Authorized Signature:		14c. Approval/Certificate No.: H1IR069Y
13d. Name (	Typed or printed):	13	e. Date (dd/mmm/yyyy):	14d. Name (Type	ed or Printed): Pierre Joubert	14e. Date (dd/mmm/yyyy): 14/Jan/2019
25/72/2006		1	User/Installer	Responsibilities		
Where the us in Block 1, it country spec	er/installer performs of is essential that the us ified in Block1.  Blocks 13a and 14a d	work in accordance wi er/installer ensures tha o not constitute install	it his/her airworthiness authority	irworthiness author accepts aircraft en	rity different than the airworth gine(s)/propeller(s)/article(s) fi	nine/propeller/article.  niness authority of the country specified rom the airworthiness authority of the lation certification issued in accordance

#### ENGINE SERVICE AND

		TIME RUN		HAUL	INSTALLATIONS, INSPECTIONS,  NOTE: USE BOTH PAGES AND AS MANY LINES AS REQUIRED FOR COM		
DATE	HRS.	MIN.	HRS.	MIN.	NOTE: USE DO MANAGEMENT		
BROUGHT FORWARD		<b>→</b>					

Certificate Number LM1R301K A United Technologies Company Serial Number Manufacturer Description Model/Type **PRATT & WHITNEY ENGINE TURBOPROP** PT6A-42A PCE-RM0187 Time Since New Time Since Overhaul Cycles Since Overhaul Cycles Since New

2667.9 1190 0.0 Repair C.T. Vane Class: 6.78 8S2 P.T. Vane Class: 20.00 2S5

#### DESCRIPTION OF WORK ACCOMPLISHED AND REFERENCE DOCUMENTATION:

THIS ENGINE HAS BEEN OVERHAULED, INSPECTED AND TESTED IN ACCORDANCE WITH P&WC, OVERHAUL MANUAL P/N: 3021443, REV 52, DATED 06 APR 2020; AND OTHER P&WC APPROVED DOCUMENTATION AND/OR ENGINEERING DOCUMENTATION ACCEPTABLE TO THE ADMINISTRATOR.

I.T.T. TRIM: 109.9°F. 61.1°C.

TRIM RESISTANCE: 18.2 Ω

This engine has been repaired and inspected in accordance with current regulations of the Federal Aviation Administration and is approved for return to service. Pertinent details of the work performed are on file at this agency under sales order No. 217922.

Date: 21 JUN 2020

PWV-3096 (FEB 15)

RENE YOST, AUTHORIZED INSPECTOR Export Classification: ECCN 9E991

Shoreline Shoreline Aviation, Inc. VIATION Marshfield Municipal Airport George Harlow Field (GHG) 93 Old Colony Lane Marshfield. MA 02050 PA46-500TP, serial # 4697177 **Engine Logbook** Hobbs Hours: 2667.9 :: Aircraft TT: 2667.9 :: #1 Engine TT: 2667.9 :: #1 Engine TSMOH: 0.0 :: Prop. TT: 2667.9 :: Prop. TSMOH: 0.0 :: Engine CSN: 1190 Completed annual inspection in accordance with manufacturers inspection procedures manual.Completed annual inspection in accordance with FAR 43, app. D using Piper forms for Events #1 & #2 from the maint. manual as a guide. 1) This engine reinstalled per airplane maintenance manual after overhaul as shown on the previous page. Engine serviced with 10 gts of Eastman 2380 oil. Engine shock mounts and bolts were reused. Hoses and ducting not provided with the engine were reused after being flushed and inspected. 2) All accessories not provided with the engine were inspected and reinstalled. 3) Idle speed adusted to 64.6% with gen and A/C on and 65.1% with gen and A/C off. Maximum reverse set to 1810 RPM at 77.5 Ng 4) Completed ground runup and functional checks with satisfactory results and noted no fuel or oil leaks. I certify that this Engine has been inspected in accordance with an annual inspection and was determined to 03.00 be in an airworthy condition. Shoreline Aviation, inc. 93 Old Colony Lane Marshfield, MA 02050

TOTAL THIS F

TOTAL FROM PREVIOUS SUMMARY TOTAL SINCE MFG

781-837-8521

Signed Edward & Non

Authority	ntional Aviation /Country:	2.				3. Form Tracking Number:
The state of the s	ITED STATES	AUTHORIZ FAA For	ZED RELEA m 8130-3, AIRWORTH			217922
Organization	15	AATT & WHITNEY ENGINE SERV 25 MIDWAY PARK RD BRIDGEP AA CRS# LM1R301K	VICES, INC.			5. Work Order/Contract/Invoice Number: 217922
6. Item:	7.	Description:	8. Part Number:	9. Quantity:	10. Serial/Batch Number:	11. Status/Work:
ONE	ENGINE, TU	JRBOPROP PT6A-42A	3120055-01	ONE	PCE-RM0187	OVERHAULED
, DATED	NE HAS BEEN OV 06 APR 2020; AN NISTRATOR.	ERHAULED, INSPECTED D OTHER P&WC APPROV	AND TESTED IN AC /ED DOCUMENTAT	CCORDANCE W ION AND/OR E	VITH P&WC, OVERHAU CNGINEERING DOCUMI	L MANUAL P/N: 3021443, FENTATION ACCEPTABLE
ISIT, LIST OF HIS REPAIR : Sa. Certifies t	F PARTS REPLACED, A STATION UNDER THE the items identified above	LIMITED PARTS LOG, STATUS O AND ENGINE SHIPPING CHECKI ABOVE SALES ORDER NUMBER.	LIST ARE ATTACHED TO EXPORT CLASSIFICATION	THE LOGBOOK. P ON: ECCN 9E991 4a. ⊠ 14 CFR 43.9 Certifies that unl	Return to Service Ottess otherwise specified in Block 1:	her regulation specified in Block 12  2, the work identified in Block 11
TISIT, LIST OF THIS REPAIR:  3a. Certifies to	F PARTS REPLACED, A STATION UNDER THE the items identified above	AND ENGINE SHIPPING CHECKI ABOVE SALES ORDER NUMBER. were manufactured in conformity to the in a condition for safe operation.	LIST ARE ATTACHED TO EXPORT CLASSIFICATION	THE LOGBOOK. P ON: ECCN 9E991  4a.   14 CFR 43.9  Certifies that unland described in	Return to Service Ot  ess otherwise specified in Block 12 Block 12 was accomplished in acc	ther regulation specified in Block 12 2, the work identified in Block 11 cordance with Title 14, Code of Feder the items are approved for return to
TISIT, LIST OF THIS REPAIR:  3a. Certifies to	F PARTS REPLACED, A STATION UNDER THE he items identified above roved design data and an approved design data sp	AND ENGINE SHIPPING CHECKI ABOVE SALES ORDER NUMBER.  were manufactured in conformity to the condition for safe operation, pecified in Block 12.	LIST ARE ATTACHED TO LEXPORT CLASSIFICATIO LO: 14	THE LOGBOOK. PON: ECCN 9E991  4a.   14a.   14a.   14 CFR 43.9  Certifies that unland described in Regulations, part	Return to Service Ot ess otherwise specified in Block 1: Block 12 was accomplished in acc 43 and in respect to that work, the	her regulation specified in Block 12 2, the work identified in Block 11 cordance with Title 14, Code of Feder
Asir, LIST OF HIS REPAIR.  3a. Certifies to Appr Non-	F PARTS REPLACED, A STATION UNDER THE he items identified above roved design data and an approved design data sp	AND ENGINE SHIPPING CHECKI ABOVE SALES ORDER NUMBER. were manufactured in conformity to the in a condition for safe operation. pecified in Block 12.	LIST ARE ATTACHED TO EXPORT CLASSIFICATIO  to:  14  15  16  17  17  17  18  18  19  19  19  19  19  19  19  19	An. It is a service.  THE LOGBOOK. PON: ECCN 9E991  4a. It is 14 CFR 43.9  Certifies that unland described in Regulations, part service.	Return to Service Ottess otherwise specified in Block 1: Block 12 was accomplished in accit 43 and in respect to that work, that were:	ther regulation specified in Block 12 2, the work identified in Block 11 cordance with Title 14, Code of Feder the items are approved for return to
Asir, LIST OF HIS REPAIR.  3a. Certifies to Appr Non-	F PARTS REPLACED, A STATION UNDER THE the items identified above roved design data and an approved design data sp and Signature:	AND ENGINE SHIPPING CHECKI ABOVE SALES ORDER NUMBER. were manufactured in conformity to the in a condition for safe operation. pecified in Block 12.	to: 1-  oval/Authorization No.: 1-  dd/mmm/yyyy): 1-	THE LOGBOOK. PON: ECCN 9E991  4a.   14 CFR 43.9  Certifies that unland described in Regulations, particle.  4b. Authorized Sign	Return to Service Ottess otherwise specified in Block 12 Block 12 was accomplished in accidated and in respect to that work, that were:  Printed):	ther regulation specified in Block 12 2, the work identified in Block 11 cordance with Title 14, Code of Feder the items are approved for return to  14c. Approval/Certificate No.:  LM1R301K
Appi   Non-	F PARTS REPLACED, A STATION UNDER THE the items identified above roved design data and an approved design data sp and Signature:	AND ENGINE SHIPPING CHECKI ABOVE SALES ORDER NUMBER. were manufactured in conformity to the in a condition for safe operation. pecified in Block 12.	to: 1-  oval/Authorization No.: 1-  dd/mmm/yyyy): 1-	THE LOGBOOK. PON: ECCN 9E991  4a.   14a.   14 CFR 43.9  Certifies that unland described in Regulations, particle.  4b. Authorized Sign  4d. Name (Typed or Rene Yost, Authorited)	Return to Service Ottess otherwise specified in Block 12 Block 12 was accomplished in accidated and in respect to that work, that were:  Printed):	ther regulation specified in Block 12 2, the work identified in Block 11 cordance with Title 14, Code of Feder the items are approved for return to  14c. Approval/Certificate No.:  LM1R301K  14e. Date (dd/mmm/yyyy):

3. Form Tracking Number: 1. Approving National Aviation Authority/Country: **AUTHORIZED RELEASE CERTIFICATE** 217922 **FAA/UNITED STATES** FAA Form 8130-3, AIRWORTHINESS APPROVAL TAG 4. Organization Name and Address: PRATT & WHITNEY ENGINE SERVICES, INC. 5. Work Order/Contract/Invoice 1525 MIDWAY PARK RD BRIDGEPORT, WV 26330 Number: FAA CRS# LM1R301K 217922 Status/Work: 7. Description: Part Number: 9. Quantity: 10. Serial/Batch Number: 11. 6. Item: **ENGINE, TURBOPROP PT6A-42A OVERHAULED** ONE 3120055-01 ONE PCE-RM0187 12. Remarks: TTSN: 2667.9 TCSN: 1190 **TTSO: 0.0** TCSO: 0 THIS ENGINE HAS BEEN OVERHAULED, INSPECTED AND TESTED IN ACCORDANCE WITH P&WC, OVERHAUL MANUAL P/N: 3021443, REV 52, DATED 06 APR 2020; AND OTHER P&WC APPROVED DOCUMENTATION AND/OR ENGINEERING DOCUMENTATION ACCEPTABLE TO THE ADMINISTRATOR. ENGINE TEST CERTIFICATE, LIFE LIMITED PARTS LOG, STATUS OF AIRWORTHINESS DIRECTIVES FOR THIS SHOP VISIT, LIST OF SERVICE BULLETINS INCORPORATED THIS VISIT, LIST OF PARTS REPLACED, AND ENGINE SHIPPING CHECKLIST ARE ATTACHED TO THE LOGBOOK. PERTINENT DETAILS OF THE WORK PERFORMED ARE ON FILE AT THIS REPAIR STATION UNDER THE ABOVE SALES ORDER NUMBER. EXPORT CLASSIFICATION: ECCN 9E991 14a. M 14 CFR 43.9 Return to Service Other regulation specified in Block 12 Certifies that unless otherwise specified in Block 12, the work identified in Block 11 and described in Block 12 was accomplished in accordance with Title 14, Code of Federal Regulations, part 43 and in respect to that work, the items are approved for return to service. 14b. Authorized Signature: 14c. Approval/Certificate No.: LM1R301K 14d. Name (Typed or Printed): 14e. Date (dd/mmm/yyyy): Rene Yost, Authorized Inspector 21 Jun 2020 User/Installer Responsibilities 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 performs work in accordance with the national regulations of an airworthiness authority different than the airworthiness authority of the country 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 of the country specified in Block 1. Statements in Blocks 13a and 14a do not constitute installation certification. In all cases, aircraft maintenance records must contain an installation certification issued in accordance with the national regulations by the user/installer before the aircraft may be flown.

## PRATT & WHITNEY ENGINE SERVCIES, INC. PT6 ENGINE TEST CERTIFICATE

SALES ORDER	ENGINE MODEL	REASON FOR REMOVAL
217922	PT6A-42A	OVERHAUL

GAS GENERATOR SERIAL NUMBER: PCE-RM0187

POWER SECTION SERIAL NUMBER: RM0187

C.T. VANE CLASS: 6.78 8S2

P.T. VANE CLASS: 20.00 2S5

CORRECTED PERFORMANCE						
RATING	SHP/DELRTH	NG/RTH	Tt5/TH	S.F.C.		
TAKE OFF	850	35350	1675	0.623		

**DATA PLATE SPEED = 35350 NG @ 850 S.H.P.** 

P3 PRESSURE RATIO: 7.66 @ 35000 Ng/RTH

I.T.T. TRIM: 109.9°F. 61.1°C.

TRIM RESISTANCE: 18.2  $\Omega$ 

THIS ENGINE HAS BEEN TESTED IN ACCORDANCE WITH THE MANUFACTURER'S RECOMMENDATIONS AND REQUIREMENTS.

Tell out

RENE YOST, AUTHORIZED INSPECTOR

Export Classification: ECCN 9E991

DATE: 21 JUN 2020

## PRATT & WHITNEY ENGINE SERVICES, INC. PT6 LIFE LIMITED PARTS LOG

MODEL	SERIAL NUMBER	BER TTSN TCSN		TTSO	TCSC
PT6A-42A	PCE-RM0187	2667.9	1190	0.0	0
DATE	WORK ORDER NUMBER	CUSTOMER		REF: SB 3002 REV 27	
21 JUN 2020	217922	Shoreline Aviation Inc.		SEE *NOTE	

PART NAME	PART NUMBER	SERIAL NUMBER	TTSN	TCSN	REMAINING CYCLES	CYCLE LIMIT
ROTOR	3053921-01	TX1A3455	2667.9	1190	18810	20000
2nd STAGE DISK	3023112	A001EATK	2667.9	1190	18810	20000
3rd STAGE DISK	3023113	A001EAT5	2667.9	1190	18810	20000
IMPELLER	3036793	9Н376	2667.9	1190	22810	24000
C.T. DISK	3078711-01	A001EHYM	2667.9	1190	8810	10000
1st STAGE P.T.DISK	3029312	A001EH18	2667.9	1190	28810	30000
2nd STAGE P.T.DISK	3029313	A001EH06	2667.9	1190	28810	30000
C.T. BLADES	3123131-02		0.0			
1st STAGE GEARSET	3059925-01	SET# AX765	0.0	76.39		
OIL FILTER	3059257-01		0.0		<u></u>	

\*NOTE: TIME AND CYCLES REMAINING MUST BE REVIEWED AT EACH SUBSEQUENT REVISION OF THE APPLICABLE SERVICE BULLETIN. THE CYCLES REMAINING ON THIS FORM ARE ONLY VALID FOR THE CURRENT REVISION OF THE SERVICE BULLETIN.

SIGNED: RENE YOST, AUTHORIZED INSPECTOR

Export Classification: ECCN 9E991

Service Centre - PL81 - WV FAA ARS, No. LM1R301K

Pratt & Whitney Engine Service Inc. 1525 Midway Park Road Bridgeport, West Virginia United States, 26330 FAA CRS, No. LM1R301K

Status of Airworthiness Directives for This Shop Visit

Customer: Shoreline Aviation Inc. Sales Order: 217922

Print Date: 21-JUN-2020 Description: GAS GENERATOR MODULE

Page: 001 of 001 PT6A-42A Model:

Serial Number: RM0187

1.00

84134 3477,277

Status Document No. Revision No.

Description

Embodied FAA 97-04-12 000

COMPR. BLEED VALVE - INSPECTION OF.

I hereby certify that the above airworthiness directives with status "EMBODIED" have been incorporated or found embodied in this engine as per the manufacturer's recommendations.

Authorized Inspector:

Service Centre - PL81 - WV FAA ARS, No. LM1R301K

Pratt & Whitney Engine Service Inc. 1525 Midway Park Road Bridgeport, West Virginia United States, 26330 FAA CRS, No. LM1R301K

List of Service Bulletins and Special Instruction incorporated this visit.

Sales Order: 217922 Customer: Shoreline Aviation Inc.

Module Name: GAS GENERATOR MODULE Print Date: 21-JUN-2020

Model: PT6A-42A Page: 001 of 001

Serial Number: RM0187

Document No.	Revision # Class	Description
SB 3002 000	26 3 28 3	ROTOR COMPONENTS - SERVICE LIFE
SB 3003 000	28 3	OPERATING TIME BETWEEN O/H & HSI FREQ.
SB 3383 000	04 3	VANE RING DAMPING STRAP ASSY - INTRO. OF
SB 3389 000	01 8	OIL TO FUEL HEATER -
SB 3412 001	02 6	OIL TANK PRESSURIZING VALVE - INTRO. OF.
SB 3412 002	02 8	OIL TANK PRESSURIZING VALVE - INTRO. OF.
SB 3419 002	01 3	OIL TANK FILLER CAP INSPECTION OF
SB 3424 000	08 6	SHROUD SEGMENTS, COMPR. TURB REPL. OF
SB 3430 000	02 3	FCU RATIO LEVER - INSPECTION OF
SB 3432 000	01 6	BOLTS & NUTS OF THE FCU CONNECTOR ROD -
SB 3440 000	01 7	CT ROTOR AIR-SEAL - REPLACEMENT OF
SB 3441 000	00 6	P3 AIR GASKET - REPLACEMENT OF
SB 3443 000	02 5	BOLT OF THE FCU CONNECTOR ROD - REPL'T O
SB 3445 000	02 5 02 6	COMPRESSOR INLET CASE ASSY - REPL. OF.
SB 3451 000	00 5	PY & P3 INSULT. AIR PRESS. TUBE - INSP/R
SB 3452 000	01 7	COMPRESSOR INLET CASE - REPL. OF.
SB 3458 000	00 6	NO. 2 BRG OIL PACKING - REPL OF
SB 3468 000	00 3	SHIPPING CAPS FOR SHIPPING CONTAINER - R
SB 3471 000	02 5	FUEL CONTROL UNIT - INSPECTION OF.
SB 3473 002	00 3 02 5 03 6 00 6 00 3	COMP STATOR ASSY REPL OF (ALL -41 & -42)
SB 3478 000	00 6	A.G.B. HOUSING ASSY REPL. / MOD. OF.
SB 3479 000	00 3	INTERCONNECT ROD - INSPECTION OF.
SB 3482 000	05 6	FUEL CONTROL UNIT - REPL./MOD. OF
SB 3491 000	03 6	C.T. DISK DAMPENING PINS - INTRO OF.
SB 3492 000	03 7	DAMPER STRAP SPACER - REPLACEMENT OF
SB 3494 000	02 6	COMPRESSOR STATOR ASSY - REPL. / MOD. OF
SB 3496 000	00 7	COMPRESSOR INLET CASE ASSEMBLY - REPL.OF
SB 3501 000	00 3	OIL TO FUEL HEATER - REPLACE/MOD OF

I hereby certify that the above modifications and directives have been incorporated in this engine as per the manufacturer's recommendations.

Authorized Inspector:



Service Centre - PL81 - WV FAA ARS, No. LM1R301K

Pratt & Whitney Engine Service Inc. 1525 Midway Park Road Bridgeport, West Virginia United States, 26330 FAA CRS, No. LM1R301K

Status of Airworthiness Directives for This Shop Visit

Sales Order: 217922

Customer: Shoreline Aviation Inc.

Description: POWER SECTION MODULE

Print Date: 21-JUN-2020

Model:

PT6A-42A Serial Number: RM0187

Page: 001 of 001

Document No.

Revision No.

Status

Description

FAA 2012-09-10 000

Embodied 00

PT SUNGEAR & PLANET GEAR REPL OF

I hereby certify that the above airworthiness directives with status "EMBODIED" have been incorporated or found embodied in this engine as per the manufacturer's recommendations.

Authorized Inspector:

Service Centre - PL81 - WV FAA ARS, No. LM1R301K

Pratt & Whitney Engine Service Inc. 1525 Midway Park Road Bridgeport, West Virginia United States, 26330 FAA CRS, No. LM1R301K

List of Service Bulletins and Special Instruction incorporated this visit.

Customer: Shoreline Aviation Inc. Sales Order: 217922 Module Name: POWER SECTION MODULE

Print Date: 21-JUN-2020

Page: 001 of 001

PT6A-42A Model: Serial Number: RM0187

Document No.	Revision # Class	Description
SB 3002 000 SB 3003 000 SB 3385 002 SB 3407 000 SB 3435 000 SB 3436 000 SB 3454 000 SB 3463 000 SB 3465 000 SB 3468 000 SB 3477 000	26 3 28 3 01 6 00 6 00 6 00 7 02 6 03 6 02 3 00 3 02 6	ROTOR COMPONENTS - SERVICE LIFE OPERATING TIME BETWEEN O/H & HSI FREQ. 1ST. STG. CARRIER BAL. ASSY MOD/ REPL REVERSING LEVER GUIDE PIN BRACKET ASSEMB PROPELLER GOVERNOR - REPLACEMENT OF FIRST STAGE CARRIER SLEEVE - REPL. OF P.T. STATOR - REPL / MOD. OF. PLANETERY GEAR SYSTEM - REPL. OF. TORQUE LIMITER - INSPECTION SHIPPING CAPS FOR SHIPPING CONTAINER - R PROP SHAFT & SLEEVE SET - REPL/MOD OF. O/SPEED GOV. WASHER - REPL. OF.
SB 3480 000	00	

I hereby certify that the above modifications and directives have been incorporated in this engine as per the manufacturer's recommendations.

Authorized Inspector: 12 94

Pratt & Whitney Engine Service Inc. 1525 Midway Park Road Bridgeport, West Virginia United States, 26330 FAA CRS, No. LM1R301K

#### Liste des pièces remplacées List of Replaced Parts

Dossier qualité - Quality Record

P&WC JR3-6934-E (2012-10)

Page 1 De 2

Date 2020/06/21

Nº de série Serial No.	Module	Modèle Model	Bulletin de vente Sales Order No.		Client Custome	er	
RM0187	GG	PT6A-42A	217922	Shoreline Aviat	riation Inc.		
Nº de la pièce Part No.		t the second of	Designation de la pièce Part Description		Qté Qty	Non Fact. Not Chrg.	Sub. S. Flag
EXCHANGE		- July William				1	1 702
3109585-01	*11		SPACER-OIL SLINGER		1		
NEW							
3014018		1	SEAL-AIR,COMPRESSOR,RE	AR,ROTOR	1	9	
3014660			RING-SEALING, POWER TUR	BINE	2		
3019283			TUBE-FUEL PRESSURE,ASS	Y OF	1		
3026785			TUBE-FUEL PRESSURE,PRI	MARY,ASSY OF	1		
3032010		£	TUBE-FUEL PRESS. PRIMAR	Y, ASSY OF	1	4	
3032208			BEARING (IC)		1		
3036777			SEAL-FACE OPTION (IC)		1		00 COV. 0
3037278			BEARING OPTION (IC)		2		
3045671CL01			VANE RING-TURBINE, ASSY	OF	1		
3053995CL07			THERMOCOUPLE-TRIM	Maria de la companya	to suites a	ere bereite betrette	30 000
3059258-01			FILTER ELEMENT OPTION (I	C)	1		
3059788-01			FILTER ELEMENT OPTION (I	C)	1		3.5
3071525CL10			SHROUD SEGMENT-COMPR	ESSOR TURBINE	9		2 1
3071525CL10			SHROUD SEGMENT-COMPR	RESSOR TURBINE	9		
3071615CL03			SEAL-AIR, COMPRESSOR TU	JRBINE,ROTOR	1.	rwa Wantawa tawa	11 to 10 to
3072810-01			BEARING OPTION (IC)		1	,	
3078708-01			PIN-BLADE DAMPER		58		
3101615-01			HOUSING-NO 1 BEARING,IN	NER	1		
3102408-01		pl or	COVER-OIL TANK PRESSUF	RIZING VALVE	1	1:	
3102409-01			SPRING-HELICAL, COMPRE	SSION	1		
3102403-01			PISTON-OIL TANK PRESSUI	RIZING VALVE	1		
3102411-01			SEAT-OIL TANK PRESSURIZ	ZING VALVE	1	3	
3102412-01			HOUSING-OIL TANK PRESS		1		0
3103074-01			SEAL ASSY-AIR,COMPR.RE	and c	1		
3104405-01	,	4	TIE ROD-COMPR ROTOR,.3		6		7,2
3107324-01			HOUSING ASSY-SCAVENGE		1	3 7	
3108836-01			HOUSING-NO.1 BEARING,O	UTER	1		
3109585-01			SPACER-OIL SLINGER		1	e e	
3113607-01		J	SPRING-EXPANDER	5	1		
3120122-01			BLADE-COMPRESSOR		1		



Pratt & Whitney Engine Service Inc. 1525 Midway Park Road Bridgeport, West Virginia United States, 26330 FAA CRS, No. LM1R301K

#### Liste des pièces remplacées List of Replaced Parts

Dossier qualité - Quality Record

P&WC JR3-6934-E (2012-10)

Page 2 Of 2

Date 2020/06/21

Nº de série	Module	Modèle	Bulletin de vente	Client
Serial No.		Model	Sales Order No.	Customer
RM0187	GG	PT6A-42A	217922	Shoreline Aviation Inc.

Nº de la pièce Part No.	Designation de la pièce Part Description	Qté Qty	Non Fact. Not Chrg.	Sub. S. Flag
3120123-01	BLADE-COMPRESSOR	5	is act	eg (first reg
3123131-02	BLADE-TURBINE	58		
3129051-01	COMPRESSOR STATOR-ASSY OF	1		
3133708-01	STRAP-DAMPING, VANE RING, ASSY OF	1		e i janji e e
3133933	CASE ASSY-COMPRESSOR INLET	1		
3134027CL10	SPACER-DAMPER STRAP	1	,	
MS3420-6	SLEEVE	1		
PK2645	ENVELOPE-ENGINE PROTECTIVE	1		
RUB8-1	REPLACED BY 322A112-3-0	1		
ST6160-01	BOLT-MACHINE.190-32UNJF,DRILLED HEX	1	j.	**
ST6161-01	NUT-CASTELLATED, HEXAGON	2		
TUB8-14	1/4" BLACK HEAT SHRINKABLE TUBING	25		
TUB8-15	REPLACED BY MIL-LT3/4 BLACK	40	1	
OVERHAUL	CASE-GAS GENERATOR, ASSY OF	1		X
3121644-01	VALVE ASSY-COMPRESSOR BLEED	1		X
3123122-01 3123123-01	VALVE ASSY-COMPRESSOR BLEED	, <b>1</b>	,	X n du documei

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Pratt & Whitney Engine Service Inc. 1525 Midway Park Road Bridgeport, West Virginia United States, 26330 FAA CRS, No. LM1R301K

#### Liste des pièces remplacées List of Replaced Parts

Dossier qualité - Quality Record

P&WC JR3-6934-E (2012-10)

Page 1 Of 1

Date 2020/06/21

Nº de série	Module	Modèle Model	Bulletin de vente Sales Order No.	Client Customer
Serial No. RM0187	PS	PT6A-42A	The state of the s	Shoreline Aviation Inc.
KIVIU 101			and the second of the second o	not a sylvenia difference difference in a service and a se

N° de la pièce Part No.	Designation de la pièce Part Description	Qté Qty	Non Fact. Not Chrg.	Sub. S. Flag
EXCHANGE	The state of the s		1	1
002444	SPACER-ADJUSTING 2.960X3.310X.150	2		
002459	SPACER-ADJUSTING, 878X1.065X.100 TH			
005399	SPACER-ADJUSTING,.878X1.0650X.100THK	1		
NEW .				
NEW	SPACER-ADJUSTING 2.960X3.310X.150	1	4.3	
3002444	SPACER-ADJUSTING,.878X1.065X.100 TH	2	X	7
3002459	SPACER-ADJUSTING,.878X1.0650X.100THK	1	×	
3005399	SWIVEL JOINT-CASING,PP CONTROL,FR	1		
019266	TUBE-AIR PRESS,GOV,FRONT,ASYO	1	A CONTRACTOR OF THE CONTRACTOR	
0019291	SEAL AIR TURBINE INTERSTAGE ROTOR	1		
0023683	NUT PLAIN ROUND	1		
3029885	SHAFT-FIRST STAGE PLANET GEAR	3		100
8032110CL21	STRAINER (IC)	3	<b>X</b>	
3032995	TUBE ASYO-AIR PRESS.TORQ.LIMITER,FR.	1	,	
3034497	THERMOCOUPLE OPTION (IC)	1		
3039532	GEAR SET-PLANET, FIRST STAGE RDCN	1		
3059925-01	GEAR RING, FIRST STAGE REDUCTION	1	1	
3059927-01	GEAR-SUN,FIRST STAGE RCDN,ASSY OF	1		
3059928-01	BEARING-BALL,2.9528X5.1181X.9843	1		
3072721-01	RING-SEALING, TURBINE EXHAUST DUCT	2	3. *	
3075036-01	POWER TURBINE STATOR-ASSY OF	1		
3076352CL02	CARRIER-FIRST STAGE REDUCTION,ASYO	1		
3101420-03	WIRING HARNESS THERMOCOUPLE	1		
3112214-01	HOUSING ASSY-REDUCTION GEARBOX, REAR	1		
3112923-01		1	0	
3114662-01	RUNNER-PROPELLER SHAFT OIL SEAL	1		
3121626-01	SEAL RING-METAL	•		
DEDAIR			, e	
<b>REPAIR</b> 3076352CL	POWER TURBINE STATOR-ASSY OF	1	1.	X

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# PRATT & WHITNEY ENGINE SERVICES, INC. PT6 ENGINE SHIPPING CHECK LIST

SALES ORDER: 217922 ENGINE MODEL: PT6A-42A

CUSTOMER: Shoreline Aviation Inc.

ITE M	DESCRIPTION	PART NUMBER	SERIAL NUMBER	TIME	REMARKS
1	PROPELLER GOVERNOR	8210-007-01	13637606	TSO: 0.0	
2	TORQUE LIMITER	4138012-2	C79187	TSO: 0.0	
3	TACH GENERATOR	N/A			
4	OVERSPEED GOVERNOR	210638	13689948	TSO: 0.0	

ITEM	DESCRIPTION	PART NUMBER	SERIAL NUMBER	TIME	REMARKS
5	THERMO. BYPASS	3038242	WV126850	TSO: 0.0	
6	FUEL PUMP	399701-5	006575	TSO: 0.0	
7	FUEL CONTROL	4138014-2	C82359	TSO: 0.0	V i
8	OIL/FUEL HEATER	10994A	WA20138	TSO: 0.0	
9	START CONTROL	N/A		( <del></del>	
10	IGNITION EXCITER	N/R			S/L
11	COMP. BLEED VALVE	3123122-01	20A852	TSO: 0.0	
12	COMP. BLEED VALVE	3123123-01	23A603	TSO: 0.0	1
13	FLOW DIVIDER	26035-1	4784	TSO: 0.0	*

N/A - Not Applicable N/R - Not Received S/L - Ship Less C/T - Continue Time TSO-Time Since Overhaul

DATE: 21 JUN 2020

RENE YOST, AUTHORIZED INSPECTOR

Export Classification: ECCN 9E991

#### DOCUMENT OFFICIEL - OFFICIAL RECORD

M. Autorité de l'e					SOUTH THE REAL PROPERTY OF THE PARTY OF THE	The state of the s
Approving Ci	aviation civile/Pays qui approuve le bon de sortie vil Aviation Authority/Country	2. BON DE SORTIE AUTORISÉE -	AUTHORIZED RELEA	SE CERTIFICATE	3. Numéro de suivi	ri du formulaire - Form Tracking No.
4	Transport Canada	F0.	DM ONE			800112821-000001
	<u> </u>		RM ONE			3592246
4. Nom et adr	esse de l'organisme - Organization Name and Ad	dress Pratt & Whitne 1000 boul. Mari	ey Canada Cie. / Pratt & V	Whitney Canada Corp.	5. Bon de travail/C	Contrat/Facture - Work Order/Contract/Invoice
		Longueuil, Quél	bec		,	3224978
		Canada J4G (450) 677-9411	1A1			4503857355
6. Article - Item	7. Description	8. Numéro de pièce - Part No.	9. Qtée Qty.	10. Numéro de série/de l	ot - Serial/Batch	11. Situation/Travail - Status/Work
000001	TERMINAL-PUSH-PULL CONTRO	3019256	1 EA	N/.		NEW
12. Remarques	- Remarks		1			
NOTE	: Les numéros de série figurant sur le	es étiquettes ou sur les pièces ser	vent a la fabrication	et ne doivent pas é	tre inscrits su	r le présent certificat
NOTE	: Any serial numbers that may be pre	sent on labels or parts are for mai	nufacturing purposes	and need not be	referenced on	this certificate
		<b>,</b>				and derandate.
			***			
			-			
			- 5			
Le cas échéar	nt, la duréé de stockage est précisée sur l'emb	allage de l'article -When applicable shelf	life is indicated on the ite	m nackaging		
	pièce identifié sur la pièce peut inclure un su				lude an alnha suf	ffix.This alpha suffix denotes the parts's
dénote le nive	au de revision de la pièce. Tous les niveaux d	e revision pour une pièce donnée sont		sion levels for a given p	part number are fo	fully interchangeable. The part's revision
parfaitement in	nterchangeables. Le niveau de revision d'une	pièce n'est pas requis pour ce certificat."	level is not required f	or this certification."		
<ol> <li>Le présent boi Certifies that ti</li> </ol>	n de sortie certifie que les articles indiqués ci-dessus ont été ne items identified above were manufactured in conformity to	construits conformément à : :	14a. PAC 571.	10 (certification après mai	ntenance) - CAR 57	1.10 Maintenance Release
des dor	nnées de conception approuvées et qu'ils peu ed design data and are in condition for safe op	vent être utilisés en toute sécurité				regulations specified in block 12.
			Le présent bon de sortie c	ertifie que, sauf indication conformément au Pèglem	control case 1	12, le travail indiqué à la case 11 et décrit à
des don non app	nées de conception non approuvées indiquée proved design data specified in block 12.	es à la case 12.	Certifies that unless other been performed in compile	wise specified in block 12,	the work identified in	n block 11 and described in block 12 has
3b. Signature	€ 10. 460	13c. Numéro de l'organisme agréé Approved Organization Number	14b. Signature		14c.	Numéro de l'organisme agréé Approved Organization Number
يد	7. TG. 448 NO. 131	4 - 58		S/O - N/A		S/O - N/A
3d. Nom - Name	1	13e. Date (dd/mmm/yyyy)	14d. Nom - Name		140	e. Date (dd/mmm/yyyy)
	I. Drukker	30/JUN/2020	l'	S/O - N/A		S/O - N/A

FORM ONE (2009-12) - P&WC 5720 (2009-12) \* Le monteur doit contre-vérifier l'admissibilité avec les données approuvées - \*Installer must cross-check eligibility with approved data

#### RESPONSABILITÉS DU MONTEUR - INSTALLER RESPONSIBILITIES

- 1. Le présent bon de sortie ne constitue pas une autorisation de montage. 1. This certificate does not constitute authority to install.
- 2. Le monteur qui travaille conformément à la réglementation d'un pays autre que celui spécifié à la case 1 doit s'assurer que la réglementation en question reconnaît la certification du pays ainsi spécifié. 2. Installers working in accordance with the national regulations of a country other than that specified in block 1 must ensure that their regulations recognize certifications from country specified.
- 3. Les déclarations des cases 13a et 14a ne constituent pas une certification du montage. Dans tous les cas, le dossier technique de l'aéronef doit inclure une certification de montage délivrée conformément à la réglementation nationale qui s'applique, avant que l'aéronef puisse voler. 3. Statements in block 13a and 14a do not constitute installation certification. In all cases, the technical record for the aircraft must contain an installation certification issued in accordance with the applicable national regulations before the aircraft may be flown.

P&WC JR3-0054-E (2015-09)

in the second		DOCUMENT OFFICIEL	- OFFICIAL RE	CORD		
Autorité de l'av Approving Civ	viation civile/Pays qui approuve le bon de sortie il Aviation Authority/Country	2. BON DE SORTIE AUTORISÉE - A	UTHORIZED RELEAS	SE CERTIFICATE	Numéro de suivi	du formulaire - Form Tracking No.
	Transport Canada		M ONE			3592246
Nom et adre	esse de l'organisme - Organization Name and Addre	ess Pratt & Whitney 1000 boul. Marie-\ Longueuil, Québe Canada J4G 1/ (450) 677-9411	С	Vhitney Canada Corp.	5. Bon de travail/Co	3392246 Ontrat/Facture - Work Order/Contract/Invoice 3224978 4503857355
. Article - Item	7. Description	8. Numéro de pièce - Part No.	9. Qtée Qty.	10. Numéro de série/de lo	ot - Serial/Batch	11. Situation/Travail - Status/Work
000001	CLEVIS ROD END .250-28JX.875	3012419	1 EA	N/A		NEW
			·			
"Le numéro dénote le niv parfaitement	ant, la duréé de stockage est précisée sur l'emba de pièce identifié sur la pièce peut inclure un suf veau de revision de la pièce. Tous les niveaux de t interchangeables. Le niveau de revision d'une p bon de sortie certifie que les articles indiqués ci-dessus ont été c at the items identified above were manufactured in conformity to	fixe alphabétique. Ce suffixe alphabétique e revision pour une pièce donnée sont pièce n'est pas requis pour ce certificat."	"The part number ma revision level.All revis level is not required for	rked on a part may inclision levels for a given por this certification."	art number are ful	ix.This alpha suffix denotes the parts's lly interchangeable.The part's revision
des	données de conception approuvées et qu'ils peuv oved design data and are in condition for safe op- données de conception non approuvées indiquée approved design data specified in block 12.	vent être utilisés en toute sécurité eration. es à la case 12.	Autre rég Le présent bon de sortie ce la case 12, à été effectué d' Certifies that unless othern been performed in compital	ortific aug couff indication -	a case 12 - Other r	.10 Maintenance Release regulations specified in block 12. 2, le travail indiqué à la case 11 et décrit à dieu block 11 and described in block 12 has
	75. 446 NO. 131	13c. Numéro de l'organisme agréé Approved Organization Number	14b. Signature	S/O - N/A	14c. N	Numéro de l'organisme agréé Approved Organization Number S/O - N/A
13d. Nom - Na	ame	4 - 58 13e. Date (dd/mmm/yyyy)	14d. Nom - Name	5.0 - N/A	14e.	Date (dd/mmm/yyyy)
in Paris	I. Drukker	30/JUN/2020		S/O - N/A		S/O - N/A

FORM ONE (2009-12) - P&WC 5720 (2009-12) \* Le monteur doit contre-vérifier l'admissibilité avec les données approuvées - \*Installer must cross-check eligibility with approved data RESPONSABILITÉS DU MONTEUR - INSTALLER RESPONSIBILITIES

- 1. Le présent bon de sortie ne constitue pas une autorisation de montage. 1. This certificate does not constitute authority to install.
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#### DOCUMENT OFFICIEL - OFFICIAL RECORD

Autorité de l'a  Approving Civ	viation civile/Pays qui approuve le bon de sortie	2. BON DE SORTIE AUTORISÉE -	AUTHORIZED RELEA	SE CERTIFICATE	3. Numéro de suivi de	u formulaire - Form Tracking No.
						0112821-000003
	Transport Canada	FO	RM ONE	* =		3592246
4. Nom et adre	esse de l'organisme - Organization Name and Addre	ess Pratt & Whitne 1000 boul. Mari Longueuil, Quél Canada J4G (450) 677-9411	bec 1A1	Vhitney Canada Corp.	5. Bon de travail/Con	trat/Facture - Work Order/Contract/Invoice 3224978 4503857355
6. Article - Item	7. Description	8. Numéro de pièce - Part No.	9. Qtée Qty.	10. Numéro de série/de No.	lot - Serial/Batch	11. Situation/Travail - Status/Work
000001	NUT-PL,HEX,.250-28UNJFX.125,DRLI	3012387	1 EA	No.		NEW
12. Remarques	s - Remarks					
	E: Any serial numbers that may be pres				referenced on tr	is certificate.
"Le numéro dénote le niv parfaitemen	eant, la duréé de stockage est précisée sur l'emb de pièce identifié sur la pièce peut inclure un sur veau de revision de la pièce. Tous les niveaux de t interchangeables. Le niveau de revision d'une p	ffixe alphabétique. Ce suffixe alphabétiq e revision pour une pièce donnée sont pièce n'est pas requis pour ce certificat."	ue "The part number ma revision level.All revi level is not required	arked on a part may inc	clude an alpha suffix part number are full	c.This alpha suffix denotes the parts's y interchangeable.The part's revision
	t bon de sortie certifie que les articles indiqués ci-dessus ont été at the items identified above were manufactured in conformity to		14a. PAC 571	.10 (certification après ma	intenance) - CAR 571.	10 Maintenance Release
des d	données de conception approuvées et qu'ils peur oved design data and are in condition for safe op données de conception non approuvées indiquée approved design data specified in block 12.	es à la case 12.	la case 12, à été effectué Certifies that unless other	certifie que, sauf indication	nent de l'aviation cana	agulations specified in block 12. le travail indiqué à la case 11 et décrit à léco block 11 and described in block 12 has
- Signatur	(E) TC. 466 NO. 131	13c. Numéro de l'organisme agréé Approved Organization Number 4 - 58	14b Signature	S/O - N/A	14c. N A	uméro de l'organisme agréé pproved Organization Number S/O - N/A
13d. Nom - Na	ame	13e. Date (dd/mmm/yyyy)	14d. Nom - Name		14e	Date (dd/mmm/yyyy)
	I. Drukker	30/JUN/2020		S/O - N/A	146.	S/O - N/A
RESPONSAL	9-12) - P&WC 5720 (2009-12) * Le monteur doit contre-vérifier l' BILITÉS DU MONTEUR - INSTALLER RESPON	admissibilité avec les données approuvées - *Installe	er must cross-check eligibility with a	approved data		E.

- 1. Le présent bon de sortie ne constitue pas une autorisation de montage. 1. This certificate does not constitute authority to install.
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- 3. Les déclarations des cases 13a et 14a ne constituent pas une certification du montage. Dans tous les cas, le dossier technique de l'aéronef doit inclure une certification de montage délivrée conformément à la installation certification issued in accordance with the applicable national regulations before the aircraft must contain an

P&WC JR3-0054-E (2015-09)

AVIATION	Shor
	Mars
	Geor

Shoreline Aviation, Inc.

Marshfield Municipal Airport George Harlow Field (GHG) 13 Old Colony Lane

ENTRIES. D	Hobbs Hours: 2729.9 :: Airci TT: 2729.9 :: Prop. TSMOH: Completed annual insp. Per F 1) Completed compressor de maintenance manual instructi 2) Installed a new CA3026 be 3) Adjusted idle speed nut 4 4) Reset alternator and air co 5) Completed ground runup a	PA46-500TP, serial # raft TT: 2729.9 :: #1 Engine TT: 62.0 FAR part 43, app. D using Piper esalinization water wash and consons. eta block. flats CCW to lower the idle speed on ditioning drive belt tensions and functional checks with satisficeen inspected in accordance with the series of the ser	: 2729.9 :: #1 Engine Event #1 & #2 inspect repressor turbine wate ad to 64.6% red saftied the locking leactory results and not	e TSMOH: 62.0 tion forms as g r wash per eng hardware. ted no fuel or o on and was de	guides. gine	LICENCE
TANK OF STREET	the Advances of the Control of the C	A color of the col		And the second		
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a description of the second	- 10 m					
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The Standard

# - PROPELLER LOG

ASA-SP-L

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Propeller Record  Propeller Manufacture	The state of the s	
Model HC-E Hub Series # Hb	411 - 3 Q +1919	Type E 8 50/B-3,5
Date of Manufacture		J 99403 J 99402 J 99398
Aircraft Installed On:	Make/Model Piger PA46-500TP	Serial # 4697177
		19.010.0-84.5

		1-1	P.O. Box 4942
	1-101	Mino.	Baltimore, MD 2122
	Skyled	LOG BOOK ENTRY	(410) 574-4144 CRS #LF1R294K
N 62W		Propeller Entry	December 17, 2004
W/O 23	The same of the sa	Hobbs: 241.9	S/N HH1919
Cycles:		TT Propeller: 241.9	5/14 (11/1515
1.	A REPORT OF THE PARTY OF THE PA	peller inspection IAW Piper inspection guide fo	r PA-46-500TP
2.		er, inspect spinner, bulkheads, blades	111 10 30011
3.	Profile and pain		
4.	ALCO DIAMES AND ACCOUNTS		
5.		ked to Bi-weekly 2004-25, See AD Log dated 1	12-17-04
6.	The Print of the Control of the Cont	spection ground run, operational and leak chec	Control of the Contro
	T Caronia post in	END	ore and
MAINT	ENANCE RELEASE		
		onent identified above was repaired and inspec	ted in accordance with current
		ons and was found airworthy for return to serv	
		under Work Order No. 23070 . Date:	
	Part MA	for Skytech, Inc., P.O. Box 4942, Ba	
with lad	16.7	The state of the s	
7.7		I certify that this PROPELLER ha	n been
1.7.1		I LAW DIV WHAT UNDER THE PROPERTY OF THE PROPE	
1.30		inspected in accordance with a Adult	NUME
1.01		inspected in accordance with a Atala	NUAL
1.01		inspected in accordance with a Adult inspection and was determined to be in airworthy condition.	Page 1 of 1

ars.		-1	P.O. Box 4942 Baltimore, MD 21220	NS
et .	Skyte	Cyto, was	(410) 574-4144	-
-	0	LOG BOOK ENTRY	CRS #LF1R294K	-
t Inspectio	N62WM	Propeller Entry	December 16, 2005	
e:	W/O 23769	Hobbs: 473.8, TT Propeller: 473.8	S/N HH1919	_
	1. Performed on annual	inspection of the propeller per the Piper PA-46-500TP	Malibu/Meridian MM Ch. 5-20-	=
ri .	00.		A.T. (1.0. DO. ) A. C. A. T. C. CO. S. C.	
		2 month/400 hour propeller lubrication.		-
ter		propeller heat Inspection.		
		the propeller blades as needed.	Name of the State	-
ext Inspectio		rtzell Propeller, Inc., McCauley Propeller Systems, and lers does not apply per the applicability statement par		-
		o Bi-weekly 2005-25. See AD Log dated 12-16-05.		
		END	***************************************	=
arr.	MAINTENANCE RELEASE			
ari		nent identified above was repaired and inspected in o		_
ate:		vas found airworthy for return to service. Pertinent det No. 23769 Date: December 16, 2005		
ext Inspectio ue:	Signed Jam J. O.	for Skytech, Inc., P.O. Box 4942, Baltimore, A	ND 21220 LF1R294K	
	v	This propeller has been inspected in accordance with an annual inspection has been deemed airwarthy at this time.	on and	

☐ HUB &			DO Per 4040
Year:	Skyte	Chi, inc. LOG BOOK ENTRY	P.O. Box 4942 Baltimore, MD 21220 (410) 574-4144 CRS #LF1R294K
Next Inspection	N62WM W/O 24334	Propeller Entry Hobbs: 710.0 TT Propeller: 710.0	December 27, 2006 S/NHH1919
Year:		was to the second se	ar sometime
Date:	<ol> <li>Performed an annual Malibu/Meridian MM</li> </ol>	/100 hour inspection of the propeller per the Pipe Ch. 5-20-00	er PA-46-500TP
Next Inspec Due:	<ol> <li>AD 2006-24-07 - Har the propeller. Effective</li> <li>Performed a 50 hour</li> </ol>	tzell propeller blade separation does not apply per e date Jan 3, 2007. propeller heat inspection.	er para (c) due to the s/n of
		/12 month/400 hour propeller lubrication. the propeller blades as needed.	
Year:	<ol><li>A/D Notes Checked to</li></ol>	o Bi-weekly 2006-23. See AD Log dated 12-27-06 on ground run, operational and leak checks are s	o.
Date:	The aircraft and/or compo	nent identified above was repaired and inspected	in accordance with current
Next Inspec Due:	Federal Aviation Regulation	ns and was found airworthy for return to service, under Work Order No. 24334 Date: 12/ for Skytech, Inc., P.O. Box 4942, Baltin	Pertinent details of the repair
	0	This propeller has been inspected in accordan with an annual inspection and has been deem airworthy at this time.	

2	Skytech, inc. Experience the Skyte	ch-Advantage		P.O. Box 4942, Balti Phone: (410) 574-4144	more, Maryland 2122 / Fax: (410) 780-443
Propelle	er Log Entry	Hobbs:	910.0	Registration #:	N62WM
Date:	December 18, 2007	Total Time:	910.0	Make/Model:	PA46-500TP
W/O:	25017	Cycles: TSO:	392	S/N:	HH1919

 Performed an annual/100 hour inspection of the propeller per the Piper PA-46-500TP Malibu/Meridian MM Ch. 5-20-00.

#### Complied with the following Special Inspections per Chapter 05-30-00:

- Performed a 50 hour propeller heat inspection per the Piper PA-46-500TP Malibu/Meridian MM chapter 30-60-00.
- Performed a 6 month/12 month/400 hour propeller lubrication per the Piper PA-46-500TP Malibu/Meridian MM chapter 12-20-00 and Hartzell Propeller Owners Manual # 149 , 61-00-49 pages 6-5 to 6-7.

#### Complied with the following Airworthiness Directives (AD's):

Dates

Dues

Date:

Duo:

Date:

Due:

Next Inspection

Next Inspection

**Next Inspection** 

- AD 2005-14-11 Hartzell Propeller, Inc., McCauley Propeller Systems, and Sensenich Propeller Manufacturing Company, Inc. Propellers - does not apply per para (c). Propeller has never been returned to service by Southern California Propeller Service of Inglewood, CA. Effective date August 17, 2005.
- AD 2006-24-07 Hartzell propeller blade separation does not apply per para (c) due to the s/n of the propeller. Effective date Jan 3, 2007.

	P.O. Box 4942, Baltimore, Maryland 21
2	P.O. Box 4942, Baltimore, Maryland 21.  Phone: (410) 574-4144 / Fax: (410) 780-4  Experience the Skytech-Advantage
•	AD 2007-08-02 To detect unsafe conditions that could result in a propeller blade separation from the hub and loss of control of the airplane does not apply due to model number of propeller. Effective date April 27, 2007.
Compli	ed with the following Service Bulletins (SB's):
	N/A at this time
Comple	eted the following additional items:
	Profiled and painted the propeller blades as needed.
	Secured one prop deice boot tom edge with prc1422B-1/2 sealant,
certify determine	that this AIRCRAFT has been inspected in accordance with a 100-HOUR inspection and was ned to be in airworthy condition.
MAINTE	ENANCE RELEASE
The ni	recett and/or component identified above was repaired and inspected in accordance with
ou irror	+ Enderel Aviation Regulations and was found airworthy for return to service. Pertinent details
	repair are on file at this agency under Work Order No:25017 Date: December 18, 2007 for Skytech, Inc., P.O. Box 4942, Baltimore, MD 2122
Signe	CRS#LF1R294K



P.O. Box 4942, Baltimore, Maryland 21220

RATIONS

Phone: (410) 574-4144 / Fax: (410) 780-4439

Date:

Next I

Due:

Year:

Propeller Log Entry Hobbs: 1154.7 Registration #: N62WM Date: December 18, 2008 Total Time: Make/Model: HC-E4N-3Q 1154.7 W/O: 25532 Cycles: S/N: 490 HH1919 TSO:

#### Performed a 100-HOUR inspection:

Year.

 Performed an annual/100 hour inspection of the propeller per the Piper PA-46-500TP Malibu/Meridian MM Ch. 5-20-00.

Date:

Next I

#### Complied with the following Special Inspections per Chapter 05-30-00:

 Performed a 6 month/12 month/400 hour propeller lubrication per the Piper PA-46-500TP Malibu/Meridian MM chapter 12-20-00 and Hartzell Propeller Owners Manual # 149 , 61-00-49 pages 6-5 to 6-7.

#### Complied with the following Airworthiness Directives (AD's):

- AD 2008-13-28 To prevent failure of the propeller hub does not apply due to propeller is not left hand rotating. AD effective date is 7/17/08.
- AD notes checked to bi-weekly 2008-25. See AD log dated December 18, 2008

#### Complied with the following Service Bulletins (SB's):

 Performed Hartzell SL 30-283 Deice boot lead wire repair procedure by bonding de ice boot lead wire to the blade shank. SL Revision 1 dated March 10, 08.

#### Completed the following additional items:

Year: Date: Next I Due:

			P.O. Box 4942, Baltimore, Maryland 21220
	91	ytech, inc. Experience the Skytech-Advantage	Phone: (410) 574-4144 / Fax: (410) 780-4439
=		ed and painted the propeller bla	ades as needed.
	<ul> <li>Instal</li> </ul>	led a new beta block p/n A3026	6.
		s Propeller has been inspect e in airworthy condition.	ed in accordance with a 100-HOUR inspection and was
	AINTENANCE	RELEASE	
	The aircraft an current Federa	d/or component identified about al Aviation Regulations and was	we was repaired and inspected in accordance with s found airworthy for return to service. Pertinent details Work Order No: 25532 Date: December 18, 2008
	the contract of the contract o		for Skytech, Inc., P.O. Box 4942, Baltimore, MD 21220.
	in Service	Description	
	12000		
	Time Since		
ction	Overhaul	/	

Shoreline Aviation, Inc. 93 Old Colony Lane Marshfield, MA 02050 781-837-8521	
N#: N621N Ser. #: 4697177 PropTT: 1366.2 Date: 01-07-2010 Hobbs: 1366.2 ACTT: 1366.2	
Completed Annual insp. per FAR 43, app. D using Piper Event #1 & #form from chapt. 5 of the MM as a guide. Repainted the white on all four blade tips Engine ground runup and functional check satisfactor with no grease or oil leaks noted. I certify that this propeller has been inspected in accordance with an Annual insp. and was determined to in airworthy condition.   Gludu H. Moval H. Edward J. Novak W. A+P 2832024 IA	

#### HUB & BLADE INSPECTIONS, REPAIRS AND ALTERATIONS

Shoreline Aviation, Inc. 93 Old Colony Lane Marshfield, MA 02050 781-837-8521

Shoreline Aviation, Inc. 93 Old Colony Lane Marshfield, MA 02050 781-837-8521

N#: N621N Ser. #: 4697177 Date: 01-31-2011

Hobbs: 1554.8 ACTT: 1554.8 PropTT: 1554.8

N#: N621N Date: 02-04-2012

Ser. #: 4697177 Hobbs: 1763.2

ACTT: 1753.2

PropTT: 1753.2

Completed Annual insp. per FAR 43, app. D using Piper form Event #1 & Event #2 from the MM as a guide. Sanded and repainted all four blade tips. Installed a new 758-735 beta block. Engine ground runup and functional check satisfactory with no grease or oil leaks noted. certify that this propeller has been inspected in accordance with an Annual insp. and was determined to be in airworthy condition.

Completed Annual insp. per FAR 43, app. D using Piper Event#1 & #2 forms from chapt. 5 of the MM as a guide. R+R all four prop. boot deicer leads part # SMR2369.4. Repainted all four prop. blades. Completed dymanic prop. balance - initial reading was 0.8 IPS - finish reading was .08 IPS - 79 grams of weight added to the spinner bulkhead. Engine ground runup and functional check satisfactory with no grease or oil leaks noted. I certify that this propeller has been inspected in accordance with an Annual Insp. and was determined to be in airworthy condition.

		AIRWORTHINESS DIRECTIVES
	Total Hours	Complied by the following:
		19/13 ACTT-1928,3 PropT5N: 1928,3
		Propeller removed from N621N.
		19/13 ACTT-1928,3 Prop T5N: 1928,3 Propeller removed from N621No Edward of Moral of A+P2832024I
tion		
	Mech. Cert. #	or Repair Station #
	Total Hours	Complied by the following:
	2.77	
tion		
	Mech. Cert. #	or Repair Station #

01/23/13		HARTZELL PROPELLER	HC-E4N-3Q E8501B-3.5	S/N HH1919
the same transfer to the same	928.30 ).00	AND NEW B7726 RETAINING	& REPLACED WHERE ACKED, BALANCED, SE LISTED ON 8130-3 FOR -SB-61-309R1 AND NEW	REQUIRED. DEICER BOOTS T ANGLES AND PAINTED. RM. INSTALLED NEW 100641
		NEW ENGLAND PROPELLER : 6 MATTHEWS DRIVE	SERVICES	
		EAST HADDAM, CT 06423		
		FAA REPAIR STATION #RC2R	130L	
		EASA 145.5972		
		1-860-873-1494		

RIZED RELEA		CORP. AND ADVISOR TO THE	G	3. System Tracking Ref. No. 39594	
East	6 Matthews Drive East Haddam, CT 06423-2388 (860) 873-1494 • Fax: (860) 873-2388			5. Work Order, Contract or Invoice # CR-39594	
0.8	0. Eligibility*		11. Secini/Buich	Number	12. Status Work
	N/A	1	нн	1919	Overtauled
TUMERS NUMBERS		145AR15 202A V3R32 202A V10R32	133CR29 202A V6R29 202A V11R23	202A V1R43 202A V7R35	202A V2R29 202A V8R30
SET ANGLES AND	ANT INSPEC	CTED, MAGNAFI	LUXED & REPL TH AD'S & 58'S	ACED WHERE	REQUIRED, DEICE 10-3 FORM. IG SEALS PER HC-
9403	199402	4.) J99398	5.) N/A	6.) N/A	
EADY FOR RELEASE	E TO SERVIC	TS REPLACE	ART -145 APPRO	Qty.	Reason
PRE	LOAD PLA	TES	C6172	4	SB309R1
BETA	A RING		C452	1	WORN
RET	AINING RI	NGS	B1041	4	SL241R2
			><		
the time of the time of the time of	e & Hours ompliance		one-time	recurt.	Next Comp. hrs./date
9	Certifies that us 2 and describ d Federal Reg	(3.9 Return to Servi pleas otherwise ap- ried in Block 13 was publicos, part 43 an rvice.	edited in Block 13, accomplished in a	ocordance with Ti	in Black Se 14, Code
			/		21. Certificate Numbe RC2R130L
		ARTIE D'ON	IOFRIO, PRE	SIDENT	23. Date 01-23-2013
			unerth.		
Y	22. No	22. Name (Typed of User/Installer Responsible suboty to install	22. Name (Typed or Printed) ARTIE D'ON User/Installer Responsibilities scally constitute authority to install the performancements	22. Name (Typed or Printed) ARTIE D'ONOFRIO, PRE User/Installer Responsibilities deally contlide authority to instal the performance/installer.	22. Name (Typed or Printed) ARTIE D'ONOFRIO, PRESIDENT User/Installer Responsibilities

		AVIATION	Shoreline Aviation, inc.		IRS AND ALTERATIONS
	7		Marshileld Municipal Airport George Harlow Fleid (GHG) 93 Old Colony Lane Marshileld, MA (2050		
2/1/2013	N621N		serial # 4697177	Propeller Logbook	_
Completed ann maint, manual 1) Reinstalled on the engine	nual inspection in a as a guide. this propeller after and 8 new mountinup and functional is Propeller has b	r overhaul as shown ong bolts.	e TT: 1928.3 :: Prop. TT: 1928 43, app. D using Piper forms for on the previous page using a new th no grease or oil leaks noted. Indiance with an annual inspection	v o-ring at the prop. flange	
Shoreline Avia 93 Old Colony Marshfield, M 781-837-8521	Lane A 02050	Signed	John E. Sheehan A	+P 3439269 IA	
1	-10-	Mech. Cert. # or	Repair Station #		

AIRWOI	T8 11		AVIATION	Shoreline Aviation, Inc.	_
Year:				Marshfield Municipal Airport George Harlow Field (GHG) 93 Old Colony Lane Marshfield, MA 02050	=
.D. #	2/25/2014	N621N	PA46-500TP	serial # 4697177	Propeller Logbook
	Hobbs Hours:	2056.2 :: Aircra	ft TT: 2056.2 :: #1 E	ngine TT: 2056.2 :: Prop. TT:	
ext Inspecti ue:	maint manua	as a quide.		R 43, app. D using Piper forms	
	I certify that the in an airworthy	is Propeller has l condition.	been inspected in acco	ordance with an annual inspec	tion and was determined to
to:	Shoreline Avia 93 Old Colony Marshfield, MA 781-837-8521	Lane	-	0-20	
,,	/81-03/-0321		Signed	John E. Sheehan A+	P 3439269 IA
Inspection					
	Mech. Cert. # or	Repair Station #_			

			AVIATION	Shoreline Aviation, Inc.		DIRECTIVES
Year:				Marshfield Municipal Airport George Harlow Field (GHG) 93 Old Colony Lane Marshfield, MA 02050		-
A.D. #	3/17/2015	N621N	PA46-500TP.	serial # 4697177	Propeller Logbook	
A.D. 1	Hobbs Hours: 212.7	2141.0 :: Aircraf		gine TT: 2141.0 :: Prop. TT: 21		
Next Insp	Completed and maint, manual	nual inspection in	accordance with FAR	43, app. D using Piper forms for	Events #1 & #2 from the	
Due:		is Propeller has be	0	dance with an annual inspection	and was determined to be	
Year:			Signed_	John E. Sheehan A+F	3439269 IA	
Date:						-
A.D. #						
-	ection					
Next Inspe	43.0					

FACTOR			AVIATION	Shoreline Aviation, Inc.	-	
Year:		7		Marshilleld Municipal Airport George Harlow Field (GHG)	<del>-</del>	
Date:			-	93 Old Colony Lane Marshfield, MA 02050		
Next Inspectio	1/27/2016	N621N	PA46-500TP,	serial # 4697177	Propeller Logbook	
Due:	Hobbs Hours: 2 299.6	2227.9 :: Aircraft		ine TT: 2227.9 :: Prop. TT: 222		
	Completed ann maint, manual a	ual inspection in a as a guide.	ccordance with FAR 4	3, app. D using Piper forms for E	Events #1 & #2 from the	
Mech. Cert. # c	I certify that this in an airworthy	Propeller has be condition.	en inspected in accorda	ance with an annual inspection a	nd was determined to be	
Years			Signed &	elward from	1 //	
ioar.				Edward J Novak Jr. A+P	2832024 IA	
Dates						
Next Inspection Due:	Factory Bulletin					
N.						
		•				
Mech. Cert. # or	Repair Station #					

1			AVIATION	Shoreline Aviation, Inc.		LETINS [
Year:				Marshfield Municipal Airport George Harlow Field (GHG) 93 Old Colony Lane Marshfield, MA 02050		
Dates	1/25/2017	N621N	PA46-500TP,	serial # 4697177	Propeller Logbook	
Next Inspectio Due:	#1Propeller SM	2352.4 :: Airc MOH: 424.1	raft TT: 2352.4 :: #1 Er	ngine TT: 2352.4 :: #1 Propell	er TT: 2352.4 ::	-
				43, app. D using Piper forms		
Mech. Cert. # a	be in an airwor	thy condition.	Signed	ance with an annual/inspection	n and was determined to	
Year:			0.	John E. Sheehan A+P	3439269 IA	*
Date:						
Next Inspection Due:	Factory Bulletin #					
Mech. Cert. # or I	Repair Station #_					

FACTO		AVIATION	Shoreline Aviation, Inc.		
			Marshfield Municipal Airport George Harlow Field (GHG) 93 Old Colony Land Marshfield, MA 02050		
Inspect 2/7			, serial # 4697177	Propeller Logbook	
Ho	obbs Hours: 2478.3		Engine TT: 2478.3 :: Prop. TT:		-
the	e maint, manual as	s a guide.	AR 43, app. D using Piper forms	s for Events #1 & #2 from	-
Cert. I Ins	stalled 4 new deice	er boot lead wire assemblies (pa	art # 4E2369-6).	w NEW Commission	
to	be in an airworthy	peller has been inspected in accondition.  Signed	scordance with an annual inspec	ction and was determined	
			Edward J. Novak Jr. A	+P 2832024 IA	
Inspection	Factory Bulletin #				
. Cert. # or	Repair Station				
ch. Cert. # or	Repair Station #				

			Shoreline			BULLETINS [
		1	AVIATION	Shoreline Aviation, Inc.		
Date:				Manshfield Municipal Airport George Harlow Field (GHG) 93 Old Colony Lane Marshfield, MA 02050		
Next Inspe	1/28/2019	N621N	PA46-500TP,	serial # 4697177	Propeller Logbook	<del></del>
		:: Engine CSN;		ngine TT: 2584.8 :; Prop. TT	: 2584.8 :: Prop.	
Mech. Cerl	the maint, manu	ual as a guide. S Propeller has b	een inspected in acc	ordance with an annual inspension E. Sheehan At	ction and was determined P 3439269 IA	
Next Inspect Due:	Factory Bulletin #	1/30/2		rhaul. Edward	pulvel rem	oved for
		1		A+128	532024IA	
Mech. Cert. #	or Repair Station					

TSO	A/C Hrs	S	The state of the s	The state of the s	pertaining to Airworthiness Directives I, Major or Minor Repair, and Inspecti	
	02/19/20		HARTZELL PROPELLER	HC-E4N-3 E8501B-3	5	
	P.T.T.S.N.; P.T.T.S.C.;	2,667.00 00.00	FLORESCENT PER REPLACED WHE PROPELLER TRA	ENETRANT I RE REQUIR ACKED, BAL LADE KNOB	REFINISHED. PARTS NSPECTED, MAGNAFLUXED, AND ED. DEICER BOOTS INSTALLED. ANCED, GREASED, SET ANGLES BRACKETS MODIFIED I/A/W	
			NEW ENGLAND I 6 MATTHEWS DE EAST HADDAM, 0 FAA REPAIR STA EASA 145.5972 1-860-873-1494	PROPELLER RIVE CT 06423		

Approving Civil Aviation     Authority/Country:		2	3. Form Tracking Number:						
	United States		FAA Form 8130-3, All	RWORTHINESS /	APPROVAL TAG	3		45870	
4. Organiza	New Englar FAA RSN R EASA 145.5	d Propeller Ser C2R130L	vice, inc	The state of the s	ve CT 06423-2388 1 · Fax: (860) 87	5. Work Order/Contract/Invoice Numb			
B. Herro	7 Description:	8. Part Number:		9. Quantity:	10. Serial Number		11. Status/Work:		
1	Hartzelf-Propeller		C-E4N-3Q 85018-3.5	1	нн	1919	0	verhauled	
			WITH MANUFACTURERS MA		143AR22 202A V3R38 202A V9R31	138CR36 202A V6R35 202A V10R36	202A V1R57 202A V7R49 202A V11R36	202A VSR31 202A VSR33	
MAJOR DEICER	ving work was perform	es refinished. P	d Propeller Service, Inc. un PARTS FLORESCENT PERACKED, BALANCED, G	ENETRANT INSPE	CTED, MAGNAFL	UXED, AND RES	LACED WHERE	E REQUIRED MODIFIED VAVW	
Diede C	dal was	[1,)	2)	3.)	4.)	5.)	6.)		
Blade Se	Frial P S;	J99404	J99403	J99402	J99398	N/A	N/A		
HC-SL-6 HC-SL-6 HC-SL-6 WAPA P	1-346R2 1-374R1 ing Service Letters has 1-354 1-348 1-241R3 ROCEDURE: 001					<b>&gt;</b> <			
	ing Airworthiness Directions NONE	Siving Have Down		1		1			
	A.D.'s	Revision Date	Applicable A.D S.B. & Subject	Date & Hours @ Compliance	Method of Compliance	one-time	гесип.	Next Comp. hrs./date	
DAp	thes the name identified proved thought data an approved design data and approved design data.	d are in a condition for		Certifies that u	43.9 Return to Serviniess otherwise spe- ed in Block 12 was a pulsions, part 43 are	cified in Block 12, the	cordance with Title	Block 14, Code	
13b. Auth	orized Signature:	4	c. Approval/Authorization No				14c. Approvei/Certificate No.: RC2R130L		
13d Nam	seTyped or Priviled)	13	e. Dale (dd/m/mayyyy):	14d. Name (Typed ARTIE D	or Printed): ONOFRIO, P	RESIDENT	14e. Date (dd/mmm/yyyy): 19/FEB/2020		
				nstaller Responsit					
Where the U	seprentalise performs work	in accordance with the r	mone does not automatically on account regulations of an arranth a alternit angularis/ipropaliaris/ia	iness authority officered th	set the airworldness po	morely of the country is	peated in Ellock 1, it i	o essential than the	

Statements in Blocks 13e and 14e do not constitue statuture conflication. In all cases, around municipalities must contain an installation cardination issued in eccordance with the national regulations by the user/installer before the aircraft may be flown.

NSN: 0082-00-012-000



Shoreline Aviation, Inc.

Marshfield Municipal Airport George Harlow Field (GHG) 93 Old Colony Lane Marshfield, MA 02050

7/3/2020

N621N

PA46-500TP, serial # 4697177

Propeller Logbook

Hobbs Hours: 2667.9 :: Aircraft TT: 2667.9 :: #1 Engine TT: 2667.9 :: #1 Engine TSMOH: 0.0 :: Prop. TT: 2667.9 :: Prop. TSMOH: 0.0 :: Engine CSN: 1190

Completed annual inspection in accordance with FAR 43, app. D using Piper forms for Events #1 & #2 from

This propeller reinstalled using a new o-ring and attaching hardware after overhaul as shown on the previous page. Runup and leak check OK.

certify that this Propeller has been inspected in accordance with an annual inspection and was determined to be in an airworthy condition.

Edward J. Novak Jr. A+P 2832024 IA

Shoreline

Shoreline Aviation, Inc.

Marshfield Municipal Airport George Harlow Field (GHG) 93 Old Colony Lane Marshfield, MA 02050

3/4/2021

N621N

PA46-500TP, serial # 4697177

Propeller Logbook

Hobbs Hours: 2729.9 :: Aircraft TT: 2729.9 :: #1 Engine TT: 2729.9 :: #1 Engine TSMOH: 62.0 :: Prop.

TT: 2729.9 :: Prop. TSMOH: 62.0

Completed annual insp. Per FAR part 43, app. D using Piper Event #1 & #2 inspection forms as guides.

I certify that this Propeller has been inspected in accordance with an annual inspection and was determined to be in an airworthy condition.

Signed

John E. Sheehan A+P 3439269 IA

	TSN	TSO	A/C Hrs	S	ervice Docume	nts, Overh	s pertaining to aul, Major or M	Alrworthiness Direction Repair, and Ins	pections.
_			- T		HARTZELL	HC-E4N	-30		
		150	02/19/20		PROPELLER	E8501B			
						SINHH	919		
			PTTSC	2,667.00 00.00	FLORESCENT REPLACED WI PROPELLER T	PENETRANT HERE REQUI RACKED, BA BLADE KNO	RED. DEICER BO LANCED, GREAS OB BRACKETS M	AGNAFLUXED, AND DOTS INSTALLED. SED, SET ANGLES	
					AUTHORIZED	By	REF. W/O	CR-45870	
					NEW ENGLAN B MATTHEWS EAST HADDAN FAA REPAIR S EASA 145.597: 1-660-673-1494	DRIVE A CT 06423 TATION MRC			
		6							6
	(	0		AS	horeline	Sharelin	e Aviation, Inc.		0
		0		A	horeline IATION	Marshald George H 93 Oct Co	Municipal Argort actor Field (SHG) fony Labe		D
		TT: 2667 Complete the main This pro- previous I certify I	fours: 2667,9 7.9 Prop. led annual in: it. manual as peller reinsta page. Runu	E21N  :: Aircraft T  SMOH 0.0  spection in ac a guide.  lied using a ni p and leak ch eller has been	PA46-500TP,: 1: 2667.9 :: #1 En Engine CSN: 11 cordance with FAR ew o-ring and attect eck OK.	Marshale George H 93 Oct Co Marshale serial # 4697 gine TT 266 90 43, app. D u thing hardwar	Municipal Argort atom Find (GHG) only Labe 1977 7.9 :: #1 Engine sing Piper forms for after overhaul atom annual inspection	Propeller Logitool TSMOH: 0.0 -: Prop. or Events #1 & #2 from a shown on the on and was determined	•
		Hobbs H TT: 2667 Complete the main This pro- previous I certify I	fours: 2667,9 7.9 Prop. ded annual inst. manual as peller reinsta page. Runu that this Prop	E21N  :: Aircraft T  SMOH 0.0  spection in ac a guide.  lied using a ni p and leak ch eller has been	PA46-500TP,: 1: 2667.9 :: #1 En Engine CSN: 11 cordance with FAR ew o-ring and attect eck OK.	Marsheld George H 93 De Co Marsheld serial # 4697 Igine TT: 266 90 43, app. D u thing hardwar ordance with a	Municipal Argort atom Find (GHG) only Labe 1977 7.9 :: #1 Engine sing Piper forms for after overhaul atom annual inspection	TSMOH: 0.0 = Prop. or Events #1 & #2 from a shown on the on and was determined	-
		Hobbs H TT: 2667 Complete the main This pro- previous I certify I	fours: 2667,9 7.9 Prop. ded annual inst. manual as peller reinsta page. Runu that this Prop	E21N  :: Aircraft T  TSMOH 0 0  spection in ac a guide.  lied using a ni p and leak ch eller has been condition.	PA46-500TP,: 1: 2667.9 :: #1 En Engine CSN: 11 cordance with FAR ew o-ring and attect eck OK.	Marsheld George H 193 Oa Co Marsheld 90 a Co Marsheld 90 a Co Marsheld 90 a Co 43, app. D u thing hardwar adance with a LUTALL J	Municipal August action Flance (CEHG) sony Labe 1 MA COONS 1777 7.9 :: #1 Engine 1 Sing Piper forms to after overhaul august an annual inspection of the central of the cen	TSMOH: 0.0 = Prop. or Events #1 & #2 from a shown on the on and was determined	

PA46-500TP, serial # 4697177

Hobbs Hours. 2729.9 Aircraft TT: 2729.9 #1 Engine TT: 2729.9 #1 Engine TSMOH. 62.0 ... Prop.

Completed annual insp. Per FAR part 43, app. D using Pipus Event 41 & #2 inspection forms as guides.

I certify that this Propeder has been inspected in accordance with an annual inspection and was determined.

3/4/2021

N621N

TT: 2729.9 Prop. TSMOH: 62.0

to be in an airworthy condition.

Propellar Logbook

John E. Sheehan A+P 3439269 IA

Date	Prop TSN	TSO	A/C Hrs	Description of all opera Service Documents, Ovi	10/13/2021 N621N Hol Perform dynamic balance Fi	obs: 2793.8 nish 0.041 IPS.
					Hartzell Service Center Repair Station # SJ3R843L	Repairman 2499648

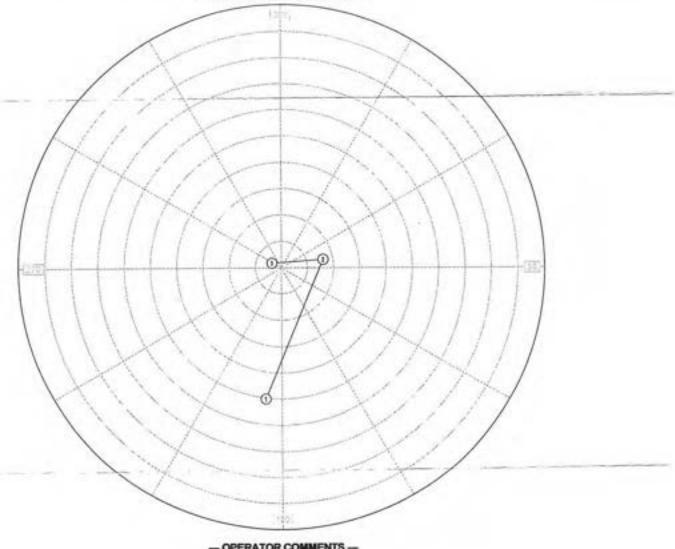
#### Hartzell Propeller, Inc. - Piqua, Ohio

Printed: Wed Oct 13 13:04:07 2021

#### ---- MICROBASE BALANCE HISTORY REPORT ----

3/2021 15:13:1	2 OPE	R: MR				Work	Order:		Customer:		
/C: N621N Mdl: PA-46T S/N: mp: Mdl: S/N:					Misc. Misc.					0.0	
OP Task: PR	ROP1										
TYPE	RPM	VIB	LEVEL	PHASE	WT1	LOC1	WT2	LOC2	SENS	TAC	
LS	1981.6	0.503	IN/S	187.2	15,40	160.0	28.60	210.0			
LS	1987.0 1983.2	0.162	IN/S IN/S	78.7 296.4	-15.40 3.31	160.0. 160.0	5.90 -2.65	210.0	63.5	135	
	OP Task: PF TYPE LS LS	Mdi: PA- Mdi: OP Task: PROP1 TYPE RPM LS 1981.6 LS 1987.0	Mdl: PA-46T Mdl: DP Task: PROP1 TYPE RPM VIB LS 1981.6 0.503 LS 1987.0 0.162	Mdi: PA-46T S Mdi: S  OP Task: PROP1  TYPE RPM VIB LEVEL LS 1981.6 0.503 IN/S LS 1987.0 0.162 IN/S	Mdi: PA-46T S/N: S/N: S/N: S/N: S/N: S/N: S/N: S/N:	Mdi: PA-46T S/N: S/N: S/N: S/N: S/N: S/N: S/N: S/N:	Mdi: PA-46T S/N: Misc:  DP Task: PROP1  TYPE RPM VIB LEVEL PHASE WT1 LOC1 LS 1981.6 0.503 IN/S 187.2 15.40 160.0 LS 1987.0 0.162 IN/S 78.7 -15.40 160.0.	Mdi: PA-46T S/N: Misc: M	Mdi: PA-46T S/N: Misc:  DP Task: PROP1  TYPE RPM VIB LEVEL PHASE WT1 LOC1 WT2 LOC2 LS 1981.6 0.503 IN/S 187.2 15.40 160.0 28.60 210.0 LS 1987.0 0.162 IN/S 78.7 -15.40 160.0. 5.90 210.0	Mdi: PA-46T S/N: Misc: M	Mdi: PA-46T S/N: Misc: Hrs:  OP Task: PROP1  TYPE RPM VIB LEVEL PHASE WT1 LOC1 WT2 LOC2 SENS TAC  LS 1981.6 0.503 IN/S 187.2 15.40 160.0 28.60 210.0 80.0 160  LS 1987.0 0.162 IN/S 78.7 -15.40 160.0. 5.90 210.0 70.0 144

---- POLAR PLOT - 1.0 IN/S FS -----



## 2004 PIPER MERIDIAN

### PA46-500TP | SN 4697177 | N621N

#### Duncan Aviation

Duncan Aviation was founded in 1956 as an aircraft sales organization and is a founding member of NARA. Since 1956, we have conducted more than 3,500 transactions. We have 2,150 aviation experts worldwide, each with an average of 12 years with the company. The aircraft sales team partners with these experts to provide technical support before, during and after the aircraft transaction.

Duncan Aviation is the world's largest privately owned business jet support facility. We provide business aircraft operators with every aircraft service they need. Yet we do so with the friendliness and responsiveness of a small-town company.

Our people have a passion for aviation and for serving customers. They are among the most experienced in the industry and the quality of the service they provide is among the best in the world.

Customers often visit our major MRO facilities in Battle Creek, Michigan; Lincoln, Nebraska; and Provo, Utah, and are surprised at our vast array of services, our innovative solutions and our excellent customer service.

We provide aircraft acquisition & sales, airframe & engine maintenance, avionics installations, interior & paint completions/modifications, avionics/instrument/ accessory repairs & overhauls and parts support for Bombardier, Dassault, Textron, Gulfstream and Embraer manufactured aircraft. Our 20+ avionics satellites and 16 engine Rapid Response offices provide avionics and engine services in the field for scheduled and AOG work. And our parts team provides 24/7/365 support worldwide with knowledgeable reps who answer the phone day or night.



ANN POLLARD

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Ann.Pollard@DuncanAviation.com

