



**DUNCAN**  
AVIATION

**AIRCRAFT SALES & ACQUISITIONS**  
**2004 PIPER MERIDIAN**  
PA46-500TP | SN 4697177 | N621N



# 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 Generators
- Pressurized 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 O 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 Expoxyl 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

Item	Bulletin	Bulletin	Bulletin	Date	
#	No.	Description	Date	Completed	Remarks
1	1052	NLG Steering Bungee Mod.	2/26/2001	DNA - S/N	4697003-35 & 37
2	1053	O.A.T. Probe Relocation	4/3/2001	DNA - S/N	4697003-39
3	1054	Crew Seat Insp. & Mod.	4/12/2001	DNA - S/N	4697003-35 & 37
4	1055	Eng. Quadrant Insp. & Mod.	5/29/2001	DNA - S/N	4697003-40
5	1056	Fuel Drain Valve Insp. & Repl.	4/4/2001	DNA - S/N	4697003-35 & 37
6	1058	Overhead Switch Panel R+R	5/31/2001	DNA - S/N	4697003-52 & 54
7	1059	Low Press. Fuel Pump Leak Insp.	6/11/2001	DNA - S/N	4697003-44
8	1060	Brake Pedal Binding	5/15/2001	DNA - S/N	4697001-55
9	1061	NLG Strut Snap Ring Insp.	6/19/2001	DNA - S/N	4697001-46 & See Bulletin
10	1062	Flap Bellcrank Insp. (AD 01-12-01)	5/11/2001	DNA - S/N	4697001-20 & See Bulletin
11	1063	Circuit Breaker Panel Mod.	6/11/2001	DNA - S/N	4697003-60
12	1064	Flow Control Valve Clip Inst.	6/14/2001	DNA - S/N	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 & Solenoid 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 Safelying	7/2/2001	DNA - S/N	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	DNA - S/N	4697001-83 & 92
22	1074	Bleed Air Restriction	7/23/2001	DNA - S/N	4697001-78
23	1076	NAV/GS Wiring Insp. & Mod.	7/19/2001	DNA - S/N	4697001-38
24	1077	P+W Oil-to-Fuel Heater Insp.	7/13/2001	DNA - S/N	4697001-75
25	1078	Stall Warning Switch Bracket	8/13/2001	DNA - S/N	4697001-75
26	1080	Lear-Romec Fuel Pump, VSP-13	7/26/2001	DNA - S/N	4697001-97
27	1082	Aft Stowage Compartment Drain	8/13/2001	DNA - S/N	4697001-37
28	1084	Known Icing Certification	9/20/2001	DNA - S/N	4697001-100 & See Bulletin
29	1085	NLG Steering Arm Chafing	10/26/2001	DNA - S/N	4697001-53
30	1086	Generator/Ammeter Relay Kit	10/3/2001	DNA - S/N	4697001-69 & See Bulletin
31	1087B	NLG Downspring Tubes R+R	5/27/2003	DNA - S/N	4697001-46 & 48
32	1088	Aft Spar Splice Cap Insp.	12/10/2001	DNA - S/N	4697001-90
33	1089	NLG Squat Switch Adjustment	11/12/2001	DNA - S/N	4697001-95
34	1090	Fuel Return Solenoid	8/23/2001	DNA - S/N	4697001-94 & See Bulletin
35	1091	Oil-to Fuel Heater	9/20/2001	DNA - S/N	4697001-75
36	1093	Alternator Diode Inst.	12/5/2001	DNA - S/N	4697001-123 & 125
37	1094	Fuel Check Valve R+R	10/19/2001	DNA - S/N	4697001-114 & See Bulletin
38	1095	Gear Warning Mute Switch	1/18/2002	DNA - S/N	4697001-114 & See Bulletin
39	1098	Deice Line Insp. & R+R	2/1/2002	DNA - S/N	See Bulletin
40	1099	Feather Solenoid Diode Kit	1/18/2002	DNA - S/N	4697001-114 & See Bulletin
41	1102	Terminal Cover Inst.	3/8/2002	DNA - S/N	4697001-114 & See Bulletin
42	1103	Engine Mount Insp.	4/22/2002	DNA - S/N	4697001-71
43	1106	NLG Steering Improvement	1/28/2002	DNA - S/N	4697001-125
44	1107	Manuevering Speed Placard	3/7/2002	DNA - S/N	4697001-99
45	1108	Flux Detector Relocation	3/11/2001	DNA - S/N	4697001-125
46	1111	Float Switch Wiring Insp. & Mod.	8/19/2002	DNA - S/N	4697001-126
47	1114	GPS 530 Lighting Mod.	4/24/2002	DNA - S/N	4697001-54
48	1121	Missing Empenage Rivets	10/3/2002	DNA - S/N	4697001-127 & 134
49	1126A	Emer. Gear Handle Mod.	7/29/2003	DNA - S/N	4697001-158
50	1132	Control Module Improvement	6/4/2003	DNA - S/N	4697001-140 & 142-153
51	1135	GMA 340 Wiring Mod.	7/16/2003	N/A Mod 4 only	See Bulletin
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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 Manufacturer: Piper Total Time: 2729.9  
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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	See Bulletin
61	1166	Electronic Control Module (COMPLETE)	1/5/2007	12/18/07-910.0	4697001-291
62	1170	Louvered Cover Assembly (COMPLETE)	10/6/2006	12/27/06-710.0	4697001-272
63	1173A	Oil Cooler Hoses (COMPLETE)	11/1/2006	12/18/07-910.0	4697001-260
64	1175B	Pilot's Side Window Insp. (COMPLETE)	9/30/2010	5/20/10-1444.3	All PA46's
65	1176	Rudder Torque Tube Insp. (COMPLETE)	1/16/2007	12/18/07-910.0	4697001-269
66	1177	Nose Wheel Bolts R+R (COMPLETE)	11/14/2006	12/27/06-710.0	4697001-260
67	1181B	Flap Track Splice Insp. (COMPLETE)	9/10/2009	12/18/07-910.0	4697001-385
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	4697001 - 363
73	1192	Stall Heat Mod. (COMPLETE)	9/15/2008	12/18/08-1154.7	4697001 - 365
74	1193	NLG Downspring R+R (COMPLETE)	3/3/2009	4/1/09-1222.1	4697001 - 346
75	1195B	COM Antennas Skin Insp. (Due ea. 4000 hrs.COM)	4/15/2010	1/7/10 - 1366.2	4697001 & up
76	1202	Beta Lockout Lever Insp. (COMPLETE)	3/18/2009	5/20/09-1252.4	4697001-386
77	1204	Re-Calculate Wing Life Limit	12/18/2009	DNA - Usage Typ	4697001 & up
78	1205	Py Heater Ground Relocation (COMPLETE)	3/24/2010	1/31/11-1554.8	4697001-271
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	DNA - S/N	4697347-391
83	1230	Nose Wheel Grommet	6/6/2011	2/4/12 - 1753.2	4697001-447
84	1232	Placard, Door Handle	5/16/2011	DNA - S/N	4697435-452
85	1234	Oil Cooler Temp. Valve R+R (COMPLETE)	6/23/2011	2/4/12 - 1753.2	4697001-447
86	1236	Ldg. Gear Servicing Placards (COMPLETE)	10/6/2011	2/4/12 - 1753.2	4697001-466
87	1237	Static Discharger R+R	8/10/2011	DNA - S/N	4697448-455
88	1243C	Ldg. Gear Malfunction (COMPLETE)	3/7/2012	2/4/12 - 1753.2	All PA46's
89	1247B	Garmin SafeTaxi Limitation	3/13/2019	DNA - S/N	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	4697001-528
95	1267A	Empennage Rivets Insp. (COMPLETE)	12/18/2015	1/27/16 - 2227.9	4697161-543
96	1271A	Wing Spar Insp. (COMPLETE)	12/12/2019	1/27/16 - 2227.9	4697001-406
97	1275	NLG Servicing Placard (COMPLETE)	6/26/2015	1/27/16 - 2227.9	4697001-591
98	1283A	Cabin Altitude Encoder Mod.	10/19/2016	DNA - S/N	4697340, 399-591, 593-595, 597, 598
99	1280A	H3r Fire Ext. R+R (COMPLETE)	4/29/2016	1/27/16 - 2227.9	4697001-590
100	1288A	Vert. Fin Hardware/Holes	5/18/2017	DNA - S/N	4697197-602
101	1290B	Flap Bracket Insp. Round Head Rivets Found Installed	12/14/2017	7/3/20 - 2667.9	4697173 - 605
102	1291	Exec. Table Placard R+R (COMPLETE)	8/11/2016	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 Override Check (COMPLETE)	3/31/2016	1/25/17 - 2352.4	4697001 - 606
105	1297	United Inst. Altim SB #13	4/29/2016	DNA - Not install	All PA46's
106	1306	Wing Rib Mod. (COMPLETE)	1/10/2018	2/7/18 - 2478.3	4697173 - 605
107	1314	Cabin Door Frame Insp.	3/12/2018	DNA - S/N	4697617 - 618
108	1322	Stall Heat Grd. Wire Insp.	2/28/2018	DNA - S/N	4697549, 569, 582 - 628
109	1327	Aileron Control Cable Tube Insp. (COMPLETE)	6/26/2018	1/25/19 - 2584.8	4697001 - 634
109	1328	Aileron Quadrant Cable Guard R+R	6/26/2018	DNA - S/N	4697608 - 636
110	1336	Ail/Rud Interconnect	1/18/2019	DNA - S/N	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	DNA - S/N	4697340, 399 - 669
114	1349	Fuel Return Valve Wiring Mod.	2/14/2020	DNA - S/N	4697549, 569, 582-611
115	1350A	NLG Steering Horn Insp.	2/10/2021	DNA - S/N	4697668-671
	Bulletin	Bulletin	Bulletin	Date	
Item	No.	Description	Date	Completed	Remarks

Date: 3/4/21 Hourmeter: 2729.9 N#: 621N  
Manufacturer: Piper Total Time: 2729.9  
Model #: PA46-500TP Serial #: 4697177

#	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	DNA	4697001-128
5	SL 1055	Table Stow Adjustments	6/20/2003	DNA	4697001-129
5a	SL 1056	Drain Hose Routing Insp. (COMPLETE)	2/19/2003	unknown	4697001 and up
6	SL1057	Upper Wing Skin Reinforcement	1/23/2003	DNA	4697001-141 & 143-145
7	SL 1058A	Hor. Stab. M.M. Correction (Info. Only)	10/16/2012	DNA	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	3/31/2003	1/25/17 - 2352.4	ALL
12	SL 1072	Magnetization of ELT Antenna (IF NEEDED)	6/4/2003	DNA	4697001-148
13	SL 1074	S-TEC Component Seating (Due @ ea. R+R)	11/3/2003		All S-TEC equipped aircraft
14	SL 1075	Higher Capacity Battery	10/27/2003	DNA	4697001-169
15	SL 1076	Stall Warning Computer	1/9/2004	DNA	4697001-169
16	SL 1077	MAGIC 1500 G/A Rewire (Not Installed)	12/3/2003	DNA	See SL for S/N's
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	DNA	4697001-173
23	SL 1097	Flap Rigging Check (COMPLETE)	10/17/2005	12/16/05-710.0	4697001-208
24	SL 1100	Crew Seat Mod. (COMPLETE)	6/18/2006	12/18/07-910.0	4697001-249
25	SL 1102	Oil Press - RMI/EMI Interference (COMPLETE)	10/9/2006	12/18/07-910.0	4697001-215
26	SL 1107A	False "Gen Inop" Annuciation (IF NEEDED)	10/3/2007	DNA	4697002, 198, 216-301
27	SL 1109	Generator System Malfunctions (IF NEEDED)	7/3/2008	Not Done	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	Contacto 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 - 2333.4	4697001 & up
35	SL 1120	Air Cond. Servicing (Info. Only)	6/18/2010		4697002 & up
36	SL 1127	Emer. Exit Velcro R+R	7/2/2010	N/A S/N	4697370-427
37	SL1129	Improved Gear Actuators	6/27/2011	Not Done	4697001-432
38	SL 1130	Lower Entry Door Upgrade (If Desired)	8/4/2010	Not Done	4697001-369
39	SL1131A	Ail. Bearing Lube (Due ea. 100 hrs. or Ann.)	2/11/2019	3/4/21 - 2729.9	ALL
40	SL 1126A	Volt Suppressor Advisory	3/23/2017	N/A S/N	4697198, 216-358
41	SL 1123	Avidyne S/W Upgrade	9/27/2010	N/A S/N	4697198, 216 & up
42	SL 1135	Control Cables/Pulley Insp. (Due ea. 100 hrs.)	10/19/2010	3/4/21 - 2729.9	ALL
43	SL 1137	C.B. Panel Mod.	11/3/2010	Not Done	4697001-433
44	SL 1138	Lift Txdc. Mod.	1/17/2011	Not Done	4697001-445
45	SL 1139	G1000 S/W Ver. 720.12	3/14/2011	DNA	4697340, 399-447
46	SL 1142A	Line Contactor & GCU R+R (If desired)	3/10/2014	Not Done	4697001-452
47	SL 1147	G1000 S/W Ver. 720.14	12/1/2011	DNA	
48	SL 1155	Ground Idle Adjustment (COMPLETE)	1/30/2012	2/4/12 - 1753.2	All
49	SL 1157	Exterior Lighting LED Upgrade	4/26/2012	Not Done	4694001-457
50	SL 1158	Hubcap Upgrade (COMPLETE)	4/26/2012	5/12/17 - 2388.2	4697001 & up
51	SL 1160	Interior Lighting LED Upgrade	10/31/2017	If Desired	4697001-492
52	SL 1170	Evaporator Module	6/27/2013	When Needed	4697003-365
53	SL 1178	Garmin G1000 S/W ver 720.15	4/23/2014	N/A S/N	4697340, 399-537
54	SL 1185A	Stall Warning Test	3/26/2015	When Needed	All
55	SL 1189B	GCU Reverse Current (COMPLETE)	8/14/2015	1/27/16 - 2227.9	4697001-548, 550-568, 570-581
56	SL 1195	Garmin S/W ver. 720.17	9/2/2015	If Desired	G1000 Airplanes up to S/N 4697581
57	SL 1196A	GTX33ES Availability	12/21/2017	If Desired	4697399 - 550
58	SL 1199A	Garmin S/W 2163.05	7/26/2016	N/A S/N	4697549, 569, 582-607
59	SL 1200A	P&W SB 3482 R+R of FCU	4/27/2016	If Desired	4697101 - 606

Date: 3/4/21 Hourmeter: 2729.9 N#: 621N  
 Manufacturer: Piper Total Time: 2729.9  
 Model #: PA46-500TP Serial #: 4697177

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	N/A S/N	4697549, 569, 582-618
64	SL 1211	Audio bus Wiring Insp. & Fuse R+R	5/3/2017	N/A S/N	4697458-618
65	SL 1219	Cabin Pressure Troubleshooting	1/5/2018	N/A S/N	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	N/A S/N	4697549, 569, 582-625, 627-630
71	SL 1233	Flap Protective Tape	7/13/2020		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	3/4/21 - 2729.9	All
77	SL 1272	Elevator Spar Insp. Due each inspection	10/25/2019	3/4/21 - 2729.9	All
78	SL 1274	Hartzell Preferred Grease	1/6/2020		All
79	SL 1280	Rudder Pedal Bar Insp. Due each inspection	2/14/2020	3/4/21 - 2729.9	All
80	SL 1282	Avionics Cooling Fan	6/22/2020	N/A S/N	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 Adjustments	8/18/2020	3/4/21 - 2729.9	All
Item	Bulletin	Bulletin	Bulletin	Date	
#	No.	Description	Date	Completed	Remarks
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	DNA - S/N	4697001-369
4	SSL 432	Hydraulic Component Repair Kits	9/28/2007	Info.	ALL
5	SSL 437D	Tire Options	5/6/2019	Info.	ALL
6	SSL 438	Breather Hose Relocation	5/14/2012	Not Done	4697001-457
7	SSL 445	Battery Tray/Slide R+R	6/28/2012	Not Done	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	Info.	4697001-515
11	SSL 459	Vacuum Bled Port Cover Kit	4/30/2015	If Desired	4697001-592
12	SSL 463	Inboard Crew Armrest Improvement	12/3/2015	DNA	4697458-601
13	SSL 464	Prop./Pitot Heat Timer Impr. ALL 3 COMPLETE	4/1/2016	5/12/17 - 2388.2	4697001 & up
14	SSL 478	Rosen Sun Visors	9/14/2017	DNA	4697370 & up
16	SSL 495	Garmin A/P Servo Parts	11/11/2019	DNA	4697340, 399-542
17	SSL 496A	LED Ice Light	1/15/2021	If Desired	4697001 - 671
Item	Bulletin	Bulletin	Bulletin	Date	
#	No.	Description	Date	Completed	Remarks
	SA46-6	Improper Autopilot Tracking	11/22/2000	DNA	4697003, 004, 006
1	SA46-6A	Updated S/W	11/30/2000	DNA	4697003-008, 010
2	SA46-7	Heat Insulator Shroud	12/8/2000	DNA	4697003-006
3	SA46-8	Revised Annunciator Panels	1/11/2001	DNA	4697003-026
4	SA46-10	Flux Detector Relocation	3/2/2001	DNA	4697003-026
5	SA46-11	Fuel System Check Valve	11/14/2001	DNA	4697032, 035, 071
6	SA46-13	Horiz. Stab. Missing Rivets	9/9/2002	DNA	4697128-130,32,33,35,36,38,39,45
7	SA46-14	Fuel Temp. Limit Placard	7/20/2004	DNA	4697067, 159-173
8	SA46-15	Control Cable Retention Screw	2/3/2006	DNA	4697216-237
9	SA46-17A	Heated W/S connector R+R	3/27/2007	DNA	4697281-286
10	SA46-18	Oil Cooler Control Valve COMPLETE	1/21/2011	2/4/12 - 1753.2	See SA for s/n's
11	SA46-19A	First Stage Compressor Stator Insp.	10/15/2012	DNA	4697474-490
12	SA46-20	Stall Heat Wiring on R+R Wings	3/27/2019	N/A S/N	4697141, 161, 086 & 020

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
	<u>Bulletin</u>	<u>Bulletin</u>	<u>Bulletin</u>	<u>Date</u>	
<u>Item</u>	<u>No.</u>	<u>Description</u>	<u>Date</u>	<u>Completed</u>	<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	ALL
4	VSP 142	Garmin SB 0204	2/5/2003	DNA	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.	All
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	DNA	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	ALL
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	DNA	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	4697001-618
33	VSP-263	Garmin SB 1877A	11/9/2018	DNA	4697549, 569, 582-625, 627-630
34	VSP 268	Slick SB 1-19	4/11/2019	DNA	Piston Planes Only
35	VSP-269	P&W SB3501R1 FOHE R+R (COMPLETE	3/30/2020	5/15/20 - 615.7	4697001 - 665
36	VSP-270	Garmin SA 1989	1/27/2020	DNA	4697626, 631 & up

<b>AD NOTES COMPLIANCE RECORD</b>
-----------------------------------

Airframe - Piper - PA-46-500TP

s/n: 4697177

Engine - Pratt &amp; 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		DNA per serial #.	X			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.	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
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

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.	X			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.	X			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.	X			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.		X		Ed Novak A+P 2832024 IA

# Weight / Balance & Equipment List Revision

Page #: 1

NexAir Avionics LLC - N4OR087B

246 SOUTH MEADOW ROAD, GATE 6, HANGAR SW-1

PLYMOUTH, MA 02360 Tel: 508-339-7077

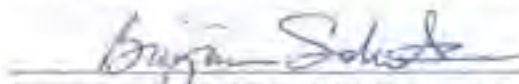
A/C Tail # : N621N  
Register Name : SKEDADDLE AIR CORP  
Name 2 :  
Address 1 : 3 MILLSTONE LN  
Address 2 :  
City, State, PC : LINCOLN, MA 01773-4405

A/C Make : PIPER  
A/C Model : PA46-500TP  
A/C Serial # : 4697177  
WO Ref # : 6294  
WB Date : Jul-23-2020  
WB ID # : 550

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

Model # Serial #	Description Part #	(LB / IN) Weight Previous data ->	CG/Arm	Moment
<b>REMOVED ITEMS</b> -----				
AEROSONIC 276946	AIRSPPEED INDICATOR 25020-1160	-0.50	115.00	-57.50
J.E.T./A.I.M. 504003592525216	ATTITUDE GYRO, STANDBY 5040035925	-1.50	113.00	-169.50
L3HARRIS 1594	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
<b>INSTALLED ITEMS</b> -----				
MIDCONTINENT J1B-10084	STANDBY ATTITUDE MODULE 6420302-1	1.60	114.00	182.40
INSTALLED SUB TOTAL	1 Item @	1.60	114.00	182.40
NEW DATA ->	NEW USEFUL LOAD = 1622.90	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

N621N

Log #1

# AIRCRAFT LOG



# AIRCRAFT DESCRIPTION

Registration No. N62WM N621N

Model: PA-46-500TP Popular Name: MERIDIAN

Serial No.: 4697177 Type Certificate No.: A2550

Colors: WHITE & PLUM MET / HARVEST GOLD MET / GLOSS BLACK

Engine Manufacturer: PRATT & WHITNEY Serial Numbers: Single PCE-RM0187

Original Engine Model: PT6A-42A Left \_\_\_\_\_

Right \_\_\_\_\_

Propeller Manufacturer: HARTZELL Hub or Serial Number: Single HH1919

Original Propeller Model: HC-E4N-3Q Left \_\_\_\_\_

Right \_\_\_\_\_

## Blade Numbers

Left

Right

J99404

J99403

J99402

J99398

**2004 MODEL**

## COMPLIANCE WITH FAA AIRWORTHINESS DIRECTIVES

[illegible]

# 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	Fuel Restrictor Fitting	293.3	2-24-05	SKYTECH INC. CRS LFI R254K
SB 1158	Ace drive Pulley	361.4	5-25-05	SKYTECH INC. CRS LFI R254K
SB 1154	Eng Mount Frsp	473.8	16 Dec 05	SKYTECH INC. CRS LFI R254K
SB 1159	Fuel Check Valve	473.8	16 Dec 05	SKYTECH INC. CRS LFI R254K
SL 1065	Aileon River Frsp	473.8	16 Dec 05	SKYTECH INC. CRS LFI R254K
SL 1097	Flap Belcrank/Rigging	473.8	16 Dec 05	SKYTECH INC. CRS LFI R254K

# AIRCRAFT LOG

Date	Aircraft Time		Recorder Reading	Maintenance
	This Date	Total		
MAR 01 2004	Brought Forward →	4.7		I find that the aircraft meets the requirements for the certification requested and have issued a Standard Airworthiness Certificate.
				Dated <u>MAR 01 2004</u>
				<u>John H. Bentley</u> ODARF-511281-CE <b>JOHN H. BENTLEY</b>
				THE ALTIMETER AND STATIC SYSTEM TEST REQUIRED BY FAR PART 91.411
				HAVE BEEN PERFORMED. THE ALTIMETER(S) HAVE BEEN TESTED TO <u>60,000</u> FT.
				ON <u>5/23/03</u> OR <u>5/9/03</u>
				SIGNED <u>John H. Bentley</u> DATE <u>MAR 01 2004</u> <b>JOHN H. BENTLEY</b>
				The ELT is installed per FAR 91.207. Battery replacement date <u>FEB, 2006</u>
				<u>John H. Bentley</u> <b>JOHN H. BENTLEY</b> ODARF-511281-CE
Total To Carry Forward		4.7		The New Piper Aircraft, Inc.

Registration No. N62WM

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 John H. Bentley JOHN H. BENTLEY

THE NEW PIPER AIRCRAFT, INC.

VERO BEACH, FLORIDA

THE AUTOMATIC PRESSURE ALTITUDE  
REPORTING EQUIPMENT TEST REQUIRED BY  
FAR PART 91.217 HAVE BEEN PERFORMED THIS

DATE 2/5/04 SIGNED John H. Bentley  
JOHN H. BENTLEY

# AIRCRAFT LOG

Date	Aircraft Time		Recorder Reading	Maintenance
	This Date	Total		
MAR 01 2004	Brought Forward →	4.7		
	<p>The stall system computer is adjusted at the factory. Component changes require that the computer settings be checked and adjusted per Piper Process Specification (PPS) 60089-3 The settings for this aircraft are:</p> <div style="display: flex; justify-content: space-around; align-items: flex-start;"> <div style="text-align: center;"> <p><b>STALL WARNING</b></p> <p>FLAPS</p> <p>Full Up 0°</p> <p>10° - 20°</p> <p>Full Down 36°</p> </div> <div style="text-align: center;"> <p>Tipgrams +/- ½</p> <p>TIP GRAMS ACTUAL SETTINGS</p> <div style="margin-top: 20px;"> <p style="font-size: 1.2em;">+3.9</p> <hr style="width: 50%; margin: 2px auto;"/> <p style="font-size: 1.2em;">+4.4</p> <hr style="width: 50%; margin: 2px auto;"/> <p style="font-size: 1.2em;">+1.4</p> <hr style="width: 50%; margin: 2px auto;"/> </div> </div> </div>			
Total To Carry Forward				

Registration No. N62WM

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.

John H. Bentley **JOHN H. BENTLEY**  
ODARF-511281-CE

# AIRCRAFT LOG

Date	Aircraft Time		Recorder Reading	Maintenance
	This Date	Total		
	Brought Forward →			

MAKE: Piper  
 MODEL: PA-46-500TP  
 S/N: 4697179  
 REG. NO: N62WM  
 WORK ORDER: 1561-03-2004

## The New Piper Aircraft, Inc.

2926 Piper Drive  
 Vero Beach, FL 32960

Repair Station No. ZPAR410X

DATE **03/22/04**  
 TTA: 29.7  
 Airframe TT:  
 Landings:  
 HOBBS: 29.7

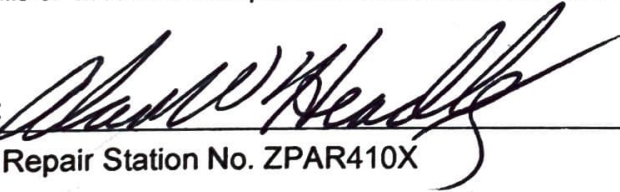
### Airframe Entries

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....

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:



Certified Repair Station No. ZPAR410X

WORK ORDER: 1561-03-2004

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

Total To Carry Forward				

Registration No. \_\_\_\_\_

and Remarks

Signature

Certificate N



## LOG BOOK ENTRY

N62WM  
W/O 22745

Airframe Entry  
Hobbs: 33.6

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

March 26, 2004  
S/N 4697177

1. Installed Lopresti STC SA02279AT IAW instructions LSM-500-012 see FAA form 337 dated 3-26-04 for details.
2. Removed pilots ADHARS p/n 37002-01-01 s/n M012135, installed a repaired unit s/n M006956 ops checked satisfactory.

-----END-----

### 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. 22745 Date: 26 MAR 04

Signed [Signature] for Skytech, Inc., P.O. Box 4942, Baltimore, MD 21220

LF1R294K

# AIRCRAFT LOG

Aircraft Time

Recorder



## LOG BOOK ENTRY

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

May 3, 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.

-----END-----

### 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 3, 2004

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

1. Approving National Aviation  
Authority/Country  
CAA / UNITED KINGDOM

2. **AUTHORISED RELEASE CERTIFICATE**  
**JAA FORM ONE**

3. Form Tracking Number W04204

4. Approved Organisation Name and Address

**MEGGITT AVIONICS**  
AN OPERATING UNIT OF MEGGITT (UK) LTD  
Titchfield Park, Barnes Wallis Road, Fareham, Hants PO15 5TT

5. Work Order / Contract / Invoice

NRC00272 / 752932 / 50227

6. Item	7. Description	8. Part No	9. Eligibility *	10. Qty	11. Serial/Batch No	12. Status / Work
1	ADAHRS	37002-01-01	See Box 13	1	M012705	REPAIRED

13.

Remarks

Specification: DDP-DC 1295 ISSUE 9 MOD 1,2,3,4 PTS 0361 ISSUE 7

T/R No. N10142 Rectified as NR101586

This product is covered by TSO C4c C6d C106. Eligibility is to be determined at time of installation.

TSO statement on reverse.

S-Tec

One S-tec Way

Municipal Airport

Mineral Wells TX

76067-9236 USA

14. Certifies that the items identified above were manufactured in conformity to:

☐ approved design data and are in condition for safe operation

☐ non-approved design data specified in block 13

19. ☒ JAR-145.50 Release 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 JAR 145 and in  
respect to that work the items are considered ready for release to service.

15. Authorised Signature

16. Approval/Authorisation Number  
CAA. G. 02107

20. Authorised Signature

P. Spence

21. Certificate/Approval Ref. No.  
CAA 00078

17. Name

18. Date (d/m/y)

22. Name

P. SPENCE

23. Date (d/m/y)

24/02/04



## LOG BOOK ENTRY

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

N62WM  
W/O 22804

Airframe Entry  
Hobbs: 75.5

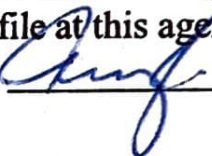
May 11, 2004  
S/N 4697177

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.

-----END-----

### 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

1. Approving National Aviation  
Authority/Country:  
**FAA/UNITED STATES**

**AUTHORIZED RELEASE CERTIFICATE**  
FAA FORM 8130-3, AIRWORTHINESS APPROVAL TAG

3. Form Tracking Number:

**A19027**

4. Organization Name and Address:

**Honeywell International Inc. (PR2R093L)**  
**One Technology Center**  
**23500 West 105th Street**  
**Olathe, Kansas 66061**

5. Work Order/Contract/Invoice Number:

**A19027**

6. Item:	7. Description:	8. Part Number:	9. Eligibility*	10. Quantity:	11. Serial/Batch Number:	12. Status/Work:
<b>1</b>	<b>KMD 540</b>	<b>066-04035-0101</b>	<b>N/A</b>	<b>1</b>	<b>X4468</b>	<b>REPAIRED</b>

13. Remarks:

Repaired per approved OEM documents. Passes final test per 31-60-01.

\* Certifies that the work specified in block 12/13 was carried out in accordance with JAR 145 and with respect to that work the aircraft component is considered ready for release to service under JAA Accepted Certificate Number JAA.4140

Repairman Certificate Number:

**2603576**

Certifies the items identified above were manufactured in conformity to:

- ☐ Approved design data and are in a condition for safe operation
- ☐ Non-approved design data specified in Block 13

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. Authorized Signature:	16. Approval/Authorization No:	20. Authorized Signature: <i>MSF</i>	21. Approval/Certificate No: <b>PR2R093L</b>
17. Name (Typed or Printed):	18. Date (m/d/y):	22. Name (Typed or Printed): <i>MANSOOR G FAY</i>	23. Date (m/d/y): <i>5/12/04</i>

**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 works 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.

\* Installer must cross check eligibility with applicable technical data

NSN:0052-00-012-9005

# AIRCRAFT LOG

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.

-----END-----

### 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 [Signature] for Skytech, Inc., P.O. Box 4942, Baltimore, MD 21220 LF1R294K

1. Approving National Aviation  
Authority/Country

CAA / UNITED KINGDOM

2. **AUTHORISED RELEASE CERTIFICATE  
JAA FORM ONE**

3. Form Tracking Number: 10870

4. Approved Organisation Name and Address

**MEGGITT AVIONICS**  
AN OPERATING UNIT OF MEGGITT (UK) LTD  
Titchfield Park, Barnes Wallis Road, Fareham, Hants PO15 5TT

5. Work Order / Contract / Invoice

NRC00474 / 753369 / 52148

6. Item	7. Description	8. Part No	9. Eligibility *	10. Qty	11. Serial/Batch No	12. Status / Work
001	AIR DATA AND ATTITUDE HEADING REFERENCE SYSTEM	37002-01-01	See box 13	1	M011928  NR102516	Repaired

13. Remarks This product is covered by TSO. Eligibility is to be determined at time of  
Installation.

TSO-C4c-C6d-C106  
DDP-DC1295 Issue 9  
PTS0361 Issue 7  
MOD 1 2 3 4

S-TEC,  
ONE S-TEC WAY,  
MUNICIPAL AIRPORT,  
MINERAL WELLS,  
TEXAS 76067 - 9236,  
USA

14. Certifies that the items identified above were manufactured in conformity to:

- ☐ approved design data and are in condition for safe operation
- ☐ non-approved design data specified in block 13

19. ☒ JAR-145.50 Release 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 JAR 145 and in  
respect to that work the items are considered ready for release to service.

15. Authorised Signature

16. Approval/Authorisation Number  
CAA. G. 02107

20. Authorised Signature

21. Certificate/Approval Ref. No.  
CAA 00078

17. Name

18. Date (d/m/y)

22. Name

23. Date (d/m/y)

JAA Form one - Issue 4

\* Installer must cross-check eligibility with applicable technical data

JASON SMITH.

16/03/04



## LOG BOOK ENTRY

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 reservoir 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

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. 22907 Date: 11, June 04

Signed Jeremy S. [Signature] for Skytech, Inc., P.O. Box 4942, Baltimore, MD 21220 CRS LF1R294K

# AIRCRAFT LOG

Aircraft Time

Recorder



## LOG BOOK ENTRY

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 replaced Yaw Amplifier with new unit p/n 0121-7 s/n 0424-2644A. All operations satisfactory.

-----END-----

### 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. 22955 Date: 7/1/04

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

**LOG BOOK ENTRY**N 62WM  
W/O 23212Airframe Entry  
Hobbs:160.6P.O. Box 4942  
Baltimore, MD 21220  
(410) 574-4144  
CRS #LF1R294KNovember 10, 2004  
S/N 4697177

1. Replaced nlg door actuator with serviceable unit p/n 651-553. Serviced hydraulic fluid using MIL-H-5606, per Piper M/M ch. 12-10-00. Ops checked-Satisfactory

-----END-----

-----  
**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. 23212 Date: 11/10/04

Signed *[Signature]* for Skytech, Inc., P.O. Box 4942, Baltimore, MD 21220 CRS LF1R294K

No.

# AIRCRAFT 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

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.
6. Performed a 1 year EPU capacity check per the BF Goodrich Service Letter SL-120A dated February 18, 1994.
7. Performed a 90 Day/200 hour battery capacity check per the Concorde ICAW MM supplement Rev H.
8. C/W fuselage and wing corrosion inspection
9. Replaced R/H and L/H MLG brake linings with new P/N 066-06200. Conditioned brakes-satisfactory

Tot

Carry Forward





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.

10. 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.
13. 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.

# AIRCRAFT LOG



## LOG BOOK ENTRY

N62WM  
W/O23559

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.
2. Installed a new alternator belt p/n 73965-023.

-----END-----

### 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. 23559 Date: 5/25/05

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

Total  
Carry Forward

Registration No. \_\_\_\_\_

No.



## LOG BOOK ENTRY

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

Aircraft Reg. No. 62W14 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:

L/H Model 37002-01-01 S/N M012483 Tested To 30.000

R/H Model 37002-01-01 S/N M011928 Tested To 30.000

STBY Altimeter 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. 23769 Date: 12-06-03

Signed 

# AIRCRAFT LOG

Aircraft Time

Remarks

Page



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

- 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.

Registration No. \_\_\_\_\_



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

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,

e No.

# AIRCRAFT LOG



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.
- FND -----

### 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 [Signature] 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.

<b>1. Approving National Aviation Authority/Country:</b>  FAA/UNITED STATES		<b>2. AUTHORIZED RELEASE CERTIFICATE</b>  FAA Form 8130-3, AIRWORTHINESS APPROVAL TAG				<b>3. Form Tracking Number:</b>  WRK0069816	
<b>4. Organization Name and Address:</b>		 <b>MID-CONTINENT INSTRUMENT CO., INC</b> 9400 E 34th ST. NORTH WICHITA, KS 67226  FAA CRS OL2R061L				<b>5. Work Order/Contract/Invoice Number:</b>  WRK0069816	
<b>6. Item:</b>	<b>7. Description:</b>	<b>8. Part Number:</b>	<b>9. Eligibility:</b>	<b>10. Quantity:</b>	<b>11. Serial/Batch Number:</b>	<b>12. Status/Work:</b>	
1	ALTIMETER	16450-1147 PS50189-3	N/A	1	170401	REPAIRED	
<b>13. Remarks:</b> <b>THE WORK ORDER REFERENCED DESCRIBES THE ACTUAL WORK PERFORMED.</b> <b>ALL WORK WAS PERFORMED I.A.W MANUAL #                      ATP 1162-1 IFCA B 8/12/2002</b> The work specified in block 12/13 except as otherwise specified was carried out in accordance with EASA Part 145 and in respect to that work the aircraft component is considered ready for release to service under EASA Approval Certificate Number EASA.145.4675.							
<b>14. Certifies the items identified above were manufactured in conformity to:</b>  <input type="checkbox"/> Approved design data and are in condition for safe operation.  <input type="checkbox"/> Non-approved design data specified in Block 13.			<b>19. <input checked="" type="checkbox"/> 14 CFR 43.9 Return to Service    <input checked="" type="checkbox"/> Other regulation specified in Block 13</b>  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.				
<b>15. Authorized Signature:</b>		<b>16. Approval/Authorization No.:</b>		<b>20. Authorized Signature</b> 		<b>21. Approval/Certificate No.:</b>  FAA CRS OL2R061L	
<b>17. Name (Typed or Printed):</b>		<b>18. Date (m/d/y):</b>		<b>22. Name (Typed or Printed):</b>  RANDALL FERGUSON		<b>23. Date (m/d/y):</b>  December 5, 2005	

**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 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 installer/user before the aircraft may be flown.

Registration No. \_\_\_\_\_

Remarks

Signature

Certificate No.



## LOG BOOK ENTRY

N62WM  
W/O 24082

Airframe Entry  
Hobbs: 559.7

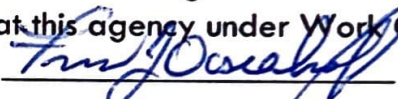
P.O. Box 4942  
Baltimore, MD 21220  
(410) 574-4144  
CRS #LF1R294K  
March 22, 2006  
S/N 4697177

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.

-----END-----

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

# AIRCRAFT LOG



## LOG BOOK ENTRY

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. Removed cracked FIS antenna P/N: FIS10-751, S/N: 0271, and installed new S/N: 1375.
2. Removed two bent seatback clevis pins in pilot and copilot seats. Installed new pins p/n 654-482.

-----END-----

### 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. 23975 Date: 4/26/06  
Signed [Signature] for Skytech, Inc., P.O. Box 4942, Baltimore, MD 21220 CRS LF1R294K

To  
Copy Forward

Registration No. \_\_\_\_\_

and Remarks

Signature

Certificate No.



## LOG BOOK ENTRY

N62WM  
W/O 24147

Airframe Entry  
Hobbs: 587.2

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

May 4, 2006  
S/N 4697177

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

-----END-----

### 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. 24147 Date: May 4, 2006

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

# AIRCRAFT LOG



## LOG BOOK ENTRY

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-----

### 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. 24379 Date: 9/6/06

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

Registration No. \_\_\_\_\_

and



## LOG BOOK ENTRY

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.

-----END-----

### 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. 24390 Date: 15, Sept. 06

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

# AIRCRAFT LOG



## LOG BOOK ENTRY

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

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.

-----END-----

### 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. 24406 Date: 1, Nov. 06  
Signed [Signature] for Skytech, Inc., P.O. Box 4942, Baltimore, MD 21220 CRS LF1R294K



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.
2. 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. Performed 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.

6. 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.
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.
20. 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 08231 and 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. \_\_\_\_\_



## LOG BOOK ENTRY

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.

----- END -----

### 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. 24334. 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.

# AIRCRAFT LOG

Date	Aircraft Time		Recorder Reading	Maintenance
	This Date	Total		

Hill Aircraft & Leasing Corp.

FAA Certified Repair Station ESER686D

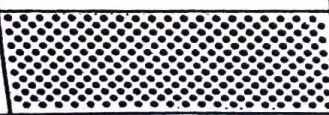
Customer Name: H&M Bay Inc.

Work Order	Reg. No.	Make	Model	Serial	Hobbs	Closed
8297	N62WM	Piper	PA-46-500TP	4697177	835.4	8-3-07

Installed customer supplied alternator belt P.N. 73965-023 and reinstalled air conditioner compressor belt. All Work performed I/A/W the Piper Aircraft PA-46-500TP Malibu Meridian M.M. Chapter 24-30-00. Complied with run-up with no defects noted.

The Aircraft, Airframe, Aircraft Engine, Propeller or Appliance identified above was repaired and inspected in accordance with current regulations of the Federal Aviation Administration and is approved for return to service.

Signed:  for CRS# ESER686D

To Forward				

Registration No. \_\_\_\_\_



## LOG BOOK ENTRY

N62WM  
W/O 25094

Airframe Entry  
Hobbs: 892.1

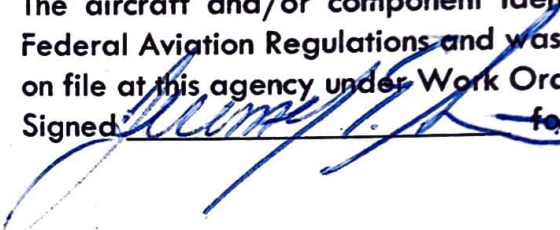
P.O. Box 4942  
Baltimore, MD 21220  
(410) 574-4144  
CRS #LF1R294K

October 30, 2007  
S/N 4697177

1. 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.

-----END-----

### 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. 25094 Date: October 30, 2007  
Signed  for Skytech, Inc., P.O. Box 4942, Baltimore, MD 21220 CRS LF1R294K

# AIRCRAFT LOG



P.O. Box 4942, Baltimore, Maryland 21220

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

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

## ***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.
- 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 No. \_\_\_\_\_



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- 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.

# AIRCRAFT LOG



Experience the Skytech-Advantage

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.



P.O. Box 4942, Baltimore, Maryland 21220

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

- 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.

# AIRCRAFT LOG



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.

Registration No. \_\_\_\_\_



P.O. Box 4942, Baltimore, Maryland 21220  
Phone: (410) 574-4144 / Fax: (410) 780-4439


No.

- 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**

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

CRS# LF1R294K

# AIRCRAFT LOG



Experience the Skytech-Advantage

P.O. Box 4942, Baltimore, Maryland 21220

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

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

- Removed upper VHF comm (no. 1) antenna CI139 s/n 3080684 and installed a new Comant Com/XM antenna p/n CI 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 repair are on file at this agency under **Work Order No: 25017 Date: December 19, 2007**

Signed *Day Johnson* for Skytech, Inc., P.O. Box 4942, Baltimore, MD 21220.

CRS# LF1R294K

Total  
Carry Forward

Registration No. \_\_\_\_\_



P.O. Box 4942, Baltimore, Maryland 21220

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

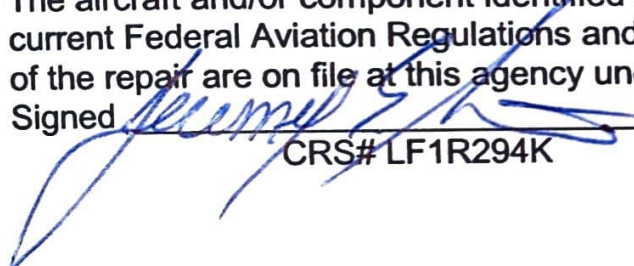
No.

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

- 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 **Work Order No: 25017 Date: December 20, 2007**

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

CRS# LF1R294K

# AIRCRAFT LOG

Aircraft Time		Recorder Reading	Maintenance
This Date	Total		



P.O. Box 4942, Baltimore, Maryland 21220  
 Phone: (410) 574-4144 / Fax: (410) 780-4439

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

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

CRS# LF1R294K

Registration No. \_\_\_\_\_



P.O. Box 4942, Baltimore, Maryland 21220

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

**Airframe Log Entry**

**Date:** January 18, 2008

**W/O:** 25240

**Hobbs:**

**919.3**

**Total Time:**

**919.3**

**Cycles:**

**Registration #:**

**N62WM**

**Make/Model:**

**PA46-500TP**

**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 **Work Order No: 25240 Date: January 18, 2008**

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

CRS# LF1R294K

# AIRCRAFT LOG



P.O. Box 4942, Baltimore, Maryland 21220

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

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

- 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

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: 25249 Date: January 25, 2008**

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

CRS# LF1R294K

Registration No. \_\_\_\_\_

and Remarks



580 Airport Road, Rock Hill, SC 29732

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

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

- 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**

Signed \_\_\_\_\_

CRS# C41R727N

for Skytech, Inc., PO Box 37507, Rock Hill, SC 29732.

# AIRCRAFT LOG



P.O. Box 4942, Baltimore, Maryland 21220

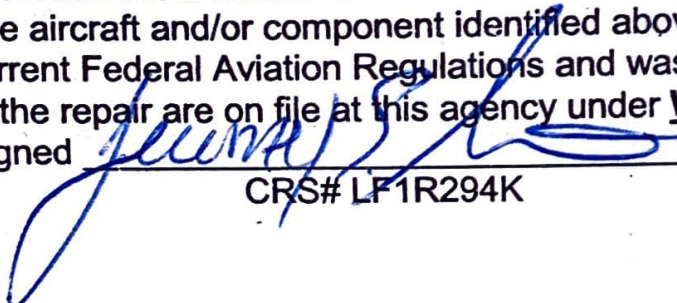
Phone: (410) 574-4144 / Fax: (410) 780-4439

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

- 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/o W50859 cert. BD2R712K. All work done per the Piper PA-46-500TP Malibu/Meridian MM chapter 91-20-30. OPS checked good.
- Performed 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 **Work Order No: 25487 Date: July 15, 2008**

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

CRS# LF1R294K

Registration No. \_\_\_\_\_



P.O. Box 4942, Baltimore, Maryland 21220

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

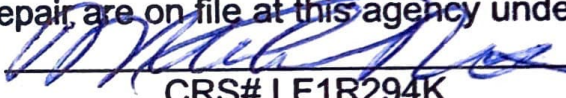
1067.6

<b>Airframe Log Entry</b>	<b>Hobbs:</b>	<del>25550</del>	<b>Registration #:</b>	<b>N62WM</b>
<b>Date:</b> July 24, 2008	<b>Total Time:</b>	-----	<b>Make/Model:</b>	<b>PA-46-500TP</b>
<b>W/O:</b> 25550	<b>Cycles:</b>	-----	<b>S/N:</b>	<b>4697177</b>

- 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 **Work Order No: 25550 Date: July 24, 2008**

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

CRS# 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

# AIRCRAFT LOG

Date

Sussex Aero Maintenance, Inc  
21791 Aviation Ave  
Georgetown, DE 19947

(302) 856-7059 Phone  
(302) 856-4345 Fax  
Date: 7-19-07

Maintenance

N 62WM Aircraft type: PA46- Tach:

Replaced Nose Tire & Tube with  
Michelin 500X58 Ply Tire & 500X5  
Air Stop Tube. Repl. Stem Side  
Wheel bracket race. (Colub O'Paw)  
A-P 2116219

Sussex Aero Maintenance, Inc  
21791 Aviation Ave  
Georgetown, DE 19947

(302) 856-7059 Phone  
(302) 856-4345 Fax  
Date: 9-12-08

N 62WM Aircraft type: PA-46 Tach: 1093.2

Replaced defective Alternator,  
P/N ES4019-1, S/N OFFD 110313  
S/N OIW I071696, Repl. ACT. Drive  
belt & A/c Compressor drive belt.  
Run up & OPS Check OK (Re-Dump) A-P 2116219

Total To  
Carry Forw

Registration No. \_\_\_\_\_



P.O. Box 4942, Baltimore, Maryland 21220

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

Airframe Log Entry		Hobbs:	1154.7	Registration #:	N62WM
Date:	December 18, 2008	Total Time:	1154.7	Make/Model:	PA-46-500TP
W/O:	25532	Cycles:	490	S/N:	4697177

***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.

# AIRCRAFT LOG



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

- 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.

Registration No. \_\_\_\_\_



P.O. Box 4942, Baltimore, Maryland 21220

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

- 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.

# AIRCRAFT LOG



P.O. Box 4942, Baltimore, Maryland 21220

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

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:**

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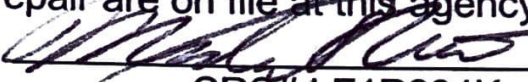
Phone: (410) 574-4144 / Fax: (410) 780-4439

- 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 08231 on 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

# AIRCRAFT LOG



P.O. Box 4942, Baltimore, Maryland 21220

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

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

- 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 **Work Order No: 25883 Date: January 30, 2009**

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

CRS# LF1R294K

Carry Forward

Registration No. \_\_\_\_\_



P.O. Box 4942, Baltimore, Maryland 21220

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

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

- 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 **Work Order No: 25899 Date: February 12, 2009**

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

CRS# LF1R294K

# AIRCRAFT LOG



P.O. Box 4942, Baltimore, Maryland 21220

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

## Airframe Log Entry

Date: April 1, 2009

W/O: 25943

Hobbs: 1222.1

Total Time: 1222.1

Cycles: -----

Registration #: N62WM

Make/Model: PA-46-500TP

S/N: 4697177

- Adjusted hose clamp on L/H wing outboard to middle fuel transfer hose p/n 84013-142. Re-sealed 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

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: 25943 Date: April 1, 2009**

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

CRS# LF1R294K

Registration No. \_\_\_\_\_



P.O. Box 4942, Baltimore, Maryland 21220

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

No. \_\_\_\_\_

**Airframe Log Entry**

Date: May 20, 2009

W/O: 26068

Hobbs:

1252.4

Total Time:

1252.4

Cycles:

544

Registration #:

N62WM

Make/Model:

PA-46-500TP

S/N:

4697177

- 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 **Work Order No: 26068 Date: May 20, 2009**

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

CRS# LF1R294K

# AIRCRAFT LOG

Date	Aircraft Time		Recorder Reading	Maintenance
	This Date	Total		
	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<sup>5</sup>-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

[illegible]

# AVIONICS



WO # 3474

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		1366.2 hrs.

1. 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.
2. 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.
3. 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.
4. 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.
5. 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.
6. See FAA Form 337 this date for details.
7. 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 SERVICE.

PERTINENT DETAILS OF THE REPAIR ARE AT THIS REPAIR STATION UNDER WORK ORDER NO. 3474, DATED 1/06/2010.

SIGNED

John R. Shields

and Remarks

Signature

Certificate No.

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

**N#: N621N**

**Ser. #: 4697177**

**Eng TT: 1366.2**

**Date: 01-07-2010**

**Hobbs: 1366.2**

**ACTT: 1366.2**

Completed Annual insp. per FAR 43, App D using Piper forms for Events 1 & 2 from chapt. 5 of the MM as a guide. Completed 1 yr. test to the stand-by gyro. batt. pack satisfactorily. C/W Piper 50 hr., 200 hr., 400 hr., 600 hr. (eng. fuel filters) 30 day, 90 day, 6 month and 12 month special insps. 5 yr. O2 bottle hydrostatic test completed - bottle reinstalled and filled to 1500 psi. Completed 500 hr. str./gen. brush insp. - installed 4 new brushes in the str/gen. Completed 2000 hr./7yr. fuselage special insp. Completed 5 yr. steel fittings insp. and coating - two new 102846-002 elev. trim rods were installed due to internal corrosion of the removed units. Completed 5 yr. cabin pressurization check and found the cabin leak rate was well below the maximum allowable. Removed existing Artex 110-4 ELT and installed a servicable unit (serial # 64562). C/W FAR 91.207(d) on the ELT and found no defects - ELT battery due date is 04/10. C/W Piper SB 1175A by insp. & noted no cracks at the pilot's vent window cutout. C/W Piper

(Continued)  
→

and Remarks

see 337 this date and 8130-3 form for details. R+R Radar unit (p/n 071-01519-0101, s/n 8053) after repairs at Duncan Aviation - see 8130-3 form attached for details. Removed existing LoPresti NLG BoomBeam components installed 03/26/04 and replaced them with new style LoPresti BoomBeam components per STC SA02279AT - see form 337 this date for details. Replaced the existing N62WM N# placard on the pilot's panel with a new N# placard reading N621N. Installed a new 89630-004 fwd. lower cabin door cable. Installed one new AN4-17 bolt for the seatback hinge point on both crew seats. Calibrated the RH fuel quantity indication system. Reset flap rigging per the maint. manual. Adjusted aileron cable tensions and resafted the turnbuckles. R+R LH aileron otbd. static wick base. R+R RH light bulb in the rudder trim switch. R+R loose rivets as needed on both wing root fairings. Retorqued all six of the horiz. stab. attach bolts per the MM. Installed 28 volt power outlets at the co-pilot's panel (single outlet), the pyramid cabinet behind the co-pilot's seat (dual outlet) and on the front face of the main wing spar cover behind the pilot's seat (triple outlet), added a 7277-2-15 circuit breaker to the co-pilot's C.B panel, routed and secured 18 gage power and ground wires to each of these outlets. I certify that this airframe has been inspected in accordance with an



# PS-17 Passed Inspection / Certificate of Conformity

Model

Serial Number

Part Number

Lot

PMA8060B

W04536

050-890-0202

84

Inspected by: All

N 621N - 1/7/10  
Hobbs 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.

☒ FAA TSO

☐ STC-PMA

☐ Other

☐ None

Signed: Mark Hartsell

Randy Beavers, Greg Ledbetter, or Mark Hartsell  
Quality Control Inspector

PS-17

002-000-0171 Revision 2 July 2006

1. Approving National Aviation Authority/Country <b>FAA/UNITED STATES</b>		<b>2. AUTHORIZED RELEASE CERTIFICATE</b> FAA Form 8130-3, AIRWORTHINESS APPROVAL TAG				3. Form Tracking Number: <b>UK34A0001001001</b>	
4. Organization Name and Address: <b>Duncan Aviation/Lincoln Airport/Lincoln, NE 68524 JGVR194F</b>					5. Work Order/Contract/Invoice Number: <b>UK34A</b>		
6. Item:	7. Description:	8. Part Number:	9. Eligibility: *	10. Quantity:	11. Serial/Batch Number:	12. Status/Work:	
1	ANT/RCVR/XMTR	071-01519-0101	N/A	1	8053	<b>REPAIRED</b>	
13. Remarks: <b>Customer: SHORELINE AVIATION</b>  <b>Discrepancy: Unit received a bird strike. Evaluate and advise.</b>  <b>Preliminary Findings: Bench tested unit and found the flat plate, the bottom cover bent and the ground spring worn out. The unit operates good functionally.</b>  <b>Corrective Actions: Replaced defective components. Subjected unit to environmental variables. Unit function tested per BENDIX ART 2000 Color Weather Radar Antenna/Receiver/Transmitter Maintenance Manual, Revision 3, dated 06/29/2002.</b>  <b>Duncan Aviation certifies that the work specified in Blocks 12 and 13 was performed I.A.W. EASA Implementation Rule part 145 approval, and with respect to that work, the aircraft component is considered ready for release to service under EASA approval number 145.4392.</b>  <b>All EASA/FAA Airworthiness Directives are the responsibility of the installer.</b>  <b>No current U.S. Airworthiness Directives apply.</b>   <b>Technician: JAMES M. VAMOSI</b>  <b>This document constitutes a signed copy of the work order</b>  <b>Approval for return to service</b>  <b>See attached parts list</b>							
14. Certifies the items identified above were manufactured in conformity to: <input type="checkbox"/> Approved design data and are in a condition for safe operation. <input type="checkbox"/> Non-approved design data specified in Block 13.				19. <input checked="" type="checkbox"/> 14 CFR 43.9 Return to Service <input checked="" type="checkbox"/> Other regulations 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. Authorized Signature:		16. Approval Authorization No.:		20. Authorized Signature: <i>Jim Weverka</i> <b>DUNCAN QI 1416</b>		21. Approval/Certificate No.: <b>JGVR194F</b>	
17. Name (Type or Printed):		18. Date (m/d/y):		22. Name (Type or Printed): <b>JIM WEVERKA</b>		23. Date (m/d/y): <b>Dec 15, 2009</b>	
<b>User/Installer Responsibilities</b>							
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 installations 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.			
FAALNK				NSN-0052-00-012-9005			

3. Form Tracking Number:

UK34A0001001001

Parts List

Part Number

Part Description

Serial Number

Quantity

047-09968-0001 A

BOTTOM COVER

1

047-10880-0001

SPRING CLIP

1

071-01549-0100

RCR VERT ANTENNAE

6625

1

120-03174-0014

OP AMP BI GET SO

2

1. Approving National Aviation  
Authority/Country:

FAA/United States

2.

# AUTHORIZED RELEASE CERTIFICATE

FAA Form 8130-3, AIRWORTHINESS APPROVAL TAG

3. Form Tracking Number:

SG 123009

4. Organization Name and Address:

**Saint-Gobain Performance Plastics Corporation**  
335 N. Diamond St.  
Ravenna, Ohio 44266  
Ph: 330-296-9948 Fax: 330-296-7955

FAA Repair Station No. OA1R367K

5. Work Order/Contract/Invoice Number:

Customer Order No: 05248

Saint-Gobain Order No: RV090658

6. Item	7. Description	8. Part Number	9. Eligibility *	10. Quantity	11. Serial/Batch Number	12. Status/Work
1	Radome	4848X-2	N/A	1	707	Overhauled N621N 1/7/10 Hobbs 13662

13. Remarks:

Repair Order Number: RV090658

Radome overhauled in accordance with FAA approved data and on file at Saint-Gobain under the above Repair Order Number.

This certifies that the work specified in Block 12/13 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 number: EASA.145.4706.

CLASS 5 OVERHAUL - MAJOR REPAIR - REFERENCE ATTACHED DAMAGE REPORT AND REPAIR PLAN FOR OVERHAUL DETAILS.  
OVERHAUL COMPLETED PER FAA APPROVED DATA: AD-4848X-2, AND PS-200.

~~14. Certifies the items identified above were manufactured in conformity to:~~

- ~~☐ Approved design data and are in a condition for safe operation.  
☐ Non-approved design data specified in Block 13.~~

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. Authorized Signature:

16. Approval/Authorization No.:

20. Authorized Signature:

21. Approval/Certificate No.:

OA1R367K

17. Name (Typed or Printed)

18. Date (m/d/y):

22. Name (Typed or Printed)

23. Date (m/d/y):

Michelle L. Bodnar

Dec 30, 2009

## User/Installer Responsibilities

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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.

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

# Damage Report & Repair Plan

Saint-Gobain Order #:

**RV090658**

Part No: 4848X-2

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

Serial No.: 707

Description: PIPER MALIBU CL5, NORTON ARMOR, BT

Customer: **SHORELINE AVIATION**

## DAMAGE REPORT:

Insp by: WAB

12/7/2009

## REPAIR PLAN

Previous Repair Order No.:

Repair Inspection ☐ No Repair Sketch ☒ See Repair Sketch

### LAMINATE

QTY

### Damage Location - Description

Delaminations

1

☐ None ☒ Nose ☐ Small  
☒ Outer Skin ☒ Middle ☐ Medium  
☒ Core ☒ Aft ☒ Large  
☒ Inner Skin

Moisture

☒ None ☐ Nose Inside Reading: 2 Min.OvrAll Reading:  
☐ Middle Outside Reading: 2 Max.OvrAll Reading:  
☐ Aft ☐ Anti-Static - Check after strip

Static Burns

☒ None ☐ Nose ☐ Light  
☐ Middle ☐ Moderate  
☐ Aft ☐ Heavy

### COMPONENTS Condition

### Damage Description

Boot

☐ None ☒ Blister  
☐ OK ☐ Holes, Burns  
☒ Damage ☐ Peeling

Paint, Coating

☐ O ☒ Nose ☐ Light Erosion  
☒ Damage ☒ Middle ☒ Moderate Erosion  
☒ Aft ☐ Heavy Erosion

Diversers

☒ None Qty: Type:  
☐ OK ☐ Burns ☐ Erosion Continuity Min: Max:  
☐ Damaged

Frame Assembly

☒ No Frame Description:  
☐ OK  
☐ Damage Loose Hardware (Y/N) ☐ Description:

Other Damage or Comments

ATTACH HOLES ARE ENLARGED

### TRANSMISSION TEST

As Received: 87.7 Avg 85.3 Min.  
Passes Test Standard: RTCA CLASS C IN SERV

Q-001A (4-02)

Approved By

*D. Swanson*

Date **DEC 30 2009**

Note: Unsigned Copies are REFERENCE only - see signed copy for final record

Cust Req Date:

Promise Date:

### WORK TYPE:

Repair - Customer Part

### LAMINATE:

Partial edgeband replacement  
Full Inner Skin Replacement with cutoff  
Cutoff

### MOISTURE:

Remove with Repair

### ACCESSORIES:

Open attach holes after layup

### STRIPPING:

Strip Edgeband

### COATINGS

Antistatic Caapcoat - Norton Armor  
Ship Erosion Boot Loose  
Sand / Fill / Prime

### TRANSMISSION TESTING:

Test After Final Paint

### SPECIAL REQUIREMENTS:

Customer to apply final topcoat & erosion boot.

# SAINT-GOBAIN PERFORMANCE PLASTICS CORPORATION

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

## TRANSMISSION TEST REPORT

CUSTOMER : SHORELINE  
PART NO : 4848X-2  
MODEL : PIPER  
SERIAL NO. : 707  
ORDER NUMBER : 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

Plot#	Elevation Angle	Average Transmission	Minimum Transmission
0	0	90.9%	89.2%

#### SUMMARY TEST DATA

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: Class A

☒ PASSES ☐ FAILS TEST STANDARD: RTCA class B

Tested By [Signature]

Date 12 30 00

COMMENT:

**NORTON**

# 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  
Date : 12/30/09

Part Number : 4848X-2  
Serial Number : 707  
Program Number : 4848

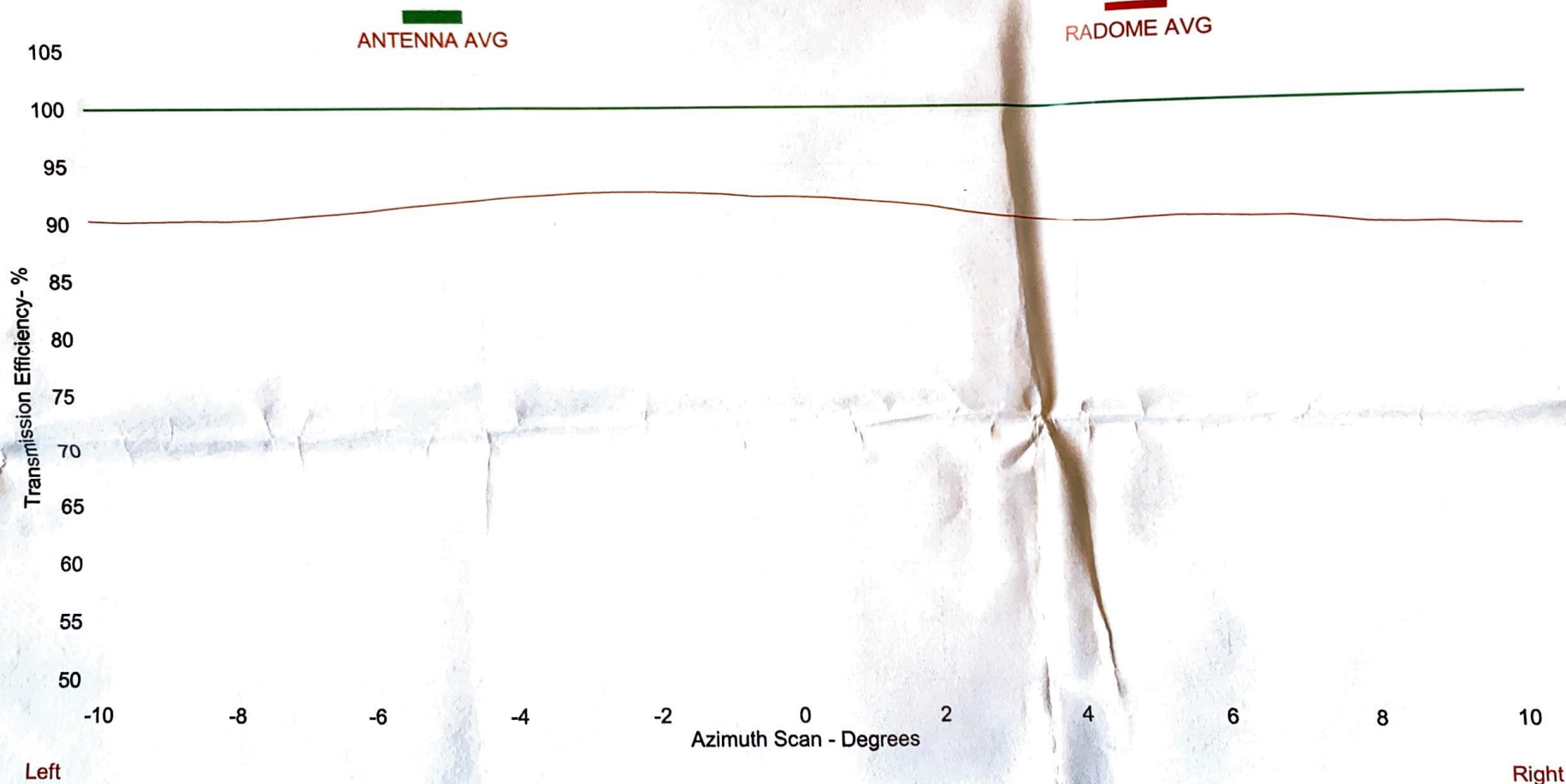
Antenna : 10 INCH FLAT PLATE  
Polarization : HORIZONTAL  
Frequency : 9345 MHz

## Transmission Efficiency Statistics

Average : 90.9% Minimum : 89.2% RMS : 90.9%

## RADOME TRANSMISSION EFFICIENCY TEST PLOT

Elevation: 0 deg.



# PPG

## AIRCRAFT LOG

**FLYING WITH QUALITY**

**INSPECTED BY HAMBRECK**

Recorder  
Reading

Maintenance

S/NB10039H6400  
Forward

DATE 02/22/10 STAMP



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

N#: 621N

Ser. #: 4697177

Eng TT: 1444.3

Date: 05-20-2010

Hobbs: 1444.3

ACTT: 1444.3

C.W. Piper S.B. 1175A part II by installing new pilot side window p/n 601-318 s/n 10039H6400. Replaced o-rings in both main brake calipers and replaced all brake pads p/n RA66-62. Installed new landing light module p/n 102227-007.

  
John E. Sheehan A+P 3439269 IA

To  
y Forward

**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.

1. 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**

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.

1. 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.
2. 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.
3. 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.
4. 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.
5. 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.
6. All units tested to 30,000 ft.
7. Next tests due 2/28/2012.
8. 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

John R. Shields

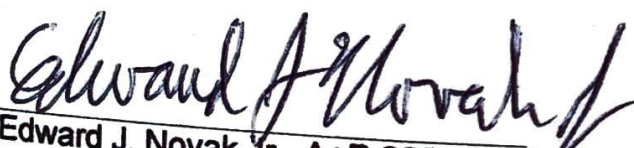
Shoreline Aviation, Inc.  
93 Old Colony Lane  
Marshfield, MA 02050  
781-837-8521

N#: N621N

Date: 07-01-2010 Hobbs: 1457.1

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.

  
Edward J. Novak Jr. A+P 2832024 IA

Signature

Certificate No.

# AIRCRAFT LOG

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

N#: N621N

Date: 09-17-2010 Hobbs: 1501.1

- 1) Installed an O/H mass flow control vavle part # 1300490-21, serial # 160. Function check satisfactory.
- 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 bearings.
- 4) Installed a new 104652-004 LH rear tinted window insert.
- 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.*  
Edward J. Novak Jr. A+P 2832024 IA

Total To  
Carry Forward

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

Eng TT: 1554.8

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., 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 /13. C/W Piper SB 1205 by installing PY heat wiring mod. kit 106798 -002. C/W Piper SB 1218 on the rudder skin - no cracks noted - chkd skin/rivet head gaps per bulletin using Piper tool 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.

Registration No. \_\_\_\_\_

Certificate 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 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 0220-005 now on co-pilot's side. Installed a new #1 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 resafed 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 retorqued the hardware per the MM. R+R two static wicks (otbd. on ea. aileron). R+R the

Over →

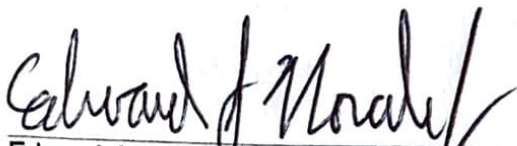
aileron roll servo after adjustments by Vero Beach Avionics - see the attached 8130-3 form for details. Retorqued loose hardware attaching the crew seat backs to the seat bottoms. R+R upper LH instrument panel post light part # 572-615. I certify that this airframe has been inspected in accordance with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


Maintenance

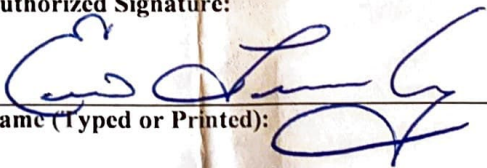
Shoreline Aviation, Inc.  
93 Old Colony Lane  
Marshfield, MA 02050  
781-837-8521

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. Novak Jr. A+P 2832024 IA

  
Edward J. Novak Jr. A+P 2832024 IA

1. Approving National Aviation Authority/Country: <b>FAA/UNITED STATES</b>		2. <b>AUTHORIZED RELEASE CERTIFICATE</b> FAA Form 8130-3, AIRWORTHINESS APPROVAL TAG				3. Form Tracking Number: <b>S34542</b>	
4. Organization Name and Address: <b>ENVIRO SYSTEMS, INC., 12037 N. HWY. 99, SEMINOLE, OK. 74868</b>						5. Work Order/Contract/ Invoice Number: <b>S34542</b>	
6. Item:	7. Description:	8. Part Number:	9. Eligibility:*	10. Quantity:	11. Serial/Batch Number:	12. Status/Work:	
1	<i>Mass</i> FLOW CONTROL VALVE ASSEMBLY	1300490-21	N/A	1 EA	160	OVERHAULED	
13. Remarks: Overhauled in accordance with Enviro Systems, Inc., Technical Design Data.  <i>N621N H0665 1501.1 9/17/10</i>							
Enviro Systems, Inc., certifies that the work specified in Block 12 / 13 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.							
14. Certifies the items identified above were manufactured in conformity to:  <input type="checkbox"/> Approved design data and are in a condition for safe operation. <input type="checkbox"/> Non-approved design data specified in Block 13.				19. <input checked="" type="checkbox"/> 14 CFR 43.9 Return to Service <input checked="" type="checkbox"/> 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. Authorized Signature:		16. Approval/Authorization No.:		20. Authorized Signature: 		21. Approval/Certification No.: <b>BD2R712K</b>	
17. Name (Typed or Printed):		18. Date (m/d/y):		22. Name (Typed or Printed): <b>Eric Lunday</b>		23. Date (m/d/y): <b>Sep 16 2010</b>	
<b>User/Installer Responsibilities</b>							
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**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

**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

**Reason for Removal:** cabin press failed

**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	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 Flow Control Valve

Part Number 1300490-21 Serial No. 160

REMARKS Overhauled in accordance  
with original design data.

Inspection prior to use: NA

Customer Order No. D5510

Work Order No. W74429 TSO No. NA

Date 9-16-10

SERVICEABLE PART TAG

F8:01-02 REV. C

1. Approving National Aviation Authority/Country FAA/UNITED STATES		<b>AUTHORIZED RELEASE CERTIFICATE</b> 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 ATTITUDE HEAD REF SYS	37002-01-02 37002-01-02	N/A	1	M012705 NG2IN #2 ADTHRS 2/1/10 - 1457.1	OVERHAULED	
13. Remarks 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.							
14. Certifies the items identified above were manufactured in conformity to: <input type="checkbox"/> Approved design data and are in condition for safe operation <input type="checkbox"/> Non-approved design data specified in Block 13				19. <input checked="" type="checkbox"/> 14 CFR 43.9 Return to Service <input checked="" type="checkbox"/> Other regulation specified in Block 13 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 Signature		16. Approval/Auth No		20. Authorized Signature		21. Approval/Certificate No NU2R044L	
17. Name (Typed or Printed)		18. Date (m/d/y)		22. Name (Typed or Printed) KIMBERLIN LUDWICK		23. Date (m/d/y) APR/30/2010	
<b>User/Installer Responsibilities</b> 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.							



AIRCRAFT INSTRUMENTS SALES AND SERVICE

**AERO-MACH  
LABS, INC.**7707 E. FUNSTON  
WICHITA, KANSAS 67207  
316-682-7707  
800-221-4678FAX NO. 316-682-3418  
www.aeromach.com**WORK ORDER**F.A.A. NO. NU2R044L  
EASA Approved  
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.:

Close this order to  
inventory location:  
STOCK

Previous W/O:		Qty	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, -30 DEGREE HEADING +-2 DEGREES, 0 PITCH +-0.5 DEGREES, 0 ROLL +-0.5 DEGREES. ARINC OUTPUT READS 995FT, 188KTS, -32.3 DEGREES HEADING, 3 ON SSM MAG HEADING, ROLL IS 1 DEGREES, NORMAL ACCEL, PITCH, ARE OK. ANALOG, PROCESSOR PC BOARDS, AND SENSOR PACK OUT OF CALIBRATION. AFTER REPLACING PARTS LISTED UNIT PASSES ESS AND CMM 34-00-01 REV 6 SPECS.			
By: STEPHEN SHAMASKO			
Work Performed: DISASSEMBLED, CLEANED, INSPECTED AND REPAIRED AS NECESSARY. REASSEMBLED AND FUNCTIONALLY TESTED IN ACCORDANCE WITH MANUFACTURER'S SPECIFICATIONS. OVERHAUL COMPLETE. THIS INSTRUMENT COMPLIES WITH F.A.R. PART 43 APPENDIX E TO 50,000 FEET.			
MEGGITT CMM 34-00-01, REV 6, Apr 2009			
Final Inspection: ALAN LANG By:	Technician.....: STEPHEN SHAMASKO Certified Repairman: Certificate Number.: 334558 Date Completed.....: 4-30-10	Warranty Information - Requested...: None: X AML: _ Mfgr: _ Responsible: Cust: X AML: _ Mfgr: _ Rev: 07/15/03	
		Aircraft No: Repair Type: OVERHAULED	

1. Approving National Aviation Authority/Country: <b>FAA/United States</b>		<b>AUTHORIZED RELEASE CERTIFICATE</b> FAA Form 8130-3, AIRWORTHINESS APPROVAL TAG					3. Form Tracking Number: <b>43236912</b>		
4. Organization Name and Address:		AVIALL LA BATTERY (RD42488M) 8045 WOODLEY AVE VAN NUYS, CA 91406 <div style="text-align: right; font-weight: bold; font-size: 1.2em;">AVIALL</div>					5. Work Order/Contract/Invoice Number: <b>43236912</b>		
6. Item:	7. Description:	8. Part Number:	9. Eligibility: *	10. Quantity:	11. Serial/Batch Number:	12. Status/Work:			
1	EMERGENCY POWER SUPPLY	501-1682-01	N/A	1	1994	REPAIRED			
13. Remarks: Work Order Number 43236912 describing the actual work performed is attached. Technical Reference: JET PS-834A & PS-834B, CMM 24-30-06, TP-475, Rev A, Change 1 SL-120, REV F, 11-30-09									EPS <div style="font-size: 1.5em; transform: rotate(-15deg);">           1862 IN            4/11/11            1596.3         </div>
<b>NOTE: The following statements apply only when this form is used for the purpose of a dual release.</b> 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.									
14. Certifies the items identified above were manufactured in conformity to:  <input type="checkbox"/> Approved design data and are in a condition for safe operation. <input type="checkbox"/> Non-approved design data specified in Block 13				19. <input checked="" type="checkbox"/> 14 CFR 43.9 Return to Service <input type="checkbox"/> 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. Authorized Signature:			16. Approval/Authorization No.:		20. Authorized Signature:		21. Approval/Certificate No.:		
							RD42488M		
17. Name (Typed or Printed):			18. Date (m/d/y):		22. Name (Typed or Printed):		23. Date (m/d/y):		
					DAVE RUDLIFF		MAR-31-2011		
<b>User/Installer Responsibilities</b>									
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.									

Work Order Number

4323 6912



# AVIALL

Product Repair Services

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

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

Technical Information

JET PS-834A & PS-834B,  
CMM 24-30-06, TP-475, Rev A, Change 1  
SL-120, REV F, 11-30-09

Special Instructions

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

**EPS Service Process**

Technician

		Technician
1	Check Customer Paperwork for: PO, Service Instructions, & Air Carrier Statement	SO
2	AD Compliance	SO
3	Preliminary Inspection Findings / Hidden Damage: <i>plastic case holding of three cells has overheat issues.</i>	SO
4	<del>Residual Discharge</del>	SO
5	Charge	SO
6	Capacity Check <del>Tester #:</del>	SO
7	Recharge	SO
8	<del>Function Check</del>	SO
9	<del>Calibrate</del>	SO

**Bill of Material**

Part Number	Description / Lot Number	Quantity
B5271P	cell / 031158936	3

**Work Performed**

*3 cells RAR with factory new due to being shorted.*

Insp. Signature:

Date: 03-31-11

Insp. Name:

DAVE QUIDCAT

## LOGBOOK SUPPLEMENT

Replaced left main tire part# 070-317-0 serial# 0091500540 off, serial# 0287500143 on.  
Replaced left main tube part# 092-315-0.

Model No: PA46-500TP

Registration No: N621N

Serial No: 4697177

Date: May 15, 2011

Hours:     

Landings/Cycles:     

The aircraft/airframe/engine/propeller identified above was repaired and inspected in accordance with current regulations of the Federal Aviation Administration and with respect to the work specified in Work Order 40493 except as otherwise noted is approved for return to service only for the work performed.

Authorized Signature  A&P 3041669 EA  
Jet Aviation, LP. Hangar 113, Teterboro Airport, Teterboro, New Jersey 07608

**LANMAR**  
AVIATION

### AVIONICS

**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.

1. 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

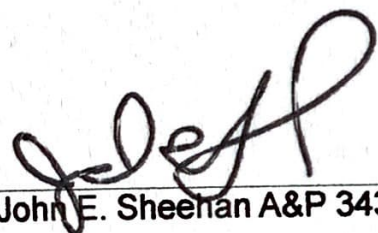
  
John R. Shields

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

Maintenance

N#: 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 repair by S-TEC Corp. CRSFF2R818K. Operational check OK. See FAA form 8130-3 for more info.



John E. Sheehan A&P 3439269 IA

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

N#: N621N Ser. #: 4697177 Eng TT: 1753.2  
Date: 02-04-2012 Hobbs: 1753.2 ACTT: 1753.2

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. C/W Piper SB1230 and found the nose wheel grommet already installed. C/W Piper SL 1130 (ail. quad. lube). C/W Piper SL 1135 on the control

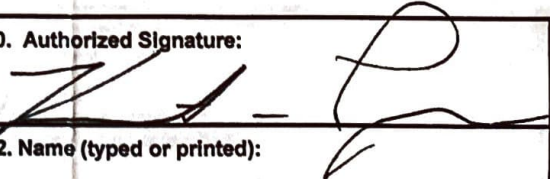
Total To  
Carry Forward

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 # 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 # 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. altimeter 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. Sheehan A+P 3439269 IA

	Signature	Certificate No.

N621N ACT 1697.6 09-09-11

1. Approving National Aviation Authority/Country  FAA / United States		<b>AUTHORIZED RELEASE CERTIFICATE</b> FAA Form 8130-3 AIRWORTHINESS APPROVAL TAG					3. Form Tracking Number:  25062	
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  R000069913	
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. Remarks See attached SRO# <u>R000069913</u> 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 were manufactured in conformity to:  <input type="checkbox"/> Approved design data and are in a condition for safe operation <input type="checkbox"/> Non-approved design data specified in Block 13			19. <input checked="" type="checkbox"/> 14 CFR 43.9 Return to Service <input type="checkbox"/> 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. Authorized Signature:		16. Approval/Certificate No.		20. Authorized Signature:		21. Approval/Certificate No.		
				 Kenny Poynor		FF2R818K		
17. Name (typed or printed):		18. Date (m/d/y)		22. Name (typed or printed):		23. Date (m/d/y)		
						Sep/27/2011		
<b>User / Installer Responsibilities</b>								
<p>It is important to understand that the existence of this document alone does not automatically constitute authority to install the part / component / assembly.</p> <p>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.</p> <p>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.</p>								

1. Approving National Aviation Authority/Country  <b>FAA / United States</b>	2.  <b>AUTHORIZED RELEASE CERTIFICATE</b>  <b>FAA Form 8130-3 AIRWORTHINESS APPROVAL TAG</b>	3. Form Tracking Number:  <b>25160</b>
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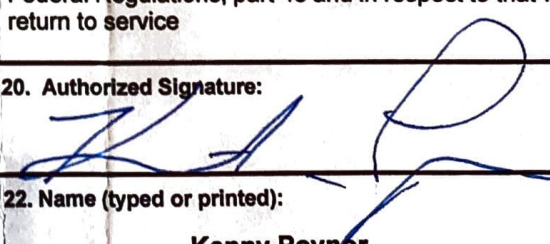
4. Organization Name and Address  <b>S-TEC Corporation, One S-TEC Way, Mineral Wells, TX 76067-9236 (Certificate No. FF2R818K)</b>	5. Work Order / Contract / Invoice Number  <b>R000070017</b>
--	--

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. Remarks

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 were manufactured in conformity to:		19. <input checked="" type="checkbox"/> 14 CFR 43.9 Return to Service <input type="checkbox"/> Other regulation specified in Block 13	
<input type="checkbox"/> Approved design data and are in a condition for safe operation <input type="checkbox"/> Non-approved design data 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. Authorized Signature:	16. Approval/Certificate No.	20. Authorized Signature:	21. Approval/Certificate No.
			<b>FF2R818K</b>
17. Name (typed or printed):	18. Date (m/d/y)	22. Name (typed or printed):	23. Date (m/d/y)
		<b>Kenny Poynor</b>	<b>Oct/10/2011</b>

**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.

CRS FF2R818K

## CUSTOMER:

Columbia Air Services  
175 Tower Avenue  
Groton, CT 06340

[ C000406-0 ]

## CONTACT:

Chris Bergman  
Tel: 860-449-1400 x 182  
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

SRO#: R000070017

Line #: 1

Incident No: I000022499

Start Date: 10/05/2011

## AIRCRAFT DATA:

Registration: **N621N**  
Year:  
Make: PIPER  
Model: PA-46-500TP  
S/N: 4697177

AUTOPILOT:

Install Date:

Heading System:

STOL System:

Voltage: 28V

Hobbs/Tach - Install:

Current:

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

**Return Reason** Perform - Suspect component Trim failure; blew F2 fuse.

**Component Data:**  
P/N: 01304-01-01-001.  
S/N: 0348-262

**CMM:**  
P/N: 87133  
Rev Status: B

## REPAIR STATION ACTIONS

Repair Time

Preliminary Inspection

Inspector: P000010047- Tina Kidwell

No obvious defects noted.

0.00

Hidden Damage Inspection

Inspector: P000010047- Tina Kidwell

N/A

0.00

Work Performed:

NFF Not able to duplicate the original complaint. Replaced the Analog/Power PCBA because of the history of the unit. The analog/power PCBA is the most probable cause. The added repair station label will not affect the form, fit, or functionality of the unit.

0.00

Checked per Manufacturer Specifications

Approved for return to service.

0.00

0.00

Total Repair Time 0.00

Labor Charge

Technician:

P000000750- Doug Dewey  
P000000750- Doug Dewey

Final Inspection:

P000000164- Kenny Poyner

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.

Remarks:

TERMS: STRICTLY CASH without prior arrangements

8633 Rev O

Warr.  
Repaired Unit

Qty	Part#	Description	Sale Amt
2.00	01304-01-01-001	DECS	0.00
2.00	20S1020222KIT	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
Total Parts:			0.00
Total Labor:			0.00
Tax:			0.00
Total Amount:			0.00

1. Approving National Aviation  
Authority/Country

FAA / United States

2.

# AUTHORIZED RELEASE CERTIFICATE

FAA Form 8130-3 AIRWORTHINESS APPROVAL TAG

3. Form Tracking Number:

25835

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

R000070734

6. Item	7. Description	8. Part Number	9. Eligibility	10. Quantity	11. Serial Number	12. Status/Work
1	NAVIGATION DISPLAY UNIT,	84-134-6	N/A	1	0346-005 2/4/12 621N	REPAIRED

## 13. Remarks

See attached SRO# R000070734 For work performed and parts used.

*Co-Pilot's lower  
nav. display*

The work specified has been accomplished in accordance with S-TEC Component Maintenance Manual number 87179, Revision B, Dated 08/16/2011.

14. Certifies the items identified above were manufactured in conformity to:

- ☐ Approved design data and are in a condition for safe operation  
☐ Non-approved design data specified in Block 13

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. 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):

23. Date (m/d/y)

Kenny Poynor

Jan/25/2012

## 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.

1. Approving National Aviation Authority/Country:  <b>FAA/United States</b>		2. <b>AUTHORIZED RELEASE CERTIFICATE</b> <b>FAA Form 8130-3, AIRWORTHINESS APPROVAL TAG</b>				3. Form Tracking Number:  <div style="font-size: 1.5em;">12-926197</div>	
4. Organization Name and Address: <div style="text-align: center;">             L-3 Communications Avionics Systems, Inc.              Repair Station Certificate No. NN2R037L              5353-52<sup>nd</sup> Street S.E.              Grand Rapids, Michigan 49512-9704           </div>						5. Work Order/Contract/Invoice No.  <div style="font-size: 1.5em;">926197</div>	
6. Item:	7. Description:	8. Part Number:	9. Eligibility:*	10. Quantity:	11. Serial/Batch Number:	12. Status/ Work:	
1	PS-834A	501-1682-01	N/A	1	1994	REPAIRED	
13. Remarks: <b>RETURN TO SERVICE</b>  Unit complies with pertinent Airworthiness Directives and Service Bulletins.  Unit was inspected, tested, and meets all specification requirements of Spec. No. <u>508-2065</u> Rev. <u>N</u> Work completed on <u>2-1-2012</u> by <u>T. Vodry</u> Rev Date. <u>JAN/13/2005</u> For work details see Service Work Report # <u>926197</u>  <div style="float: right; text-align: right;"> <div style="font-size: 1.2em;">2/4/12</div> <div style="font-size: 1.2em;">621N</div> </div> <div style="clear: both;"></div>							
14. Certifies that the items identified above were manufactured in conformity to:  <input type="checkbox"/> Approved design data and are in a condition for safe operation. <input type="checkbox"/> Non-approved design data specified in Block 13.				19. <input checked="" type="checkbox"/> 14 CFR 43.9 Return to Service <input checked="" type="checkbox"/> 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. Authorized Signature:		16. Approval/Authorization No.:		20. Authorized Signature:		21. Approval/Certificate No.:	
				<div style="font-size: 1.2em;">Thomas J. Vodry</div>		<div style="font-size: 1.2em;">NN2R037L</div>	
17. Name (Typed or printed):		18. Date (m/d/y):		22. Name (Typed or Printed):		23. Date (m/d/y):	
				<div style="font-size: 1.2em;">Thomas J. Vodry</div>		<div style="font-size: 1.2em;">FEB/01/2012</div>	
<b>User/Installer Responsibilities</b> 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.							

# AIRCRAFT LOG



WO # 4631

## AVIONICS

145 TOWER AVENUE  
FAA Approved Repair Station # L4AR428X

GROTON NEW LONDON AIRPORT

GROTON, CT 06340

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

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

1. 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.
2. 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.
3. 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.
4. 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.
5. 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.
6. 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.
7. All units tested to 30,000 ft.
8. Next tests due 3/31/2014.

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

# Shoreline AVIATION

Shoreline Aviation, Inc.

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

2/1/2013

N621N

PA46-500TP, serial # 4697177

Airframe Log

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.

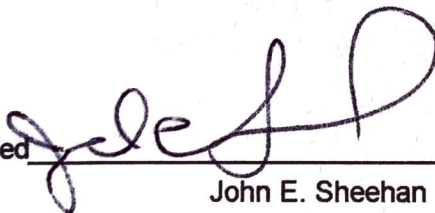
- 1) Complied with FAR 91.207(d) on the ELT and noted no defects. Next due 01/14. Installed a new 452-0130 ELT battery - new due date is 03/15.
- 2) C/W Piper 30 day, 90 day, 4 month, 6 month, 1 year special inspections.
- 3) Completed main battery capacity check - battery passed the 51 minute test in 54 minutes after the battery received a "conditioning charge".
- 4) Completed the standby gyro. Battery pack capacity check - unit passed.
- 5) R+R starter/generator (part # 200SGL145Q, serial # 4951) after overhaul 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 resafted 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.

- 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 discharge 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

Signed



John E. Sheehan A+P 3439269 IA

1. Approving National Aviation Authority/Country: <b>FAA/USA</b>		<b>AUTHORIZED RELEASE CERTIFICATE</b> <b>FAA Form 8130-3, AIRWORTHINESS APPROVAL TAG</b>			3. Form Tracking Number:  <b>062352</b>	
4. Organization Name and Address: <b>NAASCO NORTHEAST CORP. 222 GRAND AVENUE BROOKHAVEN AIRPORT SHIRLEY, NY 11967</b>		Repair Station: <b>FD1R135K</b>			5. Work Order/Contract/Invoice Number:  <b>062352</b>	

6. Item:	7. Description:	8. Part Number:	9. Eligibility: *	10. Quantity:	11. Serial/Batch Number:	12. Status/Work:
<b>1</b>	<b>STARTER GENERATOR</b>	<b>200SGL145Q</b>	<b>N/A</b>	<b>1 EA</b>	<b>4951</b>	<b>OVERHAULED</b>

13. Remarks: In accordance with manual No. TM105A Revision: 10 Revision Date: FEB 28 2012  
 062352 WORK ORDER DESCRIBING THE ACTUAL WORK PERFORMED IS ATTACHED. THE PRESCRIBED WORK WAS PERFORMED I.A.W. FAA APPROVED MFG DATA AND/OR FAA APPROVED NAASCO DATA.

62-1N  
Hobbs 1927.3

TSO: 00:00

Certifies work specified in Blocks 12/13 was carried out in accordance with EASA part 145, and with respect to that work, the component is considered ready for release to service under EASA part 145 Approval Number EASA 145-145.4687.

14. Certifies the items identified above were manufactured in conformity to:  <input type="checkbox"/> Approved design data and are in a condition for safe operation. <input type="checkbox"/> Non-approved design data specified in Block 13.		19. <input checked="" type="checkbox"/> 14 CFR 43.9 Return to Service <input checked="" type="checkbox"/> Other regulations 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. Authorized Signature:	16. Approval/Authorization No.:	20. Authorized Signature:	21. Approval/Certificate No.:
		<b>JAMES T. LESLIE II</b>	<b>FD1R135K</b>
17. Name (Type or Printed):	18. Date (m d y):	22. Name (Typed or Printed):	23. Date (m d y):
			<b>Jan 16 2013</b>

### 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.

NAASCO

## NAASCO NORTHEAST CORP.

222 GRAND AVENUE

EIN# 11-2697043

NAASCO NORTHEAST CORP.

BROOKHAVEN AIRPORT  
Tel: 631-399-2244SHIRLEY NY 11967  
Toll Free: 800-872-9903naasco@naasco.com  
www.naasco.com  
Fax: 631-399-2275FORM 1010 - WORK ORDER INSPECTION REPORT Page 1 of 1

Status/Work : OVERHAUL  
 Comp. Varified : YES  
 S.B. Inc. : N/A  
 8130 Release : YES  
 NSN :  
 Hidden Damage : NO  
 TSN : UNK  
 TSO : 1018:0  
 Delivery :  
 Misc :

W/O No.

  
 062352

P/N

  
 200SGL145Q

S/N

  
 4951

For Customer : SHORELINE AVIATION, INC.  
 S.O. No. : 981749268 Line No. : 1

Cust P.O. : 06421	P/N : 200SGL145Q	DOS S/N :
Our Ref :	Desc : STARTER GENERATOR	SOURCE : SHORELINE AVIATION
Your Ref :	S/N : 4951	Ref Note :
Quote Date :	MFG : AIRCRAFT PARTS CORP.	Manual : TM105A
Contract :	Qty : 1 Cond As: OH	Revision : 10 / Feb-28-2012
Completed P/N : 200SGL145Q	S/N As : 4951	Into Bin Loc : WIP
Company : 1	Division :	Department :
Order Date : Jan-14-2013	Received Date : Jan-14-2013	Due Date : Print Date : Jan-16-2013

## Overhaul WORK ORDER No. 062352

Manuals	Description	Manual Date	Revision No.	Revision Date	Current	Until
TM105A	STARTER GENERATOR	Feb-28-2012	10	Feb-28-2012	<input checked="" type="checkbox"/>	Feb-05-2013

Reason Returned

OVERHAUL

Receiving Remarks

QUICK TURN DUE BACK BY 1/18

Shop Findings

UNIT FOUND WITH BRUSHES WORN, COMMUTATOR GROOVED, (COVER SEEMS TO BE PREVIOUSLY REPAIRED). CARBON CONTAMINATION THROUGH OVERHAUL. REPLACED ALL REQUIRED PARTS. INCORPORATED NAASCO "ETR-20" STARTER GENERATOR IMPROVEMENTS. REFACED & UNDERCUT COMMUTATOR. CLEANED, INSPECTED, REFINISHED & TESTED IAW MFG SPECS.

COMMUTATOR DATA

BRUSH WEAR: 90%

ORIGINAL SIZE: 2.135

BRUSH TRACK SIZE: 2.125

REFACED SIZE: 2.118

NEW SIZE: N/A

TECH: J.S.

DATE: 1/14/13

QUALITY CONTROL APPROVAL/FINAL INSPECTION DATE: 1/16/13

OVERHAULED ☒ REPAIRED ☐ FUNCTIONALLY TESTED ☐ MODIFIED ☐ INSPECTED ☐AUTHORIZED SIGNATURE: 

Authorized Signature: \_\_\_\_\_

Name: \_\_\_\_\_

Date: \_\_\_\_\_

Shoreline  
AVIATION



Shoreline Aviation, Inc.

Marshfield Municipal Airport  
George Harlow Field (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 IA

**Shoreline  
AVIATION**

Shoreline Aviation, Inc.

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

10/30/2013

N621N

PA46-500TP, serial # 4697177

**Aircraft Logbook**

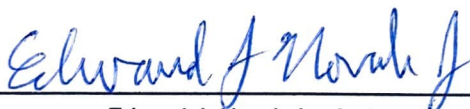
Hobbs Hours: 2025.1

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 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 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#: 1977

# Shoreline AVIATION

Shoreline Aviation, Inc.

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

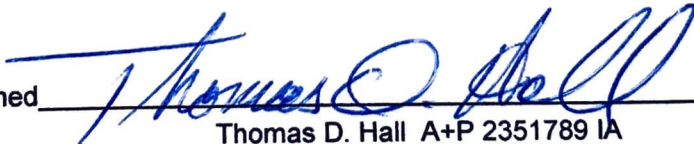
Completed annual inspection in accordance with FAR 43, app. D using Piper forms for Events #1 & #2 from the maint. manual as a guide.

- 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 control 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 megohmmeter test with new units.

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

Signed



Thomas D. Hall A+P 2351789 IA

# NEXAIR AVIONICS

N621N

PILOT Display

## 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	
Barometric InHg: 29.92		Test Date: 2/21/14	

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

# NEXAIR AVIONICS

N621N

SB

## Altimeter Correction Card

Altimeter:		SN:	
ALT	Error	ALT	Error
-1000	0	14000	0
0	-10	16000	0
500	-10	18000	-40
1000	-10	20000	-20
1500	-20	22000	-40
2000	-20	25000	-40
3000	0	30000	-20
4000	0	35000	
6000	0	40000	
8000	0	45000	
10000	-10	50000	
12000	0	55000	
Barometric InHg: 29.92		Test Date: 2/21/14	

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

# NEXAIR AVIONICS

N621N

COPILOT

## Altimeter Correction Card

Altimeter:		SN:	
ALT	Error	ALT	Error
-1000	-25	14000	15
0	15	16000	15
500	15	18000	15
1000	15	20000	15
1500	15	22000	15
2000	15	25000	15
3000	15	30000	20
4000	15	35000	15
6000	15	40000	15
8000	15	45000	
10000	15	50000	
12000	15	55000	
Barometric InHg:		Test Date:	

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

# Shoreline AVIATION



Shoreline Aviation, Inc.

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

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 aileron 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 replacement 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 resafted 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.

Signed

Edward J. Novak Jr. A+P 2832024 IA

Shoreline  
**AVIATION**



Shoreline Aviation, Inc.

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

**6/5/2016**

**N621N**

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

**Aircraft Logbook**

Hobbs Hours: 2162.3

R+R air conditioning blower "HI" control module 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  
AVIATION

Shoreline Aviation, Inc.

Marshfield Municipal Airport  
George Harlow Field (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 Vacuum 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. Sheehan 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: 0115-0106

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

Authorized Signature:

#SR20090002

COREY NIELSEN

Title: SALES REP

**MTW** Aerospace, Inc.  
Montgomery, Alabama

**P126156**  
**3708 C-21**

**N  
9  
6  
1  
J  
M**

Part Description

**FUEL FLOW TRANSMITTER**

Part Number  
**601-217**

Serial Number  
**0115-0106**

TSN  
**328.9**

TSO  
**N/A**

CSN  
**323**

CSO  
**N/A**

Reason For Removal

**RESALE**

Aircraft: **PA-46-500TP**  
Number: **46-97122**

A.C.T.T.  
**328.90**

A.C.T.C.  
**323**

Position

Date  
**8/18/2003**

Inspector

*Hoyt Fox*

License Number

**AP421786996**

☐

New

☐

Overhauled

☐

Repaired

☐

Time Continued

Installation

Aircraft

Date

Position

T.A.T.

Mechanic



SIGNATURE  
**TECHNICAIR**

Aircraft Maintenance

BBA Aviation

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

*Kelvin Wiebe*

Reg: *N621N*

Date: *01/18/16*

TTSN: *2228.3*

TACH: *N/A*

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 *35,000* ft.

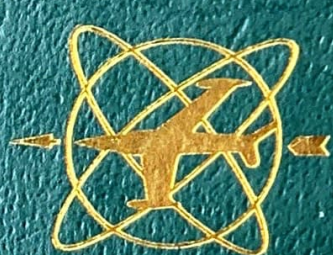
The ATC Transponder has been tested and found to be in compliance with FAR 43, Appendix F, as required by FAR 91.413

NEXAIR  
AVIONICS

NEXAIR AVIONICS CRS: N4OR087B WO: *3060*

*END of Log #1*

NG21N  
Log #2



*The Standard*  
**AIRCRAFT LOG**

**ASA-SA-2**

# Aircraft Record General Information

Manufacturer Piper Model PA46-500TP  
Serial 4697177 Registration Number N621N  
Date of Manufacture \_\_\_\_\_

## Engine(s) currently installed:

Manufacturer PTW Model PT6A-42A Serial PCE-RM0187

Manufacturer \_\_\_\_\_ Model \_\_\_\_\_ Serial \_\_\_\_\_

## Propeller(s) currently installed:

Manufacturer Hartzell Model HC-E4N-3Q

HUB Model \_\_\_\_\_ Serial HH1919 Serial \_\_\_\_\_

Wade Model \_\_\_\_\_ Serial \_\_\_\_\_ Serial \_\_\_\_\_ Serial \_\_\_\_\_

Wade Model \_\_\_\_\_ Serial \_\_\_\_\_ Serial \_\_\_\_\_ Serial \_\_\_\_\_

Re

Shoreline  
AVIATION

Shoreline Aviation, Inc.

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

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**Aircraft Logbook**

1/27/2016 N621N PA46-500TP, serial # 4697177

Hobbs Hours: 2227.9 :: Aircraft TT: 2227.9 :: #1 Engine TT: 2227.9 :: Prop. TT: 2227.9 :: Prop. TSMOH: 299.6

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 01/17. Installed a new 452-0130 battery - new due date is 09/18.

2) C/W the following Piper recommended special inspection items: 30 day, 90 day, 300 hr. 6 month, 1 year, main battery capacity check, stby gyro battery capacity check and Piper Service Letters 1131 & 1135.

3) C/W 500 hr. Main gear bolt check and noted no defects.

4) C/W Piper Service Bulletin 1267A (Empennage Rivets) - added two rivets to each side per figure 4 - no further action is required.

5) C/W Piper Service Bulletin 1271 (Wing Spar/Rivets Insp.) and noted no defects.

6) C/W Piper Service Bulletin 1275 (Nose Gear Decal) by installing a new 100700-125 placard on the nose gear.

7) C/W Piper Service Bulletin 1280 (Cabin Fire Extinguisher) by installing a new H3R part # A344T cabin fire fire extinguisher.

8) C/W Piper Service Letter 1189B (GCU Reverse Current) and noted no defects - color coded electrical connectors below the co-pilot's floor area.

9) R+R co-pilot's seatback recline hydrolok cylinder with and overhauled unit (part # LL100200-01, serial # 71732).

10) Adjusted elevator trim indication needle to agree with the elevator trim tab actual position.

11) R+R flap position indicator with a used/serviceable unit - adjusted linear flap position potentiometer so that the indicated flap position agrees with the actual flap positions.

— Page -1- of -2- Pages — Date: 1/27/2016 — Aircraft #: N621N — Aircraft Logbook —

From \_\_\_\_\_ To \_\_\_\_\_

Address \_\_\_\_\_

From \_\_\_\_\_ To \_\_\_\_\_

- 12) R+R avionics cooling blower motor assembly with a new unit (Piper part # 460-113).
- 13) Sanded and repainted the upper surface of the LH horizontal Stab.
- 14) R+R nose gear steering adjustment link (part # 83308-002) with a new unit and set the nose gear steering clearance to maintenance manual settings
- 15) R+R nose gear taxi light lens with a new unit from LoPresti (part # LSM500-335-15)
- 16) R+R both wing tip landing light lenses with new units from Plastech (kit part # PL100-056).
- 17) R+R loose wing root fairing rivets on the underside of both wings with new rivets where necessary.
- 18) Resealed both main struts using new 485-082 seals and MS28775-227 o-rings - service all three struts with 5606 hydraulic oil and nitrogen to maintenance manual settings.
- 19) Fabricated a new RH MLG extend hose using new Stratoflex 111-4 hose and reusing the existing end fittings. Fabricated a new hydraulic power pack hose using new Stratoflex 111-5 hose and reusing the existing fittings. Leak check both hoses OK.
- 20) R+R both RH main gear door hinge halves with new ones (part # 83721-003) and hinge pins (part # 83721-004). Hinge halves attached to the wing were NOT changed.
- 21) R+R LH fuel cap lanyard with a new unit (part # 472-059).
- 22) R+R both brake discs with new units (part # RA164-07800) and all brake pads with new units (part # 062-06200).
- 23) R+R nose tire with a new GYFSII 5.00x5 10pr tire.

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

Signed



Edward J. Novak Jr. A+P 2832024 IA

1. Approving Civil Aviation Authority/Country: FAA/UNITED STATES		2. <b>AUTHORIZED RELEASE CERTIFICATE</b> FAA Form 8130-3, AIRWORTHINESS APPROVAL TAG			3. Form Tracking Number: 07600	
4. Organization Name and Address: Aviation Fabricators 805 N. 4th St. Clinton, MO 64735				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	
12. Remarks: All work performed in accordance with CMM 25-21-01, Rev. 7.  N621N 1/27/16 Co-Pilot's Seat						
13a. Certifies the items identified above were manufactured in conformity to:  <input type="checkbox"/> Approved design data and are in condition for safe operation. <input type="checkbox"/> Non-approved design data specified in Block 12.			14a. <input checked="" type="checkbox"/> 14 CFR 43.9 Return to Service <input type="checkbox"/> 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.			
13b. Authorized Signature:		13c. Approval/Authorization No.:		14b. Authorized Signature: <i>Michael V. Lewis</i>		
13d. Name (Typed or Printed):		13e. Date (dd/mm/yyyy):		14c. Approval/Certificate GVRR304K		
				14d. Name (Typed or Printed): Michael V. Lewis		
				14e. Date (dd/mm/yyyy): 20 JAN 2016		
<b>User/Installer Responsibilities</b>						
<p>It is important to understand that the existence of this document alone does not automatically constitute authority to install the aircraft engine/propeller/article.</p> <p>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.</p> <p>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.</p>						

wo:3060

NEXAIR  
AVIONICS

N621N

Altimeter Correction Card			
Altimeter: <u>Stady</u>		SN: <u>N/A</u>	
ALT	Error	ALT	Error
-1000	-20	14000	-25
0	-20	16000	-30
500	-20	18000	-30
1000	-20	20000	-45
1500	-20	22000	-45
2000	-20	25000	-60
3000	-20	30000	-65
4000	-20	35000	-65
6000	-20	40000	N/A
8000	-20	45000	
10000	-20	50000	
12000	-20	55000	
Barometric InHg: <u>29.92</u>		Test Date: <u>01/18/16</u>	
Tested By: <u>DM</u>		CRS N4OR087B	
Mansfield Airport 265 Fruit St Mansfield MA 02048			

wo:3060

NEXAIR  
AVIONICS

N621N

Altimeter Correction Card			
Altimeter: <u>P Magic</u>		SN: <u>N/A</u>	
ALT	Error	ALT	Error
-1000	-10	14000	-20
0	-10	16000	-25
500	-10	18000	-25
1000	-10	20000	-30
1500	-10	22000	-30
2000	-10	25000	-40
3000	-15	30000	-40
4000	-20	35000	-50
6000	-20	40000	N/A
8000	-20	45000	
10000	-20	50000	
12000	-20	55000	
Barometric InHg: <u>29.92</u>		Test Date: <u>01/18/16</u>	
Tested By: <u>DM</u>		CRS N4OR087B	
Mansfield Airport 265 Fruit St Mansfield MA 02048			

wo:3060

NEXAIR  
AVIONICS

N621N

Altimeter Correction Card			
Altimeter: <u>Co Pilot Mag</u>		SN: <u>N/A</u>	
ALT	Error	ALT	Error
-1000	+10	14000	+10
0	+10	16000	+10
500	+10	18000	+10
1000	+10	20000	+10
1500	+10	22000	+10
2000	+10	25000	+10
3000	+10	30000	+10
4000	+10	35000	+10
6000	+10	40000	
8000	+10	45000	
10000	+10	50000	
12000	+10	55000	
Barometric InHg: <u>29.92</u>		Test Date: <u>01/18/16</u>	
Tested By: <u>DM</u>		CRS N4OR087B	
Mansfield Airport 265 Fruit St Mansfield MA 02048			

AR TE	TOTAL TIME IN SERVICE	Current Weight and Balance Information			
		Empty Weight	Empty CG	Useful Load	Remarks

Shoreline  
AVIATION



Shoreline Aviation, Inc.

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

5/31/2016

N621N

PA46-500TP s/n 4697177

Aircraft Logbook

Hobbs Hours: 2265.3 :: Aircraft TT: 2265.3

- 1) Installed inspected Mass flow controller p/n 1300360-26 s/n 577. See FAA form 8130-3 for more info.
- 2) Installed inspected Flow sensor assy. p/n 1300464-12 s/n 498. See FAA form 8130-3 for more info.
- 3) Functional 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

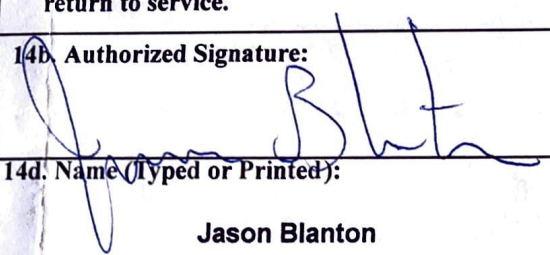
John E. Sheehan A+P 3439269 IA

05-31-10  
N6021N ACT 2265.3

1. Approving Civil Aviation Authority/Country: <b>FAA/UNITED STATES</b>		2. <b>AUTHORIZED RELEASE CERTIFICATE</b> FAA Form 8130-3, AIRWORTHINESS APPROVAL TAG			3. Form Tracking Number: <b>WW142022</b>	
4. Organization Name and Address: <b>ENVIRO SYSTEMS, INC., 12037 N. HWY. 99, SEMINOLE, OK. 74868 (BD2R712K)</b>					5. Work Order/Contract/ Invoice Number: <b>WW142022</b>	
6. Item:	7. Description:	8. Part Number:	9. Quantity:	10. Serial Number:	11. Status/Work:	
<b>1</b>	<b>MASS FLOW CONTROLLER</b>	<b>1300360-26</b>	<b>1 EA</b>	<b>577</b>	<b>INSPECTED</b>	

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.

13a. Certifies the items identified above were manufactured in conformity to:  <input type="checkbox"/> Approved design data and are in a condition for safe operation. <input type="checkbox"/> Non-approved design data specified in Block 12.		14a. <input checked="" type="checkbox"/> 14 CFR 43.9 Return to Service <input checked="" type="checkbox"/> 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.	
13b. Authorized Signature:	13c. Approval/Authorization No.:	14b. Authorized Signature: 	14c. Approval/Certification No.: <b>BD2R712K</b>
13d. Name (Typed or Printed):	13e. Date (dd/mm/yyyy):	14d. Name (Typed or Printed): <b>Jason Blanton</b>	14e. Date (dd/mm/yyyy): <b>09/Dec/2015</b>

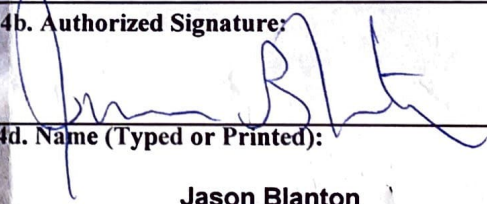
**User/Installer Responsibilities**

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

05-31-10  
N021N ACT 2265.3

1. Approving Civil Aviation Authority/Country: <b>FAA/UNITED STATES</b>		2. <b>AUTHORIZED RELEASE CERTIFICATE</b> FAA Form 8130-3, AIRWORTHINESS APPROVAL TAG				3. Form Tracking Number: <b>WW129904</b>	
4. Organization Name and Address: <b>ENVIRO SYSTEMS, INC., 12037 N. HWY. 99, SEMINOLE, OK. 74868 (BD2R712K)</b>						5. Work Order/Contract/ Invoice Number: <b>WW129904</b>	
6. Item:	7. Description:	8. Part Number:	9. Quantity:	10. Serial Number:	11. Status/Work:		
1	FLOW SENSOR ASSY	1300464-12	1 EA	498	INSPECTED		
12. Remarks: Customer Part ID: 686-218 Inspected in accordance with Enviro Systems, Inc., Technical Design Data for the part noted in Block 8, Revision Letter B  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.							
13a. Certifies the items identified above were manufactured in conformity to:  <input type="checkbox"/> Approved design data and are in a condition for safe operation. <input type="checkbox"/> Non-approved design data specified in Block 12.				14a. <input checked="" type="checkbox"/> 14 CFR 43.9 Return to Service <input checked="" type="checkbox"/> 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.			
13b. Authorized Signature:		13c. Approval/Authorization No.:		14b. Authorized Signature:		14c. Approval/Certification No.:	
						BD2R712K	
13d. Name (Typed or Printed):		13e. Date (dd/mm/yyyy):		14d. Name (Typed or Printed):		14e. Date (dd/mm/yyyy):	
				Jason Blanton		30/Dec/2014	
<b>User/Installer Responsibilities</b>							
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							

Edward J. Novak Jr. A+P 2832024 IA

**RECORDING  
TACH  
TIME**

**TODAY'S  
FLIGHT**

**TOTAL  
TIME IN  
SERVICE**

**Description of Inspections, Tests, Repairs and Alterations**

Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries)

**Shoreline  
AVIATION**

**Shoreline Aviation, Inc.**

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

**1/25/2017**

**N621N**

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

**Aircraft Logbook**

Hobbs Hours: 2352.4 :: Aircraft TT: 2352.4 :: #1 Engine TT: 2352.4 :: #1 Propeller TT: 2352.4 ::  
#1 Propeller SMOH: 424.1

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) C/W FAR 91.207(d) on the ELT and noted no defects - next due 01/18. ELT battery is due 09/18.
- 2) Completed the following Piper recommended Special Inspection items: 30 day, 90 day, 6 month, 1 year, main battery capacity check, Stby gyro battery capacity check and 300 hr starter/generator brush wear check.
- 3) C/W Piper SB 1296 by completing a functional check of the engine manual override system - operation was normal.
- 4) C/W Piper SB 1291 by R+R of the cabin table placards per kit p/n 88581-701 instructions.
- 5) C/W Piper SB 1293B by installing new nose gear turn limits decals per kit p/n's 88582-701 & -702 instructions. Engine mount tube checked for damage per bulletin instructions and none was found. POH has the revision inserted per SB instructions.
- 6) C/W Piper Service Letters 1131 (lube of aileron wing quadrant bearing) & 1135 (cables and pulleys inspection).
- 7) R+R beta block with a new unit (part # CA3026).
- 8) R+R oil cooler air deflector plate with a new unit (part # 102611-002).
- 9) R+R two cowl latch instructions placards with new ones (part # 656-384) & R+R two belly drain placards with new units (part # 626-250).

--- Page --1-- of --2-- Pages --- Date: 1/25/2017 --- Aircraft #: N621N --- Aircraft Logbook ---

- 10) R+R air conditioning control module with a new unit (part # 102227-007).  
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.  
12) Cleaned all connectors in the RH wing for the fuel quantity system and installed a new RH fuel cap loanyard (part # MS27380-3).  
13) R+R pilot's windshield with a new unit (part # 494-782, serial # 15230H2483).  
14) C/W Piper Service Letter 1069 by checking the flight control cable terminal ends for corrosion with a 10X magnifier - no defects were noted.  
15) R+R RH aft facing seat gas cylinder with a new unit (part # 687-900).  
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.  
18) R+R forward cable for the lower cabin door with a new unit (part # 89630-004).

I certify that this Airframe 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

Shoreline  
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

Hobbs Hours: 2388.2

- 1) R+R #1 (LH) pitot heat timer with a new unit (p/n 691-419) per Piper SSL 464 - function check OK.  
2) C/W Piper Service Letter 1158 by installing new main wheel cover kit part # 551-621.

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

Edward J. Novak Jr. A+P 2832024 IA

**Shoreline  
AVIATION**

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 quantity 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 small 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).

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

Signed

*Edward J. Novak Jr.*

Edward J. Novak Jr. A+P 2832024 IA

1. Approving Civil Aviation Authority/Country: <b>FAA/United States</b>		2. <b>AUTHORIZED RELEASE CERTIFICATE</b> <b>FAA Form 8130-3, AIRWORTHINESS APPROVAL TAG</b>			3. Form Tracking Number: 20170003896387Y15 330243273										
4. Organization Name and Address: Honeywell International Inc. 23500 W 105th Street Olathe KS 66061				Repair Station PR2R093L <i>N621N</i> <i>2/7/15</i> <i>2478.3</i>		5. Work Order/Contract/Invoice Number: 7948112 330243272 Page 1 of 1									
6.Item:	7. Description:	8. Part Number:	9. Quantity:	10. Serial Number:	11. Status / Work:										
001	FINAL ASSY ART 2100	071-01550-0201	1	ART2100-M15430	MODIFIED										
<b>12. Remarks:</b> 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  <table style="width: 100%; border: none;"> <tr> <td style="text-align: right;">HH.DD</td> <td style="text-align: left;">(HH:MM)</td> </tr> <tr> <td>TSR 0.00</td> <td>(0:00)</td> </tr> <tr> <td>CSR 0.00</td> <td></td> </tr> <tr> <td colspan="2">MODS: 1-10</td> </tr> <tr> <td colspan="2">SW VERS: 01/05</td> </tr> </table> <b>SEE ATTACHED DOCUMENTS AS APPLICABLE FOR WORK PERFORMED</b> 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						HH.DD	(HH:MM)	TSR 0.00	(0:00)	CSR 0.00		MODS: 1-10		SW VERS: 01/05	
HH.DD	(HH:MM)														
TSR 0.00	(0:00)														
CSR 0.00															
MODS: 1-10															
SW VERS: 01/05															
13a. Certifies the items identified above were manufactured in conformity to: <input type="checkbox"/> Approved design data and are in a condition for safe operation. <input type="checkbox"/> Non-approved design data specified in Block 12.			14a. <input checked="" type="checkbox"/> 14 CFR 43.9 Return to Service <input checked="" type="checkbox"/> 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.												
13b. Authorized Signature:		13c. Approval/Authorization No.:		14b. Authorized Signature: <i>Scott Virgin</i>	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 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 accordance with the national regulations by the user/installer before the aircraft may be flown.

## SERVICE REPORT

### ERB Olathe

<b>SR NUMBER:</b> 5011609246		330243273	<b>FAA:</b> PR2R093L	<b>EASA:</b> EASA.145.4140
<b>PO:</b> 7948112	<b>CUSTOMER PART NUMBER:</b>		<b>CONTRACT NUMBER:</b>	
<b>DATE REJECTED:</b> 16 MAR 2017	<b>DATE RECEIVED:</b> 19 OCT 2017		<b>DATE COMPLETED:</b> 09 NOV 2017	
<b>A/C TYPE:</b> UNK	<b>A/C TAIL NUMBER:</b>		<b>A/C SERIAL NUMBER:</b>	
<b>PACKING STATUS:</b> No	<b>SEALS INTACT:</b> Seals Intact		<b>PHYSICAL DAMAGE:</b> No	
<b>REASON FOR REMOVAL:</b> FAILURE				
<b>PART NUMBER</b>	<b>AS RECEIVED:</b> 071-01519-0101	<b>AS RELEASED:</b> 071-01550-0201		
<b>DESCRIPTION:</b>	FINAL ASSY ART2000	FINAL ASSY ART 2100		
<b>SERIAL NUMBER</b>	ART2000-15430	ART2100-M15430		
<b>UID(MFR/SPL PNO SER/UCN)</b>	22373 ART2000-15430	22373 ART2000-15430		
<b>HW MOD STATUS:</b>	1-13	1-10		
<b>SW MOD STATUS:</b>	N/A	N/A		
<b>SOFTWARE LOAD:</b>	01/09	01/05		
<b>REASON FOR REMOVAL CONFIRMED:</b> Rejection Confirmed		<b>ESTIMATE SUPPLIED:</b> No		
<b>PRIMARY SHOP FINDING:</b> Hardware Fault Found		<b>WARRANTY:</b>		
<b>TYPE OF SERVICE:</b> MODIFIED		<b>TECHNICIAN:</b> Donovan W Funk		
<b>MAINTENANCE STATEMENT:</b> PAGE DETAILING WORK PERFORMED, ALONG WITH MATERIALS USED, IS ATTACHED IN PAGE 2.				
<b>SIGNATURE BELOW REQUIRED ONLY WHEN RETURN TO SERVICE IS NOT ISSUED:    DATE:</b> _____				
<b>SIGNATURE OF AUTHORIZED PERSON:</b> _____				
<b>Complied With</b> CMM/Eng Documentation: 34-40-11/Rev 4/Rev Date 03 JAN 2012; 34-40-12/Rev 3/Rev Date 07 NOV 2016; Service Bulletins: ART 2000-34-18/Rev 0/Rev Date 26 JUL 2016; Customer Manuals/Documentation:				
SHOULD YOU REQUIRE ANY FURTHER INFORMATION REGARDING THIS SERVICE REPORT, OR HAVE ANY QUESTIONS, PLEASE CONTACT OUR CUSTOMER RESPONSE CENTER AT 1-800-601-3099 OR VISIT OUR CUSTOMER PORTAL AT <a href="http://www.MyAerospace.com">www.MyAerospace.com</a> TO SUBMIT AN INQUIRY.				

## SERVICE REPORT

ERB Olathe

<b>SR NUMBER: 5011609246</b>		<b>FAA:</b> PR2R093L	<b>EASA:</b> EASA.145.4140
<b>PO:</b> 7948112	<b>CUSTOMER PART NUMBER:</b>	<b>CONTRACT NUMBER:</b>	

**Previously Complied 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	200-05553-0001		200-05553-0001		1		
Replace	SB-18	122-01418-0105		122-01418-0105		1		
Replace	MAGNETRON	050-03420-0000	KR11092017A	021-00127-0001	KR11092017A	1		

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

RTS TECHNICIAN

SV

DATE

11-9-17

NexAir Avionics LLC 246 SOUTH MEADOW ROAD GATE 6, HANGAR SW-1 PLYMOUTH, MA 02360  
LOG ID# 1086 05-February-2018 WO# 4162 HOBBS 2478.3  
N621N S/N 4697177 PIPER PA46-500TP

Pg 1 / 1

THE ADC # 1 P/N:37002-01-02 S/N:M011645 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 35,000FT.

THE ADC # 2 P/N:37002-01-02 S/N:M012705 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 35,000FT.

THE STAND-BY ALTIMETER P/N:16540-1147 S/N:1670401, 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 35,000FT.

THE ATC TRANSPONDER # 1 PN:010-00230-62 SN:84108797 AND ATC TRANSPONDER # 2 PN:011-00455-00 SN:84108871 HAS BEEN TESTED AND FOUND TO BE IN COMPLIANCE WITH FAR43, APPENDIX F, AS REQUIRED BY FAR 91.413.

NOTE: WORK ORDER 4162 ON FILE.

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

  
N4OR087B BENJAMIN SCHULTZ

ons  
of  
es.)

# NEXAIR AVIONICS

Standby

Altimeter Correction Card			
Altimeter: 16540-1147		SN: 176401	
ALT	Error	ALT	Error
-1000	+15	14000	-30
0	-15	16000	-20
500	-20	18000	-50
1000	-20	20000	-40
1500	-20	22000	-60
2000	-20	25000	-80
3000	-20	30000	-60
4000	-20	35000	+20
6000	-10	40000	
8000	-20	45000	
10000	-20	50000	
12000	-20	55000	

Barometric InHg: 29.92 Test Date: 2/5/18

Tested By: B. Schutte CRS N4OR087B  
Mansfield Airport 265 Fruit St Mansfield MA 02048

# NEXAIR AVIONICS

Pilot side

Altimeter Correction Card			
Altimeter: 37002-01-02		SN: M011645	
ALT	Error	ALT	Error
-1000	+10	14000	+5
0	+5	16000	0
500	+5	18000	0
1000	+15	20000	0
1500	+5	22000	-5
2000	+5	25000	-5
3000	+5	30000	-20
4000	+5	35000	-30
6000	+5	40000	
8000	+5	45000	
10000	-5	50000	
12000	-5	55000	

Barometric InHg: 29.92 Test Date: 2/5/18

Tested By: B. Schutte CRS N4OR087B  
Mansfield Airport 265 Fruit St Mansfield MA 02048

# NEXAIR AVIONICS

Copilot side

Altimeter Correction Card			
Altimeter: 37002-01-02		SN: M012705	
ALT	Error	ALT	Error
-1000	+15	14000	+20
0	+10	16000	+20
500	+15	18000	+20
1000	+15	20000	+20
1500	+10	22000	+20
2000	+10	25000	+25
3000	+15	30000	+25
4000	+15	35000	+25
6000	+15	40000	
8000	+15	45000	
10000	+20	50000	
12000	+20	55000	

Barometric InHg: 29.92 Test Date: 2/5/18

Tested By: B. Schutte CRS N4OR087B  
Mansfield Airport 265 Fruit St Mansfield MA 02048

# Shoreline AVIATION



Shoreline Aviation, Inc.

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

6/2/2018

N621N

PA46-500TP, serial # 4697177

Aircraft Logbook

Hobbs Hours: 2515.9

- 1) Installed a new RH pitot heat control module, part # 691-419. Function check OK.
- 2) Installed a new propeller heat control module, part # 691-420. Function 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.

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

Signed

Edward J. Novak Jr. A+P 2832024 IA



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

1/28/2019

N621N

PA46-500TP, serial # 4697177

Aircraft Logbook

Hobbs Hours: 2584.8 :: Aircraft TT: 2584.8 :: #1 Engine TT: 2584.8 :: Prop. TT: 2584.8 :: Prop.  
TSMOH: 656.5 :: Engine CSN: 1113

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 01/20. Installed a new 452-0130 ELT battery - ELT battery is due 08/21.
- 2) Completed the following Piper recommended special inspections: 50 hr., 300 hr str/gen brush wear checks, 400 hr. Fuel purge check, 30 day, 90 day, 6 month, 1 year, main battery capacity check & standby gyro battery capacity check.
- 3) C/W Piper Service Letters 1131 (lube of aileron wing quadrant bearing) & 1135 (cables and pulleys inspection).
- 4) C/W Piper Service bulletin 1327 on the aileron cable guide tube behind the panel - found adequate clearance exists so no further action is required.
- 5) C/W Piper Service bulletin 1290B on the flap bracket rivets and found round head rivets are already installed so no further action is required.
- 6) R+R oxygen bottle/regulator assembly (part # 800112-24, serial # 525499) after hydrostatic testing and regulator O/H - see attached 8130-3 form for details. Filled bottle to 1800 psi with Aviator's Breathing Oxygen.
- 7) R+R both main tires with new units (Michelin Air 6.00x6 8pr). R+R nose tire with a new GYFSII 5.00x5 10pr unit.
- 8) R+R control module (part # 102227-007) for the cabin vent fan - function check normal.
- 9) Installed a new elevator trim position indicator decal (part # 656-389) Installed one new "Drain" placard on the belly. Installed new "Grounding" placards (part # 656-239) at both fuel filler openings. R+R fuel filter drain decal with a new locally fabricated decal.
- 10) R+R RH aileron outboard static wick with a new DD1W static wick.
- 11) Repaired fuel leak at the LH inboard fuel tank by replacing two nutplates in the tank used for attaching the forward wheel well fairing.
- 12) R+R LH transponder antenna with a new unit (part # AV74).
- 13) R+R two loose rivets with new rivets on the LH wing root fairing near the flap.
- 14) R+R LH pitot tube with a used/serviceable unit (part # PH502-13) Leak check OK. Pitot heat ops. check OK.

I certify that this Airframe 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

Iterations  
(Number of  
cific entries.)

1. Approving Civil Aviation Authority/Country: <b>FAA/United States</b>		2. <b>AUTHORIZED RELEASE CERTIFICATE</b> FAA Form 8130-3, AIRWORTHINESS APPROVAL TAG			3. Form Tracking Number: <b>6209091</b>	
4. Organization Name and Address: <b>Textron Aviation Inc. (PC4) Textron Aviation Inc. 1 Cessna Blvd, Wichita, KS 67215</b>					5. Work Order/Contract/Service Number: <b>3139029</b>	
6. Item: <b>20</b>	7. Description: <b>TIRE 5.00X5 10PLY FSII TT</b>	8. Part Number: <b>505C01-2</b>	9. Quantity: <b>1</b>	10. Serial Number: <b>80272249</b>	11. Status/Work: <b>New</b>	
12. Remarks: <b>AUTHORIZED RELEASE DOCUMENT</b> <b>PO#: 08895</b> <i>N621N</i> <i>1/25/19</i>						
13a. Certifies the items identified above were manufactured in conformity to: <input checked="" type="checkbox"/> Approved design data and are in a condition for safe operation. <input type="checkbox"/> Non-approved design data specified in Block 12.			13b. <input checked="" type="checkbox"/> 14 CFR 43.9 (except for Part 43) <input type="checkbox"/> Other regulations specified in Block 12. Certifies that unless otherwise specified in Block 12, the work identified in Block 11 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 person who approved the release to service.			
13c. Authorized Signature: <i>Randy Malcolm</i>		13d. Approval/Authorization No.: <b>PC4</b>		14a. Authorized Signature:		14b. Approval/Authorization No.:
13e. Name (Typed or Printed): <b>RANDY MALCOLM</b>		13f. Date (dd/mm/yyyy): <b>11/Jun/2018</b>		14c. Name (Typed or Printed):		14d. Date (dd/mm/yyyy):
<b>User/Installer Responsibilities</b>						
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 ensure 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 accordance with the national regulations by the user/installer before the aircraft may be flown.						

1. Approving competent Authority Country <i>Autorisé Compétence Pays</i> <b>DIRECTION GENERALE DE L'AVIATION CIVILE FRANCE</b>		<b>AUTHORISED RELEASE CERTIFICATE</b> <i>Certificat Libérateur Autorisé</i> <b>EASA FORM 1</b> <i>Formulaire 1 de l'EASA</i>				3. Form Tracking Number <i>N° de repère du Formulaire</i> <b>17 / 57804 / NKE / N / B</b> 	
4. Organisation Name and Address / <i>Nom et Adresse de l'Organisation :</i>  <b>MICHELIN - LPAV</b> Place des Carmes-Déchaux 63040 CLERMONT-FERRAND CEDEX 9 FRANCE		5. Work Order / Contract / Invoice <i>Bon de commande / Contrat / Facture</i> <b>7180S00047</b>					
6. Item / Item	7. Description / Description	8. Part No. / N° de pièce	9. Qty / Qté	10. Serial No. / N° série	11. Status / Work / Etat / Travail		
N/A	6.00-6B/120	070-817-0 	1	7180S00047 	N621N 1/25/19 NEW		
12. Remarks / Remarques		'This document has been issued according to an approved computer generated signature procedure' 'Ce document a été émis selon une procédure approuvée de signature électronique' ETSOC62 Approval Number: EASA.210.946, TSOC62 LODA Approval Number: TS/08142008-027					
13a. Certifies that the items identified above were manufactured in conformity to : <i>Certifie que les éléments identifiés ci-dessus ont été fabriqués conformément aux :</i> <input checked="" type="checkbox"/> approved design data and are in a condition for safe operation <i>données de conception approuvées et sont en état de fonctionner en toute sécurité</i> <input type="checkbox"/> non-approved design data specified in block 12 <i>données de conception non approuvées spécifiées dans le case 12</i>			14a. <input checked="" type="checkbox"/> Part 145 A50 Release to Service <i>Approbation pour remise en service</i> <i>Spécie Partie 145.A.50</i> Certifies that unless otherwise specified in block 12, the work identified in block 11 and described in block 12, was accomplished in accordance with Part 145 and in respect to that work the items are considered ready for release to service. <i>Certifie que, sauf indication contraire spécifiée en case 12, les travaux identifiés en case 11 et décrits en case 12 ont été réalisés conformément à la partie 145 et qu'en vu de ces travaux, les pièces sont considérées prêtes à la remise en service.</i>				
13b. Authorized Signature / Signature autorisée	13c. Approval/Authorisation Number / Numéro d'approbation d'autorisation	14b. Authorized Signature / Signature autorisée		14c. Certificate/Approval Ref. No / N° du Certificat/Agrément			
 <b>SOMAINEUK MAKPUT</b> Quality Assurance CAKINGNO 08 Authorized	FR.21G.0103						
13d. Name / Nom	13e. Date (dd mmn yyyy) / Date (j mmn aaaa)	14d. Name / Nom		14e. Date (dd mmn yyyy) / Date (j mmn aaaa)			
	05 Jul 2017						
USER/INSTALLER RESPONSIBILITIES / Responsabilités de l'utilisateur/installateur This certificate does not automatically constitute authority to install the item(s). Ce document ne constitue pas forcément l'autorisation d'installer l'élément(s). Where the user/installer performs work in accordance with regulations of an airworthiness authority different than the airworthiness authority specified in block 1 it is essential that the user/installer ensures that higher airworthiness authority accepts items from the airworthiness authority specified in block 1. Quand l'utilisateur/installateur travaille selon les réglementations d'une autorité de navigabilité différente de l'autorité de navigabilité mentionnée dans le case 1, il est essentiel que l'utilisateur/installateur s'assure que son autorité de navigabilité accepte les items libérés par l'autorité de navigabilité mentionnée dans le case 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. Les indications portées en cases 13a et 14a ne constituent pas une certification de montage. Dans tous les cas le dossier d'entretien de l'aéronef doit contenir une certification d'installation délivrée conformément aux réglementations nationales par l'utilisateur/installateur avant que l'aéronef puisse voler.							

1. Approving competent Authority Country  
 Autorité Compétente Pays  
**DIRECTION GENERALE DE  
 L'AVIATION CIVILE  
 FRANCE**

# AUTHORISED RELEASE CERTIFICATE

Certificat Libération Autorisé

**EASA FORM 1**

Formulaire 1 de l'EASA

3. Form Tracking Number  
 N° de suivi du Formulaire  
 17 / 58736 / NKE / N / B



4. Organisation Name and Address:  
 Nom et Adresse de l'Organisation:



**MICHELIN - LPAY**  
 Place des Carmes-Diechoux  
 63040 CLERMONT-FERRAND CEDEX 9  
 FRANCE

5. Work Order / Contract / Invoice  
 Bon de commande / Contrat / Facture  
 7181500047

6. Item / Item	7. Description / Description	8. Part No. / N° de pièce	9. Qty / Qnt	10. Serial No. / N° série	11. Status / Work / Etat / Travaux
N/A	6.00-6/8/120	070317-0 	1	7181500047 	N421N 1/25/19 NEW

12. Remarks / Remarques  
 Name(s): ETSOC62, TSOC62  
 ETSOC62 Approval Number: EASA-210.946, TSOC62 LODA Approval Number: TF/01542008-427  
 This document has been issued according to an approved computer generated signature procedure.  
 Ce document a été émis selon une procédure approuvée de signature électronique.

13a. Certifies that the items identified above were manufactured in conformity to:  
 Certifie que les éléments identifiés ci-dessus ont été fabriqués conformément à:  
☒ approved design data and are in a condition for safe operation  
 données de conception approuvées et sont en état de fonctionner en toute sécurité  
☐ non-approved design data specified in block 12  
 données de conception non approuvées spécifiées dans la case 12

14a. ☐ Part 145, 145A Release to Service  
 Approbation pour remise en service  
 Selon Partie 145A.50  
☐ Other regulation specified in block 12  
 Autre réglementation précisée en case 12

14b. Certifies that unless otherwise specified in block 12, the work identified in block 11 and described in block 12, was accomplished in accordance with Part 145 and in respect to that work the items are considered ready for release to service.  
 Certifie que, sauf indication contraire précisée en case 12, les travaux identifiés en case 11 et décrits en case 12 ont été réalisés conformément à la partie 145 et qu'en vu de ces travaux, les éléments sont considérés prêts à la remise en service.

13b. Authorised Signature Signature autorisée  <b>SOMMAIRUS MAJPUT</b> <b>Quality Assurance</b> <b>QA, N°0000 09</b> <b>Authorized</b>	13c. Approval/Authorization Number Numéro d'approbation/autorisation  FR.21G.0100	14b. Authorised Signature Signature autorisée	14c. Certificate/Approval Ref. No N° du Certificat/Agrément
13d. Name / Nom	13e. Date (dd mm yyyy) / Date (jj mm aaaj)  07 Jul 2017	14d. Name / Nom	14e. Date (dd mm yyyy) / Date (jj mm aaaj)

## USER/INSTALLER RESPONSIBILITIES / Responsabilités de l'utilisateur/installateur

This certificate does not automatically constitute authority to install the item(s).  
 Ce document ne constitue pas forcément l'autorisation d'installer l'item(s).

Where the user/installer performs work in accordance with regulations of an airworthiness authority different than the airworthiness authority specified in block 1, it is essential that the user/installer ensures that higher airworthiness authority accepts items from the airworthiness authority specified in block 1.  
 Quand l'utilisateur/installateur travaille selon les réglementations d'une autorité de navigabilité différente de l'autorité de navigabilité mentionnée dans la case 1, il est essentiel que l'utilisateur/installateur s'assure que son autorité de navigabilité accepte les items libérés par l'autorité de navigabilité mentionnée dans la case 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.  
 Les indications portées en cases 13a et 14a ne constituent pas une certification de montage. Dans tous les cas le dossier d'entretien de l'avion doit contenir une certification d'installation délivrée conformément aux règlements nationaux par l'utilisateur/installateur avant que l'avion puisse voler.

# MATERIAL CERTIFICATION

PART DESC: TUBE, PITOT

CUSTOMER  
POB:

09248

PART NUMBER: PH502-13

SERIAL  
NUMBER: 1-01

QUANTITY: 1

THE UNDERSIGNED HEREBY CERTIFIES THE ABOVE MATERIAL ACCOMPANIED BY THIS CERTIFICATION  
IS IN: AS REMOVED / CONDITION AND WAS ORIGINALLY MANUFACTURED  
BY: AERO INSTRUMENTS OR ONE OF THEIR AUTHORIZED LICENSEES.

TO THE BEST OF OUR KNOWLEDGE THE MATERIAL ABOVE WAS NOT SUBJECTED TO EXCESSIVE HEAT, AS IN MAJOR  
ENGINE FAILURE OR FIRE AND WAS NOT OBTAINED FROM ANY U.S. MILITARY SOURCE. THE UNITS WERE INSPECTED AND  
DOCUMENTS VERIFIED.

THE MATERIAL LISTED ABOVE IS TRACEABLE BACK TO THE FOLLOWING SOURCE:

AIRCRAFT: P17 TURBINE MERIDIAN

SERIES: PA46-500T

AIRCRAFT SERIAL NUMBER: 4097071

REGISTRATION: N102AP formerly N919KJ

AIRCRAFT TOTAL TIME AT REMOVAL: 2256.3

AIRCRAFT TOTAL CYCLES AT REMOVAL: 3095

DATE: 01/25/2018

INSPECTOR  
ALLIANCE AIR PARTS, INC.

LOGBOOKS AND ORIGINAL DOCUMENTATION ARE ON FILE AT ALLIANCE AIR PARTS, INC., 11700 S. MERIDIAN AVE.,  
OKLAHOMA CITY, OKLAHOMA 73173. TELEPHONE: 405-548-2500 FAX: 405-548-2510

FAA/United States

## AUTHORIZED RELEASE CERTIFICATE

FAA Form 8130-3, AIRWORTHINESS APPROVAL TAG

2. Form Tracking Number:

135U902

## 4. Organization Name and Address:

Airline Accessory Service Co., LLC  
 LOKR782Y  
 455 Putnam Ave  
 Hamden, CT 06517

3. Work Order/Contract/Invoice  
Number:

08222

6. Item	7. Description	8. Part Number	9. Quantity	10. Serial Number	11. Status/Work
1	Oxygen Cylinder and Regulator Assembly	800112-24	1	525499	Overhauled 1621H 1/25/19

## 12. Remarks:

Regulator Assembly P/N 800114-12 S/N 10639, Overhauled in accordance with Scott CRM 35-01-12, Revision Original, Dated December 10, 2010.

Details of the work performed are on file at this repair station under the above referenced tracking number.

Airline Accessory Service Co., LLC 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 article is considered ready for release to service under EASA Part 145 approval number EASA 145.5903.

## 13a. Certifies the items identified above were manufactured in accordance with:

- ☐ Approved design data and are in a condition for safe operation.  
☐ Non-approved design data specified in Block 12.

## 14a.

☒ 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.

13b. Authorized Signature:

13c. Approval/Authorization No.:

14b. Authorized Signature:

14c. Approval/Certificate No.:

LOKR782Y

13d. Name (Typed or Printed):

13e. Date (DD/MM/YYYY):

14d. Name (Typed or Printed):

14e. Date (DD/MM/YYYY):

Steve Talbot

22 Jan 2019

## 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/aircraft. Where the user/installer performs work in accordance with the national regulations of an airworthiness authority different from the civil aviation authority of the country specified in block 1, it is essential that the user/installer ensures that his/her airworthiness authority accepts aircraft engine/propeller/aircraft from the airworthiness authority of the country specified in block 1. Otherwise in block 1, items 13a and 14a do not constitute installation certification. In all cases, aircraft maintenance records must contain all installation certification issued in accordance with the national regulations of the country specified in block 1.

**Airline Accessory Service Co., LLC**

455 Putnam Ave

Hamden, CT 06517 USA

FAA Repair Station LOKR782Y

Ph: 203-773-1808 Fax: 203-773-1888

Shoreline Aviation, Inc. 93

Old Colony Lane

Marshfield, MA 02050

Ph: 781-834-4828

Fax: 781-837-5103

Work Order /  
Teardown Report**135U002**

Date	1/18/19
Customer	Shoreline Aviation
Customer P.O.	09222
Customer Contact	Ed Novak
Manufacturer	Scott
Received By	JG
Cust. Tag Attached	Yes
Terms	Net 30

Quantity	Part Number	Component Description	Serial Number
1	800112-24	O2 Cylinder and Regulator Assembly	ST 59066

Receiving Inspection Remarks (including preliminary findings) for overhaul

Regulator Assembly P/N 800114-12 S/N 10639

Inspector ST Date 1/18/19

Teardown Inspection Remarks

- Visually inspected, found cylinder corroded. Cylinder required replacement.
- Regulator assembly overhauled and relief valve functionally tested IAW CMM specs.
- Replacement Cylinder DOT3AA100, S/N 525499 hydrostatic retest due January 2024.
- Regulator assembly installed IAW CMM specs. Cylinder and regulator assembly serviced with 30 psi of aviator breathing oxygen for shipping.
- Assembly S/N changed to 525499.

The oxygen cylinder and regulator assembly will be returned in overhauled condition with a dual release FAA/EASA Form 8130-3.

List of Approved Data To Be Used In This Repair

OHM / CMM 35-01-12

Revision 0Pages allDate December 10, 2010

Other Data (SB's, SIL's, Operator Instructions)

AD's Applicable / Incorporated During This Shop Visit

Inspector [Signature]Date 1/22/19

Note: Acceptance of the repair/quote associated with this report grants AASCO authority to dispose of the as removed items into our waste stream.

Form: RD1 Rev:3 Date: 9/7/2018

NexAir Avionics LLC 246 SOUTH MEADOW ROAD GATE 6, HANGAR SW-1 PLYMOUTH, MA 02360  
LOG ID# 1569 18-January-2019 WO# 5532 AC TT 2584.8 HOBBS 2584.8  
N621N S/N 4697177 PIPER PA46-500TP

Pg 1 / 1

UPDATED GTN 750 #1 SN:12A016244 AND #2 SN:12A016265 MAIN SOFTWARE FROM VERSION 6.11 TO VERSION 6.51 AND COM SOFTWARE FROM VERSION 2.20 TO VERSION 2.30 IN ACCORDANCE WITH GARMIN SERVICE BULLETIN 1876 REV A DATED OCTOBER 31, 2018.

CHANGED CONFIGURATION IN KMD 850 ACCORDING TO HONEYWELL SYSTEM BENDIX/KING KMD550/850 INSTALLATION MANUAL PN: 006-10608-0014 REV 14 DATED MARCH 2007.

CHANGED CONFIGURATION IN ART 2100 CONFIGURATION MODULE IN ACCORDANCE WITH THE HONEYWELL SYSTEM BENDIX/KING ART 2100 MAINTENANCE MANUAL PN:066-05390-0001 REV 1 DATED JUNE 2000.

CHANGED CONFIGURATION OF THE GTX330ES SN: 84188797 TO ALLOW ADS-B 1090 AND 978 MHZ IN. TRANSPONDER IS AT 8.02 AND CURRENT VERSION IS 8.04. CHANGED CONFIGURATION OF THE GTX330ES TO ALLOW FLIGHT ID TO BE ENTERED BY PILOT. THIS WORK WAS DONE IN ACCORDANCE WITH GARMIN GTX 3XX INSTALLATION MANUAL PN:190-00734-10 REV 10 DATED FEBRUARY 28, 2018.



N40R087B DAVID FETHERSTON



Shoreline  
AVIATION

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

**Iterations**  
Number of  
(significant entries.)

Aircraft Logbook

### Miscellaneous

R+R mass flow air control valve (part # 1300490-21, serial # 160) after it was inspected and functionally tested by Enviro as shown on the attached 8130-3 form. Tested all mass flow and temperature control system functions using Enviro test box and found no faults. Flight test completed by owner with normal system operation in flight reported.

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. Sheehan A+P 3439269 IA

[illegible]

1. Approving Civil Aviation Authority/Country: <b>FAA/UNITED STATES</b>		2. <b>AUTHORIZED RELEASE CERTIFICATE</b> FAA Form 8130-3, AIRWORTHINESS APPROVAL TAG			3. Form Tracking Number: <b>WW185199</b>	
4. Organization Name and Address: <b>ENVIRO SYSTEMS, INC., 12037 N. HWY. 99, SEMINOLE, OK. 74868 (BD2R712K)</b>					5. Work Order/Contract/ Invoice Number: <b>WW185199</b>	
6. Item:	7. Description:	8. Part Number:	9. Quantity:	10. Serial Number:	11. Status/Work:	
1	FLOW CONTROL VALVE ASSEMBLY	1300490-21	1 EA	160	INSPECTED	
12. Remarks: Customer Part ID: 591-718 Inspected in accordance with Enviro Systems, Inc., Technical Design Data for the part noted in Block 8, Revision Letter - <b>N621H 2/12/19</b>						
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.						
13a. Certifies the items identified above were manufactured in conformity to:  <input type="checkbox"/> Approved design data and are in a condition for safe operation. <input type="checkbox"/> Non-approved design data specified in Block 12.			14a. <input checked="" type="checkbox"/> 14 CFR 43.9 Return to Service <input type="checkbox"/> 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.			
13b. Authorized Signature:		13c. Approval/Authorization No.:		14b. Authorized Signature:		14c. Approval/Certification No.:
						BD2R712K
13d. Name (Typed or Printed):		13e. Date (dd/mm/yyyy):		14d. Name (Typed or Printed):		14e. Date (dd/mm/yyyy):
				Wes Evans		08/Feb/2019
<b>User/Installer Responsibilities</b>						
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 higher airworthiness authority accept 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						



## PRODUCT REPAIR FORM

Repair Station BD2R712K

Customer Name: SHORELINE AVIATION

Date Received: 12/30/2030

Customer PO No: 09270

Sales Order No: 577135

Enviro Part No: 1300490-21 RTN

Customer Part No:

Part Description: FLOW CONTROL VALVE ASSEMBLY

Work Order No: WW185199

Mfg Date/Serial No: MFD 5/2010 SN-160 RECEIVED AS 1300490-21 RTN

CUSTOMER P/N: 552-710

\*\*\*CAIPPS 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 CABIN BEING TOO COLD

Visual Condition as Received: INCOMING/RECEIVING INSPECTION: UNIT HAS MINOR PLATING DAMAGE.

Tear Down Analysis: PRELIMINARY INSPECTION: UNIT RETURNED FOR "UNIT SENT IN FOR RUSH REPAIR DUE TO CABIN BEING TOO COLD". UNIT PASSED ATP AT ENVIRO. NFF

**Major Parts Replaced:**

Part No	Description	Qty
Service to be Performed: INSPECTED		
Evaluated By: 519	JOSHUA DELK	2/7/2019
Work Performed By: 474	CHANCE NEIL	2/8/2019

**TEST DATA SHEET FOR  
MASS FLOW CONTROL VALVE  
ENVIRO P/N 1300490-21**

UNIT PART NUMBER: 1300490-21 SERIAL NUMBER: 160  
WORK ORDER/SALES ORDER NUMBER: ww165199

**TEST DATA**

1. INSTALL VALVE ON TEST STAND ☒
2. CONNECT TEST FIXTURE TO VALVE ACTUATOR ☒
3. PLACE TEST FIXTURE IN CLOSED POSITION ☒
4. ADJUST ACTUATOR TO CLOSED POSITION ☒
5. INCREASE INLET TEST PRESSURE TO 40±10 PSIG ☒
6. ADJUST AND LOCK ACTUATOR PINTLE DRIVE SCREW ☒
7. SET PRESSURE AT 100-150 PSIG ☒
8. OPERATE VALVE THROUGH A MINIMUM OF 2 CYCLES ☒
9. CURRENT (200mA MAX.) 120 mA ☒
10. VERIFY VALVE IS IN MID POSITION ☒
11. REDUCE TEST PRESSURE TO 20±2 PSIG ☒
12. BLOCK VENTURI OUTLET ☒
13. VERIFY LEAKAGE AT FLANGES USING SOAP SOLUTION ☒
14. VERIFY CHECK VALVE ORIENTATION ☒
15. DATE: 2/8/2019 TEST OPERATOR SIGNATURE: Chance Neil 5 ☒
16. DATE: 2/8/2019 QUALITY SIGNATURE: [Signature] ☒

YEAR 20____ DATE	RECORD TACI TIME	HOURS	TODAY'S	TOTAL	Description of Inspections, Tests, Repairs and Alterations	Date Number of specific entries.)
					Date: 6/20/2019; Aircraft: N621N; Type: PA46-500TP; S/N: 4697177; Hobbs: 2610.50	
					Aircraft Total Time: 2610.5	
					Removed Pratt & Whitney Canada PT6A-42A engine s/n PCE-RM0187 from aircraft by disconnecting 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.	
					Transferred the engine air box components over to the new engine mount p/n 102460-036 s/n M00618655. Installed new mount on aircraft using new bolts p/n 401-418 (AN6-32A) and p/n 401-403 (AN6-23A) 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 010419056659001 using new attaching hardware and tightening IAW chapter 32-20-00 para B of the Piper Aircraft PA-46-500TP, Malibu 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. Transferred the nose gear squat switch to the new nose gear	

RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of specific entries.)
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assembly and secured using new cotter pins as required.

Reconnected the nose gear door springs to the new engine mount along with the nose gear sequencing valve.

Engine PT6A-42A s/n PCE-RM0187 was reinstalled. Note the rubber mounts were found to be in a serviceable condition and were not replaced. The hardware was torqued and safetied IAW 71-20-00 figure 2.

Reconnected the electrical, mechanical, fuel, oil, and pneumatic lines previously disconnected to remove the engine.

Replaced 1 p/n 562-003 bleed air gasket and torqued the V-band clamp to 35 in/lb.

Removed the nose tire p/n 505C01-2 s/n 80272249 and old tube. Installed new tire p/n 071-311-0 s/n 8342S00092 and tube p/n 302-013-400. Torqued the wheel hardware to 90 in/lb and inflated tire to 88 psi.

Reinstalled the nose wheel and safetied using a new cotter pin.

Set the nose landing gear rake angle to +0.5 degrees using a universal propeller protractor p/n 36-D-2844 last calibrated 07/13/18 next calibration due 7/13/19.

Set clearance between nose gear steering arm and nose gear steering rollers to .020 each for a total of .040.

The aircraft was jacked for landing gear retraction tests. 4 retractions without issues were completed with 1 emergency extension with no defects noted.

- The nose gear squat switch was rigged IAW chapter 32-60-00 (4) (B) 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.
- 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  
Kyle S. Bork A&P IA 3492553

6-20-2019  
date

**and Alterations**  
tificate Number of  
er specific entries.)



Shoreline Aviation, Inc.

→  
Marshfield Municipal Airport  
George Hawley Field (GHO)  
93 Old Colony Lane  
Marshfield, MA 02050

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8/21/2019      N621N      PA46-500TP, serial # 4697177      Aircraft Logbook

Hobbs Hours: 2540.2

R+R #2 ADAHRS with a used/serviceable unit (part # 37002-01-02, serial # M007967). Leak check pilot and static systems per FAR91.411 OK. Completed magnetometer calibration for both ADAHRS units with satisfactory results.

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.

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

Signed

Edward J. Novak Jr. A+P 2832024 IA

## RETURN TO SERVICE

MS

Part Number: 37002-01-02 Description: ADAHRS  
Serial Number: M007967 Manufacturer: McGOTT AVIONICS

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

Signature:  Date: 8/28/2019

NexAir Avionics  
265 Fruit Street  
Marshfield, MA 02048  
FAA Repair Station #N40R087B

Installed in #2 position  
of N621N on 8/20/19.

NEXAIR  
AVIONICS

**Shoreline  
AVIATION**

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

Aircraft 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 the maint. manual as a guide.

- 1) C/W FAR 91.207(d) on the ELT and noted no defects - next due 07/21. ELT batt is due 08/21.
- 2) Completed the following Piper recommended Special Inspections: 50 hr., 30 day, 90 day, 6 month, 1 year, main battery capacity check and standby gyro battery capacity check.
- 3) C/W Piper Service Letters 1131A (lube of aileron wing quadrant bearing), 1135 (cables and pulleys inspection), 1265 (flight controls check), 1272 (elevator spar insp) & 1280 (rudder bar check).
- 4) C/W Piper Service Bulletin 1271A on the wing spar and rivets and found no defects.
- 5) C/W Piper Service Letter 1236 on the nose gear channel. Inadequate clearance was found and this condition was corrected per Letter instructions.
- 6) Removed all 5 RH fuel quantity probes and cleaned each terminal. Reinstalled same probes and completed fuel quantity calibration process to both wings with successful results.
- 7) C/W Piper Service Bulletin 1290B on the flap bracket rivets and found no loose rivets.
- 8) Installed the following new external placards. LH rear cowling latch, fuel pump (3 ea.) on LH side & NLG turn limits (both decals).
- 9) Installed a new RA164-07800 brake disc and 4 new 066-06200 brake pads on the LH side. Resealed the LH brake with new MS28775-222 o-rings and bled the brakes.

YEAR  
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- 10) Replaced the loose anti-chafe tape on the Riri flap with new 667 i-z polyurethane tape.
- 11) Removed and reinstalled all upholstered components, seats and carpeting and reinstalled after refurbishment by Don's Custom Upholstery in Wareham, MA. Removed existing fiberglass insulation and replaced it with Soundex Insulatin materials. Material certifications for the upholstery, seats, carpeting and insulation are all in a separate envelope placed with the aircraft records. Completed 2000 hr/7 year fuselage inspection while all of the interior was removed. Repainted all interior plastic to match the new interior color using SEM 15173 "Camel" and 15003 "Phantom White" paint.
- 12) Weighed airplane with calibrated scales and placed the new weight and balance report in the POH.
- 13) Installed a new Shadin "Sine Wave to Square Wave" fuel flow signal converter (part # 631201, serial # 868) and wired it to the existing fuel flow transducer and the existing Sandia ADC. Converter is mounted near the ADC and the wiring for the fuel flow signal is routed from the DALL connector down the RH side of the fuselage to the signal converter. Configured existing GTN 750's for fuel/air data input and set the fuel flow K factor on the ADC to 28100 per Sandia installation manual instructions.
- 14) Adjusted flap switch for the gear warning to actuate at the correct flap position per airplane maintenance manual instructions.
- 15) Installed a new 554-422 seat track adjustment cable on the co-pilot's seat.
- 16) Installed a new 801386-22 O2 oxygen generator in the forward position of the drawer under the aft facing RH seat.

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

Signed

*Edward J. Novak Jr.*

Edward J. Novak Jr. A+P 2832024 IA

1. Approving Civil Aviation Authority/Country: <b>FAA/United States</b>		2. <b>AUTHORIZED RELEASE CERTIFICATE</b> FAA Form 8136-3, AIRWORTHINESS APPROVAL TAG		3. Form Tracking Number: <b>2019-12-31-01-02</b>	
4. Organisation Name and Address: <b>SHADIN AVIONICS 7555 Market Place Dr., Eden Prairie, MN 55344 TSO Authorization PT2089CE</b>		TEL: 1 (952) 927-0580 FAX: 1 (952) 925-0674		5. Work Order/Contract/Service Number: <b>Shadin Job# 5035 Shadin SO# 56340 Cost PO# 10030</b>	
6. Item:	7. Description:	8. Part Number:	9. Quantity:	10. Serial Number:	11. Status/Work:
1.	SINE WAVE TO SQUARE WAVE CONVERTER	631201	1	868 <i>1621N 7/3/20</i>	NEW
12. Remarks:  Item 1: TSO-C44a					
13a. Certifies the items identified above were manufactured in conformity to: <input checked="" type="checkbox"/> Approved design data and are in a condition for safe operation. <input type="checkbox"/> Non-approved design data specified in Block 12.					
13b. Authorized Signature: 		13c. Approval/Authorization No.: 999996863		14a. <input type="checkbox"/> ACCEPT-433 Errors in Service <input type="checkbox"/> Other condition specified in Block 12. Certifies that when service is specified in Block 12, the work identified in Block 12 as described in Block 12 was accomplished in accordance with Title 14, Code of Federal Regulations, part 43 and in respect to that work, the data can approve for return to service.	
13d. Name (Typed or Printed): Caleb Fitzsimonds		13e. Date (dd/mm/yyyy): 17/Jun/2020		14b. Authorized Signature:  14c. Approval/Authorization No.:  14d. Name (Typed or Printed):  14e. Date (dd/mm/yyyy): 	
<b>User/Installer Responsibilities</b>					
<p>It is important to understand that the existence of this document alone does not automatically constitute authority to install the aircraft engine/propeller/artic.</p> <p>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)/artic(s) from the airworthiness authority of the country specified in Block 1.</p> <p>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.</p>					

NexAir Avionics LLC 246 SOUTH MEADOW ROAD GATE 6, HANGAR SW-1 PLYMOUTH, MA 02380  
LOG ID# 2281 23-July-2020 WO# 6294 HOBBS 2673.3  
N621N S/N 4697177 PIPER PA46-500TP

Pg 1 / 1

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: entries.)

THE ADC # 1 (PN:37002-01-02 SN:M017810) 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 30,000FT.

THE ADC # 2 (PN:37002-01-02 SN:M007967) 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 30,000FT.

STANDBY ALTIMETER (PN:6420302-1 SN:318-10084), 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 30,000 FT.

THE #1 ATC TRANSPONDER (PN:011-00455-60 SN:84108797) AND #2 ATC TRANSPONDER (PN:011-00455-00 SN:84108771) HAS BEEN TESTED AND FOUND TO BE IN COMPLIANCE WITH FAR43, APPENDIX F, AS REQUIRED BY FAR 91.413.

NOTE: WORK ORDER 6294 ON FILE.

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

  
N40R087B BENJAMIN SCHULTZ

NexAir Avionics LLC 246 SOUTH MEADOW ROAD GATE 6, HANGAR SW-1 PLYMOUTH, MA 02380  
LOG ID# 2280 23-July-2020 WO# 6294 HOBBS 2673.3  
N621N S/N 4697177 PIPER PA46-500TP

Pg 1 / 1

AVIONICS UPGRADE TO INCLUDE REMOVAL OF: AIRSPEED INDICATOR (PN:2502-1160 SN:276946), ALTIMETER (PN:16450-1147 SN:170401), ATTITUDE GYRO (PN:5040035925 SN:504003592525216), #1 ADAHRS (PN:37002-01-02 SN:M011945), STANDBY BATTERY (PN:501-1682-01 SN:1994)

AVIONICS UPGRADE TO INCLUDE INSTALLATION OF: MD 302 STANDBY ATTITUDE MODULE (PN:6420302-1 SN:318-10084), #1 ADAHRS (PN:37002-01-02 SN:M017810)

NOTE: WORK ORDER 6294 ON FILE.

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

  
N40R087B BENJAMIN SCHULTZ

N621N

NEXAIR  
AVIONICS

W6294

## STANDBY Altimeter Correction Card

Altimeter: 6420302-1		SN: J18-10034	
ALT	Error	ALT	Error
-1000	-5	14000	+20
0	0	16000	+25
500	0	18000	+25
1000	0	20000	+10
1500	+5	22000	+10
2000	+10	25000	+10
3000	+10	30000	+10
4000	+10	35000	X
6000	+10	40000	
8000	+10	45000	
10000	+10	50000	
12000	+15	55000	

Barometric InHg: 29.92 Test Date: 7-23-20

Tested By: B. Schuchman CRS N40R087B  
Plymouth Airport 246 S Meadow Rd Gate 6 Hanger SW-1 Plymouth, MA 02360

N621N

NEXAIR  
AVIONICS

N621N

NEXAIR  
AVIONICS

W6294

## COPILOT Altimeter Correction Card

Altimeter: 37002-01-02		SN: M015207	
ALT	Error	ALT	Error
-1000	0	14000	-5
0	0	16000	-5
500	0	18000	-5
1000	0	20000	-5
1500	0	22000	-5
2000	0	25000	-10
3000	0	30000	-10
4000	0	35000	X
6000	0	40000	
8000	-5	45000	
10000	-5	50000	
12000	-5	55000	

Barometric InHg: 29.92 Test Date: 11-19-20

Tested By: B. Schuchman CRS N40R087B

## COPILOT ADX Altimeter Correction Card


Altimeter: 37002-01-02		SN: M007967	
ALT	Error	ALT	Error
-1000	0	14000	0
0	0	16000	0
500	0	18000	0
1000	0	20000	-10
1500	0	22000	-30
2000	0	25000	-70
3000	0	30000	-100
4000	-5	35000	X
6000	0	40000	
8000	0	45000	
10000	0	50000	
12000	0	55000	


Barometric InHg: 29.92 Test Date: 7-23-20

Tested By: B. Schuchman CRS N40R087B

Plymouth Airport 246 S Meadow Rd Gate 6 Hanger SW-1 Plymouth, MA 02360

1. Approving Civil Aviation Authority/Country: FAA/United States		2. <b>AUTHORIZED RELEASE CERTIFICATE</b> FAA Form 8130-3, AIRWORTHINESS APPROVAL TAG			3. Form Tracking Number: 44758	
4. Organization Name and Address: MAC Aircraft Maintenance, LLC 406 Yellowbird Rd, Portland, ME 04102					5. Work Order/Contract/Invoice Number: 44758	
6. Item:	7. Description:	8. Part Number:	9. Quantity:	10. Serial Number:	11. Status/Work:	
1	ADAHRS	37002-01-02	1	M013207	Inspected	
12. Remarks:  This unit was removed from N187JD in serviceable condition.						
<div> <div> 13a. Certifies the items identified above were manufactured in conformity to:   <input type="checkbox"/> Approved design data and are in a condition for safe operation.  <input type="checkbox"/> Non-approved design data specified in Block 12. </div> <div> 13b. Authorized Signature:   13c. Date (dd/mm/yyyy):   13d. Name (Typed or Printed): </div> <div> 14a. <input checked="" type="checkbox"/> 14 CFR 43.9 Return to Service <input type="checkbox"/> 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. </div> <div> 14b. Authorized Signature:   14c. Approved/Certificate No.: FSER011E </div> <div> 14d. Name (Typed or Printed): Shawn Falkner </div> <div> 14e. Date (dd/mm/yyyy): 04 Feb 2020 </div> </div>						
<b>User/Installer Responsibilities</b>  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 accordance with the national regulations by the user/installer before the aircraft may be flown.						

1. Approving National Aviation Authority/Country: FAA/UNITED STATES		2. <b>AUTHORIZED RELEASE CERTIFICATE</b> FAA Form 8130-3, AIRWORTHINESS APPROVAL TAG		3. System Tracking Ref. No. RMA 126707452	
4. Organization: GARMIN International 1200 E 151st Olathe, KS 66062 Certificate No. G6XR582Y				5. Work Order Contract/Invoice Number: RMA 126707452	
6. Item: L	7. Description: GTDC136	8. Part Number: 011-80453-00	9. Quantity: 1	10. Serial Number: 8418871	11. Status/Work: REPAIRED
<p>12. Remarks: Confirmed the return issue. Replaced the Main Board to correct the return issue. Confirmed all applicable hardware modifications are installed. Updated software to the latest version. Unit passes all tests and is operating within normal limits. OK to return to Service.</p> <p>This unit complies with the Federal Aviation Administration Airworthiness Directive (AD 2003-03-18). This unit complies with Mod 2.</p> <p>The work that was performed on this unit was done to meet the requirements of all sections of the maintenance manual (part number 170-00364-08 Rev- A/N, Revision Date 10/23/2006).</p> <p>Thank You for Choosing Garmin! If you have any questions or concerns please do not hesitate to contact our customer service department at 1-800-800-3020. Please view Garmin's web site at <a href="http://www.garmin.com">www.garmin.com</a> for any update or product information.</p>					
<p>13a. Certifies the items identified above were manufactured in conformity to:</p> <p><input type="checkbox"/> Approved design data and are in condition for safe operation</p> <p><input type="checkbox"/> Non-approved design data specified in block 12</p> <p style="text-align: center;">N / A</p>			<p>14a. <input checked="" type="checkbox"/> 14 CFR 43.9 Return to Service <input type="checkbox"/> Other regulations specified in Block 12</p> <p>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.</p>		
13b. Authorized Signature  N / A		13c. Approval/Authorization No.  N / A		14b. Authorized Signature:  Troy Clifford Schall	
13d. Name (Typed or Printed)  N / A		13e. Date (dd/mm/yyyy)  N / A		14c. Approval/Certificate No.: G6XR582Y 14d. 26 Aug 2023 Date (dd/mm/yyyy)	
<b>User/Installer Responsibilities</b>					
<p>It is important to understand that the existence of this document alone does not automatically constitute authority to install the aircraft engine/propeller/airframe.</p> <p>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 higher airworthiness authority accepts aircraft engine(s)/airframe(s) from the Airworthiness Authority of the country apoc.</p> <p>Statements in Block 13a and 14a do not constitute installation certification. In all cases, aircraft maintenance records must contain an installation certification based in accordance with the national regulations by the user/installer before the aircraft may be flown.</p>					

YEAR 20 DATE	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations 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	N621N	PA46-500TP, serial # 4697177 Aircraft Logbook
		Hobbs Hours: 2679.3		
		SWAPPED ADAHRS #1 (PN: 37002-01-02 SN: M017810) FROM PILOT SIDE TO COPILOT SIDE.		
		MOVED ADAHRS #2 (PN: 37002-01-02 SN: M007967) FROM COPILOT SIDE TO PILOT SIDE. LEAK		
		CHECKED BOTH SYSTEMS. OPS CHECK NORMAL. COMPLETED COMPASS CALIBRATION PER		
		MAINTENANCE MANUAL INSTRUCTIONS.		
		THE ABOVE WORK WAS COMPLETED IN ACCORDANCE WITH THE CURRENT REGULATIONS OF		
		THE FEDERAL AVIATION ADMINISTRATION AND IS APPROVED FOR RETURN TO SERVICE FOR		
		THE WORK ACCOMPLISHED.		
		NEXAIR AVIONICS CRS N40RØ87B		
		Signed  Benjamin Schultz		

NexAir Avionics LLC 246 SOUTH MEADOW ROAD GATE 6, HANGAR SW-1 PLYMOUTH, MA 02380  
 LOG ID# 2426 19-November-2020 WO# 6472 HOBBS 2695.3  
 N621N S/N 4697177 PIPER PA46-500TP

Pg 1 / 1

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

REINSTALLED OVERHAULED #2 TRANSPONDER GTX 330 (PN: 011-00455-00 SN: 84108771). OPS CHECK NORMAL.

NOTE: WORK ORDER 6472 ON FILE.

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

  
 N40RØ87B BENJAMIN SCHULTZ

# Shoreline AVIATION



Shoreline Aviation, Inc.

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

ratings  
number of  
entries.)

12/10/2020

N621N

PA46-500TP, serial # 4697177

Aircraft Logbook

Hobbs Hours: 2967.6 :: Aircraft TT: 2967.6

Installed a used/serviceable Yaw Computer (part # 0121, serial # 136). Checked operation per maintenance manual procedure and found operations normal.

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 *Edward J. Novak Jr.*

Edward J. Novak Jr. A+P 2632024 IA

NexAir Avionics LLC 246 SOUTH MEADOW ROAD GATE 6, HANGAR SW-1 PLYMOUTH, MA 02360  
LOG ID# 2426 19-November-2020 WOW 6472 HOBBS 2695.3  
N621N S/N 4697177 PIPER PA46-500TP

*Duplicate of Log Entry on Pg 1/1*

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

REINSTALLED OVERHAULED #2 TRANSPONDER GTX 330 (PN: 011-00455-00 SN: 84108771). OPS CHECK NORMAL.

NOTE: WORK ORDER 6472 ON FILE.

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

*Benjamin Schultz*  
N4080878 BENJAMIN SCHULTZ

YEAR  
20  
DATE

Shoreline  
AVIATION



Shoreline Aviation, Inc.

Marshfield Municipal Airport  
George Hartow Field (GH3)  
93 Old Colony Lane  
Marshfield, MA 02050

ratings  
number of  
entries.)

3/4/2021

N621N

PA46-500TP, serial # 4697177

Aircraft 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.

- 1) C/W FAR 91.207(d) on the ELT and noted no defects - next due 03/22. ELT batt is due 08/21.
- 2) Completed the following Piper recommended Special Inspections: 50 hr., 30 day, 90 day, 6 month, 1 year, main battery capacity check and L3 standby gyro battery capacity check.
- 3) C/W Piper Service Letters 1131A (lube of aileron wing quadrant bearing), 1135 (cables and pulleys inspection), 1265 (flight controls check), 1272 (elevator spar insp), 1280 (rudder bar check), 1285 (tire pressures) & 1286 (NLG Steering adjustments).
- 4) R+R post light bulbs where necessary and installed new OL-1099 bulbs in the Trim on/off switch in the upper two holes.
- 5) R+R 3 static discharge wicks with new ones (part # DD1W) (RH aileron outboard, center elevator and LH elevator inboard).
- 6) Serviced all three struts with fluid and nitrogen per strut decal instructions.
- 7) Replaced one pilot's seat back pivot bolt with a new bolt (part # AN4-22A).

I certify that this Airframe 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

**Shoreline  
AVIATION**

Shoreline Aviation, Inc.

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

PA46-500TP, serial # 4697177

Aircraft Logbook


11/3/2021 N621N

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 Meggit compass calibration to both ADAHRS with satisfactory results.

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



Edward J. Novak Jr. A+P 2832024 IA

**Shoreline  
AVIATION**

Shoreline Aviation, Inc.

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

PA46-500TP, serial # 4697177

Aircraft Logbook

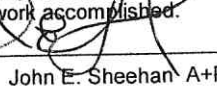
11/3/2021 N621N

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.

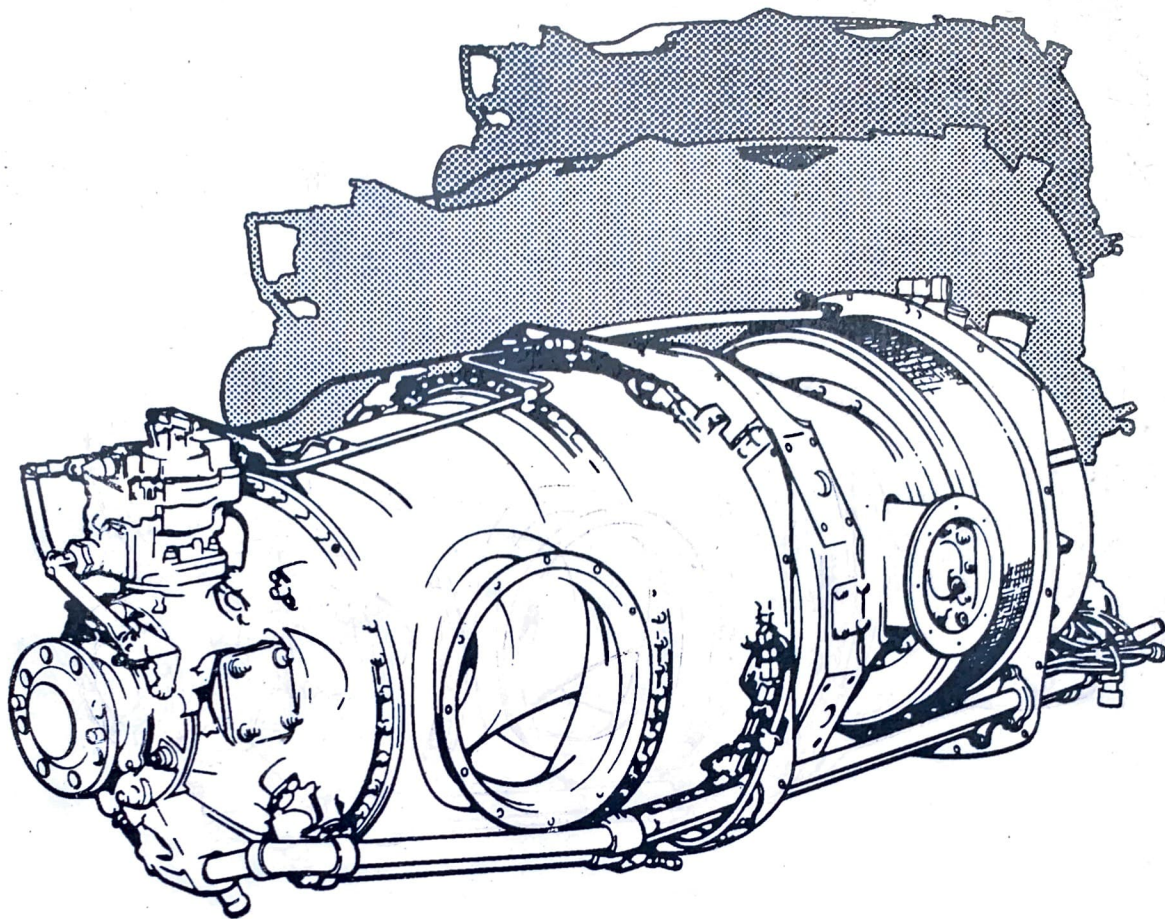
The above work was completed in accordance with current regulations of the Federal Aviation Administration and is approved for return to service for the work accomplished.

Signed

  
John E. Sheehan A+P 3439269 IA

NexAir Avionics LLC 246 SOUTH MEADOW ROAD GATE 6, HANGAR SW-1 PLYMOUTH, MA 02360  
LOG ID# 2846 03-November-2021 WO# 6991 REF# W6991 HOBBS 2798.9  
N621N S/N 4697177 PIPER PA46-500TP

[illegible]



# **ENGINE LOGBOOK**



**PT6A TURBOPROP ENGINE**

**PCE-RM0187**

**A/C SN: 4697177**



**PRATT & WHITNEY CANADA**

1. Approving national aviation authority /country - Autorité de l'aviation du pays d'approbation / pays <b>Transport Canada</b>		2. <b>AUTHORIZED RELEASE CERTIFICATE - BON DE SORTIE AUTORISÉE</b> <b>TCCA 24-0078</b>				3. Form tracking No. - Numéro de suivi du formulaire  SEE BLOCK 5	
4. Approved organization name and address - Nom et adresse de l'organisme agréé  <b>Pratt &amp; Whitney Canada</b> Une société de United Technologies/A United Technologies Company		Pratt & Whitney Canada Cie / Pratt & Whitney Canada Corp 4045 - 26 AVE. NORTH LETHBRIDGE, ALBERTA T1H 6G2				5. Work order/contract/invoice - Bon de travail/contrat /facture P.O.# 4000205008	
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 1	11. Serial/batch No. - N° de série/de lot PCE-RM0187	12. Status/work - État/travail MANUFACTURED	
13. Remarks - Remarques  CANADIAN TYPE CERTIFICATE E-12, FAA TYPE CERTIFICATE E4EA  THIS ENGINE CONFORMS TO ITS UNITED STATES TYPE DESIGN (TYPE CERTIFICATE NUMBER E4EA) AND IS IN CONDITION FOR SAFE OPERATION. THIS ENGINE HAS BEEN SUBJECTED BY THE MANUFACTURER TO A FINAL OPERATION CHECK AND IS IN A PROPER STATE OF AIRWORTHINESS.							
14. Certifies that the items identified above were manufactured in conformity to: Le présent bon certifie que les articles indiqués ci-dessus ont été construits conformément à :  <input checked="" type="checkbox"/> Approved design data and are in condition for safe operation. des données de conception approuvées et qu'ils peuvent être utilisés en toute sécurité  <input type="checkbox"/> Non Approved design data specified in block 13. - des données de conception non approuvées indiquées à la case 13.				<input type="checkbox"/> Ser 571.10 Maintenance release. - Certification après maintenance en vertu du RAC 571.10. <input type="checkbox"/> Other regulations specified in block 13. - Autre réglementation précisée à la case 13. Certifies that, except where otherwise specified in block 13, the work identified in block 12 and described in block 13 was performed in accordance with CAR 571. Le présent bon certifie que, à moins d'indication contraire apparaissant à la case 13, le travail indiqué à la case 12 et décrit à la case 13 a été effectué conformément au RAC 571.			
15. Authorized signature - Signature autorisée 		16. Certificate / Approval Ref. No. N° d'agrément/d'autorisation T.C. 4-58 NO. 031		20. Authorized signature - Signature autorisée		21. Certificate / Approval ref. No. - N° d'agrément/d'autorisation	
17. Name - Nom <b>B. HUNGERFORD</b>		18. Date (dd/mm/yyyy) <b>07 DEC 2003</b>		22. Name		23. Date (dd/mm/yyyy)	

24-0078 (12/09/2001) / P&WC 5720 (2002-08) \* Installer must cross-check eligibility with approved data - \*Le monteur doit contre-vérifier l'admissibilité avec les données approuvées

1. Le présent document n'autorise aucunement le montage de la pièce. - 1. This document does not constitute authority to install the part.

2. Si le monteur 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. - 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.

3. Les énoncés des cases 14 et 19 ne constituent en aucune façon 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'immatriculation, et ce, avant que tout vol puisse avoir lieu. - 3. Statements 14 and 19 do not constitute installation certification. In all cases the aircraft technical report 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 01 2004

Number of Cycles 5

# ENGINE SERVICE AND

DATE	TIME RUN		TIME SINCE OVERHAUL	
	HRS.	MIN.	HRS.	MIN.
BROUGHT FORWARD				
07 DEC 2003	00	00	00	00

INSTALLATIONS, INSPECTIONS,  
NOTE: USE BOTH PAGES AND AS MANY LINES AS REQUIRED FOR COMPLETE

**New engine final acceptance test and inhibiting run completed satisfactorily and is in condition for safe operation.**

**Skytech, inc.**  LOC

## LOG BOOK ENTRY

N62WM  
W/O 23069

Engine Entry  
Hobbs:160.6

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

August 17, 2004  
S/N PCE-RM0187

1. Performed a power recovery/turbine wash.

-END

MAINTENANCE RELEASE

**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. 23069 Date: August 17, 2004  
Signed [Signature] for Skytech, Inc., P.O. Box 4942, Baltimore, MD 21220 CRS LF1R294K

Signed Fred J. Oosterhoff  
Fred J. Oosterhoff

Work Order No. 23069 Date: August 17, 2004  
for Skytech, Inc., P.O. Box 4942, Baltimore, MD 21220 CRS LF1R294K

THIS ENGINE REBUILT WITH

OIL AT THE PIER FACTORY

CARRIED FORWARD

TOTAL THIS PAGE

**TOTAL FROM  
PREVIOUS SUMMARY**

TOTAL  
SINCE MFG.

# MAINTENANCE RECORD

1

REPAIRS, ADJUSTMENTS, MODIFICATIONS  
ENTRIES. DRAW A DIAGONAL LINE THROUGH ANY UNUSED LINES IN DATE AND TIME COLUMNS.

SIGNATURE

LICENCE  
NUMBER

NG/NO 34950 RPM, at 850 SHP/8V0

ITT Trim: 51.1 C°

T5 Trim Resistance: 21.8 Ohms

B. HUNGERFORD

858

*B. Hungerford*

858

T.C. 4-58  
NO. 031



N 62WM  
W/O 23070  
Cycles: 241

## LOG BOOK ENTRY

Engine Entry  
Hobbs: 241.9  
TT Engine: 241.9

P.O. Box 4942  
Baltimore, MD 21220  
(410) 574-4144  
CRS #LF1R294K  
December 17, 2004  
S/N PCE-RM0187

1. C/W annual engine inspection IAW Piper inspection guide for PA-46-500TP.
2. Polished slip rings using Scotch Brite and Aerosolve.
3. Replaced breather tube flange gasket with new gasket P/N 54026-000.
4. Replaced oil temp gasket with new gasket P/N MS35769-11.
5. Removed worn beta block and installed new P/N A3026.
6. Performed a 100 hour power recovery and turbine wash per the Piper Meridian MM chapter 12-00-00 and the P&WC MM chapter 71-00-00.
7. Adjusted alternator and compressor belt tensions IAW Piper M/M 24-30-00 and 21-50-00.
8. A/D Notes Checked to Bi-weekly 2004-25. See AD Log dated 12-17-04.
9. Performed post-inspection ground run operational and leak checks are satisfactory.

END

### 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. 23070. Date: 12/17/04  
Signed [Signature] for Skytech, Inc., P.O. Box 4942, Baltimore, MD 21220 LF1R294K

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

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

# ENGINE SERVICE AND

DATE

BROUGHT  
FORWARD



## LOG BOOK ENTRY

N 62WM  
W/O 23294

Engine Entry  
Hobbs: 293.3  
TT Engine: 293.3

P.O. Box 4942  
Baltimore, MD 21220  
(410) 574-4144  
CRS #LF1R294K  
February 24, 2005  
S/N PCE-RM0187

ETE

1. CW Piper SB 1152 - Modified Pratt fuel restrictor by installing Piper Kit P/N: 767-386. Removed fuel return hose P/N: 63901-183, and installed new P/N: 63901-209. Leak check satisfactory.
2. Removed oil pressure relief/regulating valve and installed one spacer p/n 3100614-01 for a combined total of three. Performed engine run up, 116 psi of oil pressure noted.
3. Serviced engine with 4 Qt. BP 2380 Turbo oil, per Piper M/M Ch. 12-10-00.

END

### 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. 23294. Date: 2/23/05  
Signed [Signature] for Skytech, Inc., P.O. Box 4942, Baltimore, MD 21220 LF1R294K

Page 2 of 2



## LOG BOOK ENTRY

N62WM  
W/O22559

Engine Entry  
Hobbs: 361.4

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

May 25, 2005  
S/NPCE-RM0187

1. Performed a 100 hour power recovery and turbine wash.

END

### 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. 23559. Date: 5/25/05  
Signed [Signature] for Skytech, Inc., P.O. Box 4942, Baltimore, MD 21220 CRS LF1R294K

CARRIED FORWARD

TOTAL THIS PAGE

TOTAL FROM  
PREVIOUS SUMMARY

TOTAL  
SINCE MFG.

# MAINTENANCE RECORD

2

ENTRIES. DRAW A DIAGONAL LINE THROUGH ANY UNUSED LINES IN DATE AND TIME COLUMNS.

SIGNATURE

LICENCE  
NUMBER



N62WM  
W/O 23769

## LOG BOOK ENTRY

Engine Entry  
Hobbs: 473.8, Etsn: 473.8

P.O. Box 4942  
Baltimore, MD 21220  
(410) 574-4144  
CRS #LF1R294K  
December 16, 2005  
S/N PCE-RM0187

- Performed an annual inspection of the engine per the Piper PA-46-500TP Malibu/Meridian MM Ch. 5-20-00 and the P&WC PT6A-42A MM Ch. 72-00-00.
- Performed the following time based items:
  - 6 month/12 month/400 hour propeller lubrication.
  - 100 hour power recovery and turbine wash.
  - 400 hr fuel nozzle inspection and boroscope inspection. Fuel nozzle inspection/repair performed by Prime Turbines, Inc., CRS UE5R246N, w/o W0025936.
  - 500 hour reduction gearbox scavenge screen inspection.
  - 500 hour starter/generator cleaning, inspection, and brush replacement. Inspection performed by B&S Aircraft Accessories, Inc., CRS NE2R028L, w/o R05-08752.
- Removed and replaced the starter/generator drive garlock seal.
- Installed a new gasket on the oil temp bulb.
- Installed new o-rings on the RGB oil pressure line.
- Installed a new beta block p/n A3026.
- Adjusted the air conditioner and alternator belt tensions.
- Profiled a small nick in the leading edge, mid-span, of a compressor blade.
- 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 *[Signature]* for Skytech, Inc., P.O. Box 4942, Baltimore, MD 21220

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

LF1R294K

1. Country: United States		2. Title: FAA Form 8130-3 Airworthiness Approval Tag U. S. Department of Transportation Federal Aviation Administration		3. System Tracking Ref. Number: W0025936	
4. Company: <b>PRIME TURBINES</b>		REPAIR STATION UE5R246N Barnstable Municipal Airport Hyannis, Massachusetts 02601 Tel. 508-771-4744		5. Work Order, Contract, or Invoice Number W0025936	
6. Item	7. Description	8. Part Number	9. Eligibility*	10. Qty/11. Serial/Batch	12. Status/Work
1	PRI. ADAPTER ASSY	3100456-03	N/A	7 25936	REPAIRED
2	SEC. ADAPTER ASSY	3100458-03	N/A	6 25936	REPAIRED
3	INLET ADAPTER AS	3100453-03	N/A	1 25936	REPAIRED
4	SHEATH	3119920-01	N/A	14 25936	REPAIRED
5	TUBE	3011155	N/A	28 25936	REPAIRED

13. REMARKS:  
CLEANED, INSPECTED, PRESSURE TESTED, FUNCTION TESTED AND REPAIRED AS  
NECESSARY ONE SET OF PT6 FUEL NOZZLES I/A/W P&W MAINTENANCE MANUAL P/N  
3021442 REV 38  
POST SB 3351 REV 3.

Name DON ANDERSON Date 12/05/05 Work Order# W0025936

\*Certifies that the work specified in Block 12/13 was carried out in accordance with EASA part 145 and in respect to that work, the aircraft component is in full compliance with the requirements of EASA Approval Certificate Number: EASA.145.4228.

14. Certifies the items identified above were manufactured in conformity to: <input type="checkbox"/> Approved design data and are in a condition for safe operation <input type="checkbox"/> Non-approved design data specified in Block 13		15. Signature: <i>[Signature]</i>		16. Date (m/d/y): 12/05/05	
17. Name (typed or printed): DON ANDERSON		20. Authorized Signature: <i>[Signature]</i>		21. Certificate Number: UE5R246N	
18. Date (m/d/y): 12/05/05		22. Name (typed or printed): DON ANDERSON		23. Date (m/d/y): 12/05/05	

### AIRWORTHINESS APPROVAL TAG

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 15 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.

1. Approving National Aviation Authority/Country FAA/UNITED STATES		2. Form Tracking Number R05-08752	
3. Organization Name and Address B&S Aircraft Parts & Accessories, Inc., 1414 South Mosley, Wichita, KS 67211-3398, USA		4. Form Tracking Number R05-08752	
5. Item	6. Description	7. Part Number	8. Elig*
1	STARTER GENERATOR	2005GL145Q	N/A
9. Qty	10. Qty	11. Serial/Batch#	12. Status/Work
1	1	4951	REPAIRED
13. Remarks Repaired, reference 2005GL145Q manual, Rev 6, 1/30/03. B&S Aircraft Parts & Accessories, Inc. certifies that the work specified in Blocks 12 and 13 was performed in accordance with EASA Implementation Rule part 145 approval, and with respect to that work, the aircraft component is considered ready for release to service under EASA approval number EASA.145.4228. Full details held on work order R05-08752			
14. Certifies the items identified above were manufactured in conformity to: <input type="checkbox"/> Approved design data and are in a condition for safe operation <input type="checkbox"/> Non-approved design data specified in Block 13		15. 14 CFR 43.9 Return to Service Certifies that unless specified in Block 13, the work identified in Block 12 and Regulations, part 43 and in respect to that work, the items are approved for return to service.	
16. Authorized Signature <i>[Signature]</i>		17. Approval/Certificate No NE2R028L	
18. Name (Typed or Printed) W. Kevin Schrader		19. Date (m/d/y) Dec/08/2005	
20. 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 15 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

# ENGINE SERVICE AND

DATE	TIME RUN		TIME SINCE OVERHAUL		INSTALLATIONS, INSPECTIONS, NOTE: USE BOTH PAGES AND AS MANY LINES AS REQUIRED FOR COMPLETE
	HRS.	MIN.	HRS.	MIN.	

BROUGHT FORWARD



## LOG BOOK ENTRY

N62WM  
W/O 24334

Engine Entry  
Hobbs: 710.0  
TT Engine: 710.0

P.O. Box 4942  
Baltimore, MD 21220  
(410) 574-4144  
CRS #LF1R294K  
December 27, 2006  
S/NPCE-RM018

1. Performed an annual/100 hour inspection of the engine per the Piper PA-46-500TP Malibu/Meridian MM Ch. 5-20-00 and P&WC PT6A-42A MM Ch. 72-00-00.
2. Re-installed the AGB p/n 3119974-01 s/n HTF1374P115 on the engine after repair (Pratt&Whitney Engine Services, Inc., CRS HN4D238M, w/o 143066) per the P&WC PT6A-42A MM chapter 72-60-00 and the Piper PA-46-500TP Malibu/Meridian MM chapter 72-60-00. New oil filter installed at this time.
3. Incorporated P&WC S.B. No. 3426 - Replacement/modification of the reduction gearbox scavenge line. Performed per Section 3 Accomplishment Instructions. Installed new fire seals p/n 3071986-01 and 3071987-01. SB dated June 19/2006.
4. Performed 100 hour power recovery and turbine wash.
5. Performed a 200 hour AGB scavenge screen inspection.
6. Performed a 2 Year/400 hour Fuel purge system inspection/cleaning.
7. Performed a 600 hour engine fuel pump outlet filter replacement by installing a new filter p/n AN6235-3A.
8. Performed a 600 hour fuel pump inlet screen inspection.
9. Installed a new beta block p/n A3026.
10. Installed a new adel clamp p/n MS21919WH16 on the oil breather tube.
11. A/D Notes Checked to Bi-weekly 2006-23. See AD Log dated 12-27-06.
12. Performed post-inspection ground run operational and leak checks are satisfactory.

END

### 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. 24334. Date: 12/27/06

Signed [Signature] for Skytech, Inc., P.O. Box 4942, Baltimore, MD 21220 LF1R294K

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



## LOG BOOK ENTRY

N62WM  
W/O 25094

Engine Entry  
Hobbs: 892.1

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

1. Performed a compressor turbine wash per P&WC MM chapter 71-00-00.

END

### 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. 25094. Date: October 30, 2007

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

TOTAL THIS PAGE

TOTAL FROM PREVIOUS SUMMA

TOTAL SINCE MFG.

# MAINTENANCE RECORD

3



Experience the Skytech-Advantage

P.O. Box 4942, Baltimore, Maryland 21220  
Phone: (410) 574-4144 / Fax: (410) 780-4439

RE

LICENCE  
NUMBER

## Engine Log Entry

Date: December 18, 2007  
W/O: 25017

Hobbs: 910.0  
Total Time: 910.0  
Cycles: 392  
TSO:

Registration #: N62WM  
Make/Model: PA46-500TP  
S/N: PCE-RM0187

### Performed a 100-HOUR Inspection:

- Performed an annual/100 hour inspection of the engine per the Piper PA-46-500TP Malibu/Meridian MM Ch. 5-20-00 and P&WC PT6A-42A MM Ch. 72-00-00.

### Complied with the following Special Inspections:

- 400 hr fuel nozzle inspection and boroscope inspection per the P&WC PT6A-42A MM chapters 73-10-05 and 72-00-00. Fuel nozzle inspection/repair performed by Prime Turbines, Inc., CRS# UE5R246W w/o# W0030844.
- 1000 hour Firewall inspection IAW PA46-500TP AMM 71-30-00
- Installed new oil filter P/N 3028419 IAW P&WC PT6A-42A MM Chapter 79-20-02.
- Installed new P3 filter P/N WF336238 IAW P&WC PT6A-42A MM chapter 73-10-07.
- Installed starter generator overhauled by Ametek B&S Aircraft & Accessories p/n 200SGL145Q s/n 4951 w/o R07-08036 CRS NE2R028L.
- Performed 100 hour power recovery and turbine wash per Piper PA-46-500TP Malibu/Meridian M/M Ch. 12-00-00 and P&WC M/M Ch. 71-00-00.
- Performed a 200 hour AGB scavenge screen inspection per the P&WC PT6A-42A MM chapter 72-60-00. No defects noted.

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

- N/A at this time

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

- N/A at this time

### Completed the following additional items:

- Replaced hardware in engine plenum were needed.
- Installed safety wire to the forward tach generator cannon plug back shell.
- Adjusted the air conditioner and alternator belt tensions per the Piper PA-46-500TP Malibu/Meridian MM chapters 21-50-00 and 24-30-00.
- Installed a new beta block p/n A3026 per the Piper PA-46-500TP Malibu/Meridian MM chapter 61-10-00.
- Removed old auto ignition transducer P/N 588-046 S/N 2703 and installed new auto ignition transducer P/N 588-046 S/N 3153.
- Removed corrosion from engine mount Cluster groups treated primed and painted.

I certify that this AIRCRAFT has been inspected in accordance with a 100-HOUR 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**

Signed [Signature] for Skytech, Inc., P.O. Box 4942, Baltimore, MD 21220.

CRS# LF1R294K

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

# ENGINE SERVICE AND

DATE	TIME RUN		TIME SINCE OVERHAUL		NOTE: USE BOTH PAGES AND AS MANY LINES AS REQUIRED FOR COMPLETE
	HRS.	MIN.	HRS.	MIN.	
BROUGHT FORWARD					



P.O. Box 4942, Baltimore, Maryland 21220  
Phone: (410) 574-4144 / Fax: (410) 780-4439

<b>Engine Log Entry</b>	<b>Hobbs:</b> 25550	<b>Registration #:</b> N62WM
<b>Date:</b> July 24, 2008	<b>Total Time:</b> -----	<b>Make/Model:</b> PT6A-42A
<b>W/O:</b> 25550	<b>Cycles:</b> -----	<b>S/N:</b> PCE-RM0187

- Performed 100 hour power recovery and turbine wash per Piper PA-46-500TP Malibu/Meridian M/M Ch. 12-00-00 and P&WC M/M Ch. 71-00-00.
- Inspected engine inlet for corrosion. No defects noted at this time. Applied LPS Procyon to engine inlet.
- Removed and replaced the high pressure fuel pump garlock seal p/n 3022375 with a new carrier p/n 3939937 and oring p/n AS3209-029 per Pratt & Whitney mm p/n 3021442 chapter 72-60-00. OPS checked good. No leaks noted at this time.

## 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: 25550 Date: July 24, 2008**

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

<b>Engine Log Entry</b>	<b>Hobbs:</b> 1154.7	<b>Registration #:</b> N62WM
<b>Date:</b> December 18, 2008	<b>Total Time:</b> 1154.7	<b>Make/Model:</b> PT6A-42A
<b>W/O:</b> 25532	<b>Cycles:</b> 490	<b>S/N:</b> PCE-RM0187
	<b>TSO:</b> -----	

## Performed a 100-HOUR Inspection:

- Performed an annual/100 hour inspection of the engine per the Piper PA-46-500TP Malibu/Meridian MM Ch. 5-20-00 and P&WC PT6A-42A MM Ch. 72-00-00.

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

- Performed 100 hour power recovery and turbine wash per Piper PA-46-500TP Malibu/Meridian M/M Ch. 12-00-00 and P&WC M/M Ch. 71-00-00.
- Performed a 200 hour AGB scavenge screen inspection per the P&WC PT6A-42A MM chapter 72-60-00. No defects noted.
- Performed a 500 hour reduction gearbox scavenge screen inspection.

## 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 SL 1110 Compressor turbine wash by inspecting the turbine inlet for corrosion NDN. Applied Procyon to prevent corrosion.

## Completed the following additional items:

- Adjusted the air conditioner and alternator belt tensions per the Piper PA-46-500TP Malibu/Meridian MM chapters 21-50-00 and 24-30-00. Utilized tensionmeter s/n Sky0073.
- Safety wired ECS clamps on right side of engine with .042 safety wire, IAW the Piper PA-46-500TP Meridian MM chapter 21-30-00 page 15.
- Removed trim thermo coupling s/n NR00404. Installed a new trim thermo coupling p/n 3053995CL09 s/n NR00829.

I certify that this Engine has been inspected in accordance with a **100-HOUR** 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

TOTAL THIS PAGE

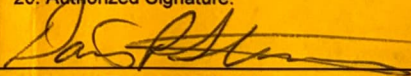
TOTAL FROM  
PREVIOUS SUMMARY

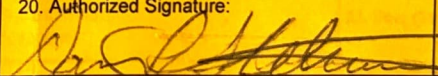
TOTAL  
SINCE MFG.

1. Approving National Aviation Authority/Country: FAA/United States		2. <b>AUTHORIZED RELEASE CERTIFICATE</b> FAA Form 8130-3, AIRWORTHINESS APPROVAL TAG				3. Form Tracking Number: W0035674	
4. Organization Name and Address:  <div style="text-align: center;"><b>PRIME  TURBINES</b></div>		REPAIR STATION UE5R246N 630 Barnstable Road Barnstable Municipal Airport Hyannis, Massachusetts 02601 Tel. 508-771-4744				5. Work Order/Contract/Invoice:  W0035674	
6. Item:	7. Description:	8. Part Number:	9. Eligibility:*	10. Quantity:	11. Serial Number:	12. Status/Work:	
1	PRI.ADAPTER ASSY.	3100456-03	N/A	7	N/A	REPAIRED	
2	SEC.ADAPTER ASSY.	3100458-03	N/A	6	N/A	REPAIRED	
3	INLET ADAPTER ASSY.	3100453-03	N/A	1	N/A	REPAIRED	
4	SHEATH	3119920-01	N/A	14	N/A	REPAIRED	
13. Remarks:  CLEANED, INSPECTED, PRESSURE TESTED, FUNCTION TESTED AND REPAIRED AS NECESSARY PT6 FUEL NOZZLES REFERENCE P&W MAINTENANCE MANUAL P/N 3021442 REV.43 SB3351 REV.3 COMPLIED WITH							
<p>"Certifies that the work specified in block 12/13 was carried out in accordance with EASA Part-145 and with respect to that work, the component is considered ready for release to service under EASA Part-145 Approval Number: EASA 145.4786."</p> <p>"Reference ED Decision 2004/04/CF, as amended by ED Decision 2007/001/CF, as applicable to the work performed."</p>							
14. Certifies the items identified above were manufactured in conformity to - <input type="checkbox"/> Approved design data and are in a condition for safe operation <input type="checkbox"/> Non-approved design data specified in Block 13			19. <input checked="" type="checkbox"/> 14 CFR 43.9 Return to Service <input checked="" type="checkbox"/> 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. Authorized Signature:		16. Approval/Authorization No:		20. Authorized Signature: <i>James P. Hays</i>		21. Certificate/Approval Ref. No: UE5R246N	
17. Name (Typed or Printed):		18. Date (m/d/y):		22. Name (Typed or Printed): JAMES P. HAYS		23. Date (m/d/y): DEC/09/2009	
User/Installer Responsibilities							
<p>This certificate does not automatically constitute authority to install the products, parts, or appliances.</p> <p>Where the user/installer performs work in accordance with regulations of a civil aviation authority different than the civil aviation authority of the country specified in Block 1, it is essential that the user/installer ensures that his/her civil aviation authority accepts items from the civil aviation authority of the country specified in Block 1.</p> <p>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.</p>							

\* Installer must cross-check eligibility with applicable technical data

N621N  
1/7/10  
Hobbs 1366.2

1. Approving National Aviation Authority/Country:  <b>FAA/UNITED STATES</b>		2.  <b>AUTHORIZED RELEASE CERTIFICATE FAA FORM 8130-3, AIRWORTHINESS APPROVAL TAG</b>		3. Form Tracking Number:  <b>12755</b>	
4. Organization Name and Address: <b>Atech Turbine Components, Inc. Repair Station: VTVR906K Repair Station VTVR906K / EASA 4178 1 St. Mark St Auburn, MA 01501 United States of America</b>				5. Work Order, Contract or Invoice Number:  <b>05257</b>	
6. Item	7. Description:	8. Part Number:	9. Eligibility: *	10. Quantity:	11. Serial/Batch Number:
1	Inner Combustion Liner	3114842-01	N/A	1	65N969
12. Status/Work: <b>SERVICEABLE</b>					
13. REMARKS CLEANED, FPI, INSPECTED FOUND TO BE SERVICEABLE IAW PWC O/H/M3021443 REV#42 JUN 19/09 SECTION 72-40-01.  <div style="text-align: right;">17621N 1/7/10 H06691366.2</div> Engine S/N: "Certifies that the work specified in block 12/13 was carried out in accordance with EASA 145 and with respect to that work the aircraft component is considered ready for release to service under EASA Acceptance Certificate Number: EASA.4178"					
14. Certifies the items identified above were manufactured in conformity to:  <input type="checkbox"/> Approved design data and are in a condition for safe operation.  <input type="checkbox"/> Non-approved design data specified in Block 13			19 <input checked="" type="checkbox"/> 14 CFR 43.9 Return to Service <input checked="" type="checkbox"/> 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. Authorized Signature:		16. Approval Authorization No:		20. Authorized Signature: 	
21. Approval/Certificate No: <b>EASA 145.4178</b>		22. Name (Typed or Printed): <b>David P. Stelmach</b>		23. Date (m/d/y): <b>Dec/15/2009</b>	
17. Name (Typed or Printed):		18. Date (m/d/y): <b>Dec/15/2009</b>		24. Date (m/d/y):	
<b>User/Installer Responsibilities</b>					
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 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.					
Statement 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.					


1. Approval Authority/Country:  <b>FAA/UNITED STATES</b>		2.  <b>AUTHORIZED RELEASE CERTIFICATE</b> <b>FAA FORM 8130-3, AIRWORTHINESS APPROVAL TAG</b>		3. Form Tracking Number:  <b>12756</b>	
4. Organization Name and Address: <b>Atech Turbine Components, Inc. Repair Station: VTVR906K</b> <b>Repair Station VTVR906K / EASA 4178</b> <b>1 St. Mark St</b> <b>Auburn, MA 01501</b> <b>United States of America</b>				5. Work Order, Contract or Invoice Number:  <b>05257</b>	
6. Item	7. Description:	8. Part Number:	9. Eligibility: *	10. Quantity:	11. Serial/Batch Number:
1	Outer Combustion Liner	3055667-01	N/A	1	64N859
12. Status/Work: <b>REPAIR</b>					
13. REMARKS WELD REPAIRED IAW PWC O/H/M3021443 REV#42 JUN 19/09 SECTION 72-40-01.  <div style="text-align: right;">N621N 1/7/10 Hobbs-1366.2</div>					
Engine S/N:  "Certifies that the work specified in block 12/13 was carried out in accordance with EASA 145 and with respect to that work the aircraft component is considered ready for release to service under EASA Acceptance Certificate Number: EASA.4178"					
14. Certifies the items identified above were manufactured in conformity to:  <input type="checkbox"/> Approved design data and are in a condition for safe operation.  <input type="checkbox"/> Non-approved design data specified in Block 13			19. <input checked="" type="checkbox"/> 14 CFR 43.9 Return to Service <input checked="" type="checkbox"/> 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. Authorized Signature:		16. Approval Authorization No:		20. Authorized Signature: 	
21. Approval/Certificate No: <b>EASA 145.4178</b>		22. Name (Typed or Printed): <b>David P. Stelmach</b>		23. Date (m/d/y): <b>Dec/15/2009</b>	
17. Name (Typed or Printed):		18. Date (m/d/y): <b>Dec/15/2009</b>		21. Approval/Certificate No: <b>VTVR906K</b>	
<b>User/Installer Responsibilities</b>					
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 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.					
Statement 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.					

1. Approving National Aviation Authority/Country:  FAA/UNITED STATES		<b>AUTHORIZED RELEASE CERTIFICATE</b> <b>FAA Form 8130-3, AIRWORTHINESS APPROVAL TAG</b>				3. Form Tracking Number:  <div style="font-size: 24pt; font-weight: bold; text-align: center;">57168</div>	
4. Organization Name and Address: <div style="display: flex; justify-content: space-between;"> <div style="width: 30%;"> <i>Dallas Airmotive</i>  <small>SBA Aviation</small> </div> <div style="width: 40%; text-align: center;">           Dallas RTC            7511 LEMMON AVE. HANGER C            DALLAS TX USA         </div> </div>		5. Work Order/Contract/Invoice Number:  Work Order 905824 /					
6. Item:	7. Description:	8. Part Number:	9. Eligibility:*	10. Quantity:	11. Serial/Batch Number:	12. Status/Work:	
1	THERMCOUPLE	3116133-01	N/A	3	NSN	OVERHAULED,	
13. Remarks: 1 3116133-01  <div style="display: flex; justify-content: space-between;"> <div style="width: 60%;">           A Complete record of the work is on file at this station under 905824 . Dallas Airmotive, Inc. certifies 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: EASA.145.4368         </div> <div style="width: 35%; text-align: right;"> <div style="font-size: 18pt; font-family: cursive;">N621N</div> <div style="font-size: 18pt; font-family: cursive;">11/7/10</div> <div style="font-size: 18pt; font-family: cursive;">Hobbs-1366.2</div> </div> </div>							
14. Certifies the items identified above were manufactured in conformity to:  <input type="checkbox"/> Approved design data and are in condition for safe operation. <input type="checkbox"/> Non-approved design data specified in Block 13.			19. <input checked="" type="checkbox"/> 14 CFR 43.9 Return to Service <input checked="" type="checkbox"/> 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. Authorized Signature:		16. Approval/Authorization No.:		20. Authorized Signature: <i>Sean P. Hutchison</i>		21. Approval/Certificate No.: YRRR491L	
17. Name (Typed or Printed):		18. Date (Mon/DD/YYYY):		22. Name (Typed or Printed): SEAN HUTCHISON		23. Date (Mon/DD/YYYY): JUN/23/2009	
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 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.							
FAA Form 8130-3 (6-01)		*Installer must cross check eligibility with applicable technical data			NSN:0052-00-012-9005		

CERTIFIED  
TRUE  
COPY

Mike Shores

12-14-09 at Y01

1. Autorité de l'aviation du pays d'approbation / pays Approving national aviation authority/ country <b>Transport Canada</b>		2. BON DE SORTIE AUTORISÉE - AUTHORIZED RELEASE CERTIFICATE <b>TCCA 24-0078</b>		3. Numéro de suivi du formulaire - Form Tracking No. <b>81292676 - 000018 1291293</b>	
4. Nom et adresse de l'organisme agréé - Approved Organization Name and Address  <b>Pratt &amp; Whitney Canada</b> Une société de United Technologies / A United Technologies Company		Pratt & Whitney Canada Cie. / Pratt & Whitney Canada Corp. 1000 boul. Marie-Victorin Longueuil, Québec Canada J4G 1A1 (450) 677-9411		5. Bon de travail/contrat/facture - Work Order/Contract/Invoice <b>2263351 156503</b>	
6. Article - Item <b>000001</b>	7. Description <b>WASHER-FLAT .155 X.240 X.035</b>	8. N° de la pièce - Part No. <b>3105135-01</b>	9. Admissibilité - Eligibility * <b>VARIOUS</b>	10. Qté - Qty <b>100 EA</b>	11. N° de série/de lot - Serial/Batch No. <b>N/A</b>
12. État / Travail - Status / Work <b>MANUFACTURED</b>					

## 13. Remarques - Remarks

Note: Les numéros de série figurant sur les étiquettes ou sur les pièces servent à 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.

**CERTIFIED  
TRUE  
COPY**  
*Mike Sharp*  
12-4-09 C.T.Y.

*N621N  
11/7/10  
Hobbs-13662*

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 dénote le niveau de révision de la pièce. Tous les niveaux de révision pour une pièce donnée sont parfaitement interchangeables. Le niveau de révision d'une pièce n'est pas requis pour ce certificat."

"The part number marked on a part may include an alpha suffix. This alpha suffix denotes the part's revision level. All revision levels for a given part number are fully interchangeable. The part's revision level is not required for this certification."

14. 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:		19. <input type="checkbox"/> Certification après maintenance en vertu du RAC 571.10 - CAR 571.10 Maintenance Release <input type="checkbox"/> Autre réglementation précisée à la case 13 - Other regulations specified in block 13.	
<input checked="" type="checkbox"/> Des données de conception approuvées et qu'ils peuvent être utilisés en toute sécurité Approved design data and are in condition for safe operation.		Le présent bon certifie que, à moins d'indication contraire apparaissant à la case 13, le travail indiqué à la case 12 est décrit à la case 13 a 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 was performed in accordance with CAR 571.	
<input type="checkbox"/> Des données de conception non approuvées indiquées à la case 13. Non approved design data specified in block 13.			
15. Signature autorisée - Authorized Signature <i>D. Latulippe</i>	16. Ref.d'autorisation - Authorisation Ref. No. (P) TCCA NO.035 <b>4 - 58</b>	20. Signature autorisée - Authorized Signature	21. Ref.d'autorisation -Authorisation Ref. No.
17.Nom - Name <b>D. Latulippe</b>	18. Date (JJ/MM/AAAA- DD/MM/YYYY) <b>08/JAN/2009</b>	22. Nom - Name	23. Date (JJ/MM/AAAA- DD/MM/YYYY)

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

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




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

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.

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.

3. Les énoncés des cases 14 et 19 ne constituent en aucune façon 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'immatriculation, et ce, avant que tout vol puisse avoir lieu.

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.

1. Autorité de l'aviation du pays d'approbation / pays Approving national aviation authority/ country		2. BON DE SORTIE AUTORISÉE - AUTHORIZED RELEASE CERTIFICATE			3. Numéro de suivi du formulaire - Form Tracking No.		
Transport Canada		TCCA 24-0078			81400499 - 000018 1394891		
4. Nom et adresse de l'organisme agréé - Approved Organization Name and Address		Pratt & Whitney Canada Cie. / Pratt & Whitney Canada Corp. 1000 boul. Marie-Victorin Longueuil, Québec Canada J4G 1A1 (450) 877-8411			5. Bon de travail/contrat/facture - Work Order/Contract/Invoice		
 <b>Pratt &amp; Whitney Canada</b> Une société de United Technologies / A United Technologies Company					2301308 179853		
6. Article - Item	7. Description	8. N° de la pièce - Part No.	9. Admissibilité - Eligibility *	10. Qté - Qty	11. N° de série/de lot - Serial/Batch No.	12. État / Travail - Status / Work	
000001	RING-SEALING, TURBINE EXHAUST DUCT	3038315	VARIOUS	17 EA	N/A	MANUFACTURED	
13. Remarques - Remarks							
Note: Les numéros de série figurant sur les étiquettes ou sur les pièces servent à 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.							
<div style="display: flex; justify-content: space-between;"> <div style="width: 45%;"> <p><b>CERTIFIED TRUE COPY</b></p> <p><i>Mike Sharp</i></p> <p><u>12-14-09 QTX1</u></p> </div> <div style="width: 45%; text-align: right;"> <p>N62/N</p> <p>1/7/10</p> <p>Hobbs 1366.2</p> </div> </div>							
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 dénote le niveau de révision de la pièce. Tous les niveaux de révision pour une pièce donnée sont parfaitement interchangeables. Le niveau de révision d'une pièce n'est pas requis pour ce certificat." "The part number marked on a part may include an alpha suffix. This alpha suffix denotes the part's revision level. All revision levels for a given part number are fully interchangeable. The part's revision level is not required for this certification."							
14. 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:			19. <input type="checkbox"/> Certification après maintenance en vertu du RAC 571.10 - CAR 571.10 Maintenance Release <input type="checkbox"/> Autre réglementation précisée à la case 13 - Other regulations specified in block 13.				
<input checked="" type="checkbox"/> Des données de conception approuvées et qu'ils peuvent être utilisés en toute sécurité Approved design data and are in condition for safe operation. <input type="checkbox"/> Des données de conception non approuvées indiquées à la case 13. Non approved design data specified in block 13.			Le présent bon certifie que, à moins d'indication contraire apparaissant à la case 13, le travail indiqué à la case 12 et décrit à la case 13 a 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 was performed in accordance with CAR 571.				
15. Signature autorisée - Authorized Signature		16. Ref.d'autorisation - Authorisation Ref. No.		20. Signature autorisée - Authorized Signature		21. Ref.d'autorisation - Authorisation Ref. No.	
		 T.C. 4-58 NO. 035 <b>4 - 58</b>		S/O - N/A		S/O - N/A	
17. Nom - Name		18. Date (JJ/MM/AAAA- DD/MM/YYYY)		23. Date (JJ/MM/AAAA- DD/MM/YYYY)			
M. Coutu		05/OCT/2009		S/O - N/A		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 cas, 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.

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.

1. Autorité de l'aviation du pays d'approbation / pays Approving national aviation authority/ country <b>Transport Canada</b>		2. BON DE SORTIE AUTORISÉE - AUTHORIZED RELEASE CERTIFICATE <b>TCCA 24-0078</b>		3. Numéro de suivi du formulaire - Form Tracking No. <b>81412785 - 000001 1406283</b>	
4. Nom et adresse de l'organisme agréé - Approved Organization Name and Address  <b>Pratt &amp; Whitney Canada</b> Une société de United Technologies / A United Technologies Company		Pratt & Whitney Canada Cie. / Pratt & Whitney Canada Corp. 1000 boul. Marie-Victorin Longueuil, Québec Canada J4G 1A1 (450) 677-9411		5. Bon de travail/contrat/facture - Work Order/Contract/Invoice <b>2305631 182466</b>	
6. Article - Item <b>000001</b>	7. Description <b>WASHER-KEY,,190X.022</b>	8. N° de la pièce - Part No. <b>MS9276-09</b>	9. Admissibilité - Eligibility <b>VARIOUS</b>	10. Qté - Qty <b>300 EA</b>	11. N° de série/de lot - Serial/Batch No. <b>N/A</b>
12. État / Travail - Status / Work <b>MANUFACTURED</b>					
13. Remarques - Remarks Note: Les numéros de série figurant sur les étiquettes ou sur les pièces servent à 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.  <div style="text-align: center;"><b>CERTIFIED TRUE COPY</b>  <b>12-14-09 &amp; 24</b></div> <div style="text-align: right;"><b>N621N</b> <b>1/7/10</b> <b>Hobbs 1366.2</b></div>					
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 dénote le niveau de révision de la pièce. Tous les niveaux de révision pour une pièce donnée sont parfaitement interchangeables. Le niveau de révision d'une pièce n'est pas requis pour ce certificat." "The part number marked on a part may include an alpha suffix. This alpha suffix denotes the part's revision level. All revision levels for a given part number are fully interchangeable. The part's revision level is not required for this certification."					
14. 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 : <input checked="" type="checkbox"/> Des données de conception approuvées et qu'ils peuvent être utilisés en toute sécurité Approved design data and are in condition for safe operation. <input type="checkbox"/> Des données de conception non approuvées indiquées à la case 13. Non approved design data specified in block 13.			19. <input type="checkbox"/> Certification après maintenance en vertu du RAC 571.10 - CAR 571.10 Maintenance Release <input type="checkbox"/> Autre réglementation précisée à la case 13 - Other regulations specified in block 13. Le présent bon certifie que, à moins d'indication contraire apparaissant à la case 13, le travail indiqué à la case 12 est 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 was performed in accordance with CAR 571.		
15. Signature autorisée - Authorized Signature 		16. Ref.d'autorisation - Authorisation Ref. No.  T.C. 4-58 NO. 03g <b>4 - 58</b>		20. Signature autorisée - Authorized Signature <b>S/O - N/A</b>	
17. Nom - Name <b>M. Coutu</b>		18. Date (JJ/MM/AAAA- DD/MM/YYYY) <b>03/NOV/2009</b>		21. Ref.d'autorisation - Authorisation Ref. No. <b>S/O - N/A</b>	
				23. Date (JJ/MM/AAAA- DD/MM/YYYY) <b>S/O - N/A</b>	

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 cas, 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.

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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.

1. Autorité de l'aviation du pays d'approbation / pays Approving national aviation authority/ country		2. <b>BON DE SORTIE AUTORISÉE - AUTHORIZED RELEASE CERTIFICATE</b>			3. Numéro de suivi du formulaire - Form Tracking No.		
<b>Transport Canada</b>		<b>TCCA 24-0078</b>			81412748 - 000015 1406204		
4. Nom et adresse de l'organisme agréé - Approved Organization Name and Address		Pratt & Whitney Canada Cie. / Pratt & Whitney Canada Corp. 1000 boul. Marie-Victorin Longueuil, Québec Canada J4G 1A1 (450) 677-9411			5. Bon de travail/contrat/facture - Work Order/Contract/Invoice		
 <b>Pratt &amp; Whitney Canada</b> Une société de United Technologies / A United Technologies Company					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 lot - Serial/Batch No.	12. État / Travail - Status / Work	
000001	WASHER-KEY,.660 X.960 X.034	3009022	VARIOUS	50 EA	N/A	MANUFACTURED	
13. Remarques - Remarks							
Note: Les numéros de série figurant sur les étiquettes ou sur les pièces servent à 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.							
<div style="display: flex; justify-content: space-between;"> <div style="width: 45%;"> <p><b>CERTIFIED TRUE COPY</b></p> <p><i>Mike Sharp</i></p> <p><u>12-14-09 ety1</u></p> </div> <div style="width: 45%; text-align: right;"> <p>N621N</p> <p>1/7/10</p> <p>Hobbs 1366.2</p> </div> </div>							
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 dénote le niveau de révision de la pièce. Tous les niveaux de révision pour une pièce donnée sont parfaitement interchangeables. Le niveau de révision d'une pièce n'est pas requis pour ce certificat." "The part number marked on a part may include an alpha suffix. This alpha suffix denotes the part's revision level. All revision levels for a given part number are fully interchangeable. The part's revision level is not required for this certification."							
14. 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:			19. <input type="checkbox"/> Certification après maintenance en vertu du RAC 571.10 - CAR 571.10 Maintenance Release <input type="checkbox"/> Autre réglementation précisée à la case 13 - Other regulations specified in block 13.				
<input checked="" type="checkbox"/> Des données de conception approuvées et qu'ils peuvent être utilisés en toute sécurité Approved design data and are in condition for safe operation.  <input type="checkbox"/> Des données de conception non approuvées indiquées à la case 13. Non approved design data specified in block 13.			Le présent bon certifie que, à moins d'indication contraire apparaissant à la case 13, le travail indiqué à la case 12 et décrit à la case 13 a 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 was performed in accordance with CAR 571.				
15. Signature autorisée - Authorized Signature		16. Ref.d'autorisation - Authorisation Ref. No.		20. Signature autorisée - Authorized Signature		21. Ref.d'autorisation - Authorisation Ref. No.	
		 <b>4 - 58</b>		S/O - N/A		S/O - N/A	
17. Nom - Name		18. Date (JJ/MM/AAAA- DD/MM/YYYY)		22. Date (JJ/MM/AAAA- DD/MM/YYYY)		23. Date (JJ/MM/AAAA- DD/MM/YYYY)	
<b>M. Coutu</b>		03/NOV/2009		S/O - N/A		S/O - N/A	

24-0078 (12-09-2001) - P&WC 5720 (2008-03) \* Le moteur 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 cas, 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.

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.

P&WC JR3-6836-E (2008-03)

1. Autorité de l'aviation du pays d'approbation / pays Approving national aviation authority/ country <b>Transport Canada</b>		2. <b>BON DE SORTIE AUTORISÉE - AUTHORIZED RELEASE CERTIFICATE</b>  <b>TCCA 24-0078</b>		3. Numéro de suivi du formulaire - Form Tracking No. <b>81412783 - 000041</b> <b>1406403</b>	
4. Nom et adresse de l'organisme agréé - Approved Organization Name and Address  <b>Pratt &amp; Whitney Canada</b> Une société de United Technologies/A United Technologies Company		Pratt & Whitney Canada Cie. / Pratt & Whitney Canada Corp. 1000 boul. Marie-Victorin Longueuil, Québec Canada J4G 1A1 (450) 677-9411		5. Bon de travail/contrat/facture - Work Order/Contract/Invoice  <b>2305631</b> <b>182466</b>	
6. Article - Item  000001	7. Description  GASKET-4.420 BOLT CIRCLE,8 HOLE	8. N° de la pièce - Part No.  3116033-01	9. Admissibilité - Eligibility *  VARIOUS	10. Qté - Qty  12 EA	11. N° de série/de lot - Serial/Batch No.  N/A
12. État / Travail - Status / Work  MANUFACTURED					
13. Remarques - Remarks  Note: Les numéros de série figurant sur les étiquettes ou sur les pièces servent à 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.  <div style="display: flex; justify-content: space-between;"> <div style="width: 45%;"> <p><b>CERTIFIED TRUE COPY</b></p> <p><i>Mike Sharp</i></p> <p><u>12-14-09 Cty</u></p> </div> <div style="width: 45%; text-align: right;"> <p>N621N</p> <p>1/7/10</p> <p>Hobbs 1366.2</p> </div> </div>					
<p>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.</p> <p>"Le numéro de pièce identifié sur la pièce peut inclure un suffixe alphabétique. Ce suffixe alphabétique dénote le niveau de révision de la pièce. Tous les niveaux de révision pour une pièce donnée sont parfaitement interchangeables. Le niveau de révision d'une pièce n'est pas requis pour ce certificat."</p> <p>"The part number marked on a part may include an alpha suffix. This alpha suffix denotes the part's revision level. All revision levels for a given part number are fully interchangeable. The part's revision level is not required for this certification."</p>					
14. 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 :  <input checked="" type="checkbox"/> Des données de conception approuvées et qu'ils peuvent être utilisés en toute sécurité Approved design data and are in condition for safe operation.  <input type="checkbox"/> Des données de conception non approuvées indiquées à la case 13. Non approved design data specified in block 13.			19. <input type="checkbox"/> Certification après maintenance en vertu du RAC 571.10 - CAR 571.10 Maintenance Release <input type="checkbox"/> Autre réglementation précisée à la case 13 - Other regulations specified in block 13. Le présent bon certifie que, à moins d'indication contraire apparaissant à la case 13, le travail indiqué à la case 12 est 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 was performed in accordance with CAR 571.		
15. Signature autorisée - Authorized Signature  <i>M. Coutu</i>		16. Ref. d'autorisation - Authorisation Ref. No.  T.C. 4-58 NO. 03g 4 - 58		20. Signature autorisée - Authorized Signature  S/O - N/A	
17. Nom - Name  M. Coutu		18. Date (JJ/MMM/AAAA- DD/MMM/YYYY)  03/NOV/2009		21. Ref. d'autorisation - Authorisation Ref. No.  S/O - N/A	
				23. Date (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 cas, 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.

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# MAINTENANCE RECORD

4



P.O. Box 4942, Baltimore, Maryland 21220  
Phone: (410) 574-4144 / Fax: (410) 780-4439

LICENCE  
NUMBER

<b>Engine Log Entry</b>	<b>Hobbs:</b> 1252.4	<b>Registration #:</b> N62WM
<b>Date:</b> May 20, 2009	<b>Total Time:</b> 1252.4	<b>Make/Model:</b> PT6A-42A
<b>W/O:</b> 26068	<b>Cycles:</b> 544	<b>S/N:</b> PCE-RM0187

- Inspected engine compressor section inlet housing for corrosion and treated with LPS corrosion inhibitor IAW Piper SL 1110 - Pratt & Whitney SIL No. PT6A-144R1 Compressor Turbine Wash Preventive Maintenance dated February 8, 2008 and P&WC PT6A-42A MM chapter 72-20-00. No corrosion noted at this time.
- Performed engine boroscope inspection IAW P&WC MM chapter 72-00-00, NDN.
- Installed new safety on auto-feather pressure switch electrical connector using .025 inch lockwire.
- Installed new alternator cooling hose adel p/n MS21919WH16.

## 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: 26068 Date: May 20, 2009**

Signed *[Signature]* for Skytech, Inc., P.O. Box 4942, Baltimore, MD 21220.

CRS# LF1R294K

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

<b>N#:</b> N621N	<b>Ser. #:</b> 4697177	<b>Eng TT:</b> 1366.2
<b>Date:</b> 01-07-2010	<b>Hobbs:</b> 1366.2	<b>ACTT:</b> 1366.2
		<b>TCSN:</b> 1366

Completed Annual insp. per FAR 43, app. D using Piper forms for Event #1 & #2 insps. from chapt. 5 of the MM as a guide. Drained oil - Added 10 qts. BP2380 engine oil. Completed 400 hr. fuel nozzle R+R - see 8130-1 form this date for details. Borescope inspection completed as part of the above 400 hr. insp. revealed excessive cracking of the combustion liner. Engine was split at "C" flange for removal of the combustion liner for repair. C.T. blade tip clearances checked per MM chapt. 72-50-02 (6)(A) and were measured at .008" to .013". Combustion liner crack repairs completed by A-Tech Turbine Components (see attached 8130-1 forms for details). Liners reinstalled per MM chapt. 72-40-01 (D). Some light localized CT shroud segments grinding was completed at the 4 o'clock position per MM chapt 75-50-01 due to evidence of blade tip material transfer. C.T. reinstalled per MM chapt. 72-50-02 (B). One O/H ITT probe installed (p/n 3116133-01). Power section reinstalled per MM chapt. 72-00-00 (8)(B). Compressor

performance recovery wash and CT water washes both completed. Engine air inlet area coated with LPS Procyon coating to prevent corrosion. Completed 200 hr. A.G.B. screen insp. 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 insp. and was determined to be in airworthy condition.

*Two new 10-390667-1 ignitor were installed, E. Novak A/P 2832024 JA*

MAXI

*[Signature]*  
Edward J. Novak Jr. A/P 2832024 JA

# ENGINE SERVICE AND

DATE	TIME RUN		TIME SINCE OVERHAUL		INSTALLATIONS, INSPECTIONS, <small>NOTE: USE BOTH PAGES AND AS MANY LINES AS REQUIRED FOR COMPLETE</small>
	HRS.	MIN.	HRS.	MIN.	
BROUGHT FORWARD					

October 1, 2010

1513.3 Hobbs

Recovered aircraft from hangar. Installed wash equipment. Conducted motoring run and injected wash solution. Waited one half hour and conducted motoring run and injected deionized water. Removed wash equipment. Conducted engine drying run to 80% NG. No defects noted. Returned aircraft to hangar.

John Dupre'

2334833 A&P

Signature Flight Support  
Hangar 1274 Robbins Street  
Hanscom Field  
Bedford, Massachusetts 01730

N621N

Hobbs: 1434.9

May 7, 2010

Complied with power recovery wash and rinse in accordance with P&WC PT6 MM Chapter 71-10-00. Removed P3 filter during wash. Installed and safetied P3 filter after wash. Ran engine to 80% for one minute.

John Dupre'

2334833A&P

Signature Flight Support  
Hangar 1724 Robins Street  
Hanscom Field  
Bedford, Massachusetts 01730

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

N# N621N

Ser. #: 4697177 *ACTT - 1554.8*

Date: 01-31-2011 Hobbs: 1554.8 *Eng. TT - 1554.8*

Completed Annual insp. per FAR 43, app. D using Piper forms for Event #1 & #2 insps. from chapt. 5 of the MM as a guide. Added 2 qts. BP2380 engine oil. Retensioned the alternator drive belt. Completed performance recovery wash and C.T. water wash per the maint. manual. 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 insp. and was determined to be in airworthy condition.

John E. Sheehan A+P 3439269 IA

CARRIED FORWARD

TOTAL THIS PAGE

TOTAL FROM  
PREVIOUS SUMMARY

TOTAL  
SINCE MFG.

## Aircraft Maintenance Record

*Signature*  
FLIGHT SUPPORT  
BBA Aviation

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 *Kelvin Wiebe*

Certificate Type/No.: A&P 2841895

- [ 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."
- [ ] "I certify that this Aircraft has been inspected in accordance with the inspection(s) described above, and was determined to be in airworthy condition."
- [ ] "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."

N621N ACT 1753.2

## AUTHORIZED RELEASE CERTIFICATE

FAA Form 8130-3, AIRWORTHINESS APPROVAL TAG

1. Approving National Aviation Authority/Country: FAA/United States		2. <b>AUTHORIZED RELEASE CERTIFICATE</b> FAA Form 8130-3, AIRWORTHINESS APPROVAL TAG				3. Form Tracking Number: W0041223	
4. Organization Name and Address:  <b>PRIME TURBINES</b>		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	PRI. ADAPTER ASSY.	3100456-03	N/A	7	N/A	REPAIRED	
2	SEC. ADAPTER ASSY.	3100458-03	N/A	6	N/A	REPAIRED	
3	INLET ADAPTER ASSY.	3100453-03	N/A	1	N/A	REPAIRED	
4	SHEATH	3119920-01	N/A	14	N/A	REPAIRED	

## 13. Remarks:

CLEANED, INSPECTED, PRESSURE TESTED, FUNCTION TESTED AND REPAIRED AS  
NECESSARY PT6 FUEL NOZZLES REFERENCE P&W MAINTENANCE MANUAL P/N  
3021442 REV. 45  
SB3351 REV.3 COMPLIED WITH

"Certifies that the work specified in block 12/13 was carried out in accordance with EASA Part-145 and with respect to that work, the component is considered ready for release to service under EASA Part-145 Approval Number: EASA 145.4786."

"Reference ED Decision 2004/04/CF, as amended by ED Decision 2007/001/CF, as applicable to the work performed."

14. Certifies the items identified above were manufactured in conformity to - <input type="checkbox"/> Approved design data and are in a condition for safe operation <input type="checkbox"/> Non-approved design data specified in Block 13		19. <input checked="" type="checkbox"/> 14 CFR 43.9 Return to Service 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. Authorized Signature:	16. Approval/Authorization No:	20. Authorized Signature: <i>James P. Hays</i>	21. Certificate/Approval Ref. No: UE5R246N
17. Name (Typed or Printed):	18. Date (m/d/y):	22. Name (Typed or Printed): JAMES P. HAYS	23. Date (m/d/y): JAN/27/2012


## User/Installer Responsibilities

This certificate does not automatically constitute authority to install the products, parts, or appliances.

Where the user/installer performs work in accordance with regulations of a civil aviation authority different than the civil aviation authority of the country specified in Block 1, it is essential that the user/installer ensures that his/her civil aviation authority accepts items from the civil aviation 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.

\* Installer must cross-check eligibility with applicable technical data

1. Approving National Aviation Authority/Country: FAA/United States		2. <b>AUTHORIZED RELEASE CERTIFICATE</b> FAA Form 8130-3, AIRWORTHINESS APPROVAL TAG				3. Form Tracking Number: W0039277 D	
4. Organization Name and Address:  <b>PRIME TURBINES</b>				REPAIR STATION UE5R246N 630 Barnstable Road Barnstable Municipal Airport Hyannis, Massachusetts 02601 Tel. 508-771-4744		5. Work Order/Contract/Invoice:  W0039277	
6. Item:	7. Description:	8. Part Number:	9. Eligibility:*	10. Quantity:	11. Serial Number:	12. Status/Work:	
1	TUBE	3011155	N/A	312	NA	OVERHAULED	
13. Remarks:  CLEANED AND INSPECTED. REFERENCE P&W OVERHAUL MANUAL P/N 3021243 REV 38. FOUND TO BE IN OVERHAUL CONDITION.							
<p>"Certifies that the work specified in block 12/13 was carried out in accordance with EASA Part-145 and with respect to that work, the component is considered ready for release to service under EASA Part-145 Approval Number: EASA 145.4786."</p> <p>"Reference ED Decision 2004/04/CF, as amended by ED Decision 2007/001/CF, as applicable to the work performed."</p>							
14. Certifies the items identified above were manufactured in conformity to: <input type="checkbox"/> Approved design data and are in a condition for safe operation <input type="checkbox"/> Non-approved design data specified in Block 13			19. <input checked="" type="checkbox"/> 14 CFR 43.9 Return to Service <input checked="" type="checkbox"/> 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. Authorized Signature:		16. Approval/Authorization No:		20. Authorized Signature: 		21. Certificate/Approval Ref. No: UE5R246N	
17. Name (Typed or Printed):		18. Date (m/d/y):		22. Name (Typed or Printed): ROBERT PINEO		23. Date (m/d/y): MAY/10/2011	
User/Installer Responsibilities							
<p>This certificate does not automatically constitute authority to install the products, parts, or appliances.</p> <p>Where the user/installer performs work in accordance with regulations of a civil aviation authority different than the civil aviation authority of the country specified in Block 1, it is essential that the user/installer ensures that his/her civil aviation authority accepts items from the civil aviation authority of the country specified in Block 1.</p> <p>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.</p>							

\* Installer must cross-check eligibility with applicable technical data

# MAINTENANCE RECORD

5

REPAIRS, ADJUSTMENTS, MODIFICATIONS  
ENTRIES. DRAW A DIAGONAL LINE THROUGH ANY UNUSED LINES IN DATE AND TIME COLUMNS.

SIGNATURE

LICENCE  
NUMBER

April 26, 2011

1613.7 Hobbs

Conducted PT6A compressor power recovery wash in accordance with Piper PA46-500TP maintenance manual. Performed drying run to 80% Ng.

John Dupré



2334833 A&P

Signature TechnicAir  
1724 Robins Street  
Hangar 3 Hanscom Field  
Bedford, Massachusetts 01730

June 9, 2011

1648.1 Hobbs

Installed wash equipment. Conducted motoring run and injected wash solution. Waited one half hour and conducted motoring run and injected de-ionized water. Removed wash equipment. Conducted engine drying run to 80% NG. Replaced on lamp in trim switch.

John Dupré



2334833 A&P

Signature TechnicAir  
1724 Robins Street Hangar 3  
Hanscom Field  
Bedford, Massachusetts 01730

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

21N

Ser. #: 4697177

Eng TT: 1753.2

2-04-2012

Hobbs: 1753.2

ACTT: 1753.2

Completed Annual insp. per FAR 43, app. D using Piper forms for Event #1 & #2 insps. from chapt. 5 of the MM as a guide. C/W 400 hr. fuel nozzle recert. - see attached 8130-3 form for details. Completed borescope insp. of CT blades and combustion liner - 4 combustion liner cooling ring cracks were noted which are OK to remain in service per the eng. maint. manual - reinspection is recommended at 100 hr. intervals. Completed performance recovery compressor wash and CT blade water wash. Recoated the air inlet area with LPS Procyon where necessary. Adjusted idle speed to 64.5%. 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 insp. and was determined to be in airworthy condition.

John E. Sheehan A+P 16603796 IA

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

# ENGINE SERVICE AND

**Shoreline  
AVIATION**

Shoreline Aviation, Inc.

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

Engine 1 Logbook

2/1/2013

N621N

PA46-500TP, serial # 4697177

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 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 attached 8130-3 form.
- 3) R+R starter/generator (part # 200SGL145Q, serial # 4951) after overhaul - see 8130-3 form in the airframe manual for details.
- 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

Signed

John E. Sheehan A+P 3439269 IA

**Shoreline  
AVIATION**

Shoreline Aviation, Inc.

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

Engine Logbook

10/30/2013

N621N

PA46-500TP, serial # 4697177

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

Edward J. Novak Jr. A+P 2832024 IA

CARRIED FORWARD

TOTAL THIS PAGE

TOTAL FROM  
PREVIOUS SUMMARY

TOTAL  
SINCE MFG.

1. Approving National Aviation Authority/Country:  FAA/UNITED STATES		<b>AUTHORIZED RELEASE CERTIFICATE</b> <b>FAA Form 8130-3, AIRWORTHINESS APPROVAL TAG</b>				3. Form Tracking Number:  <div style="font-size: 24pt; font-weight: bold; text-align: center;">69561</div>	
4. Organization Name and Address: International Governor Services LLC 7290 W 118TH PLACE BROOMFIELD CO US ( IG0R976N )		5. Work Order/Contract/Invoice Number:  Work Order 1419401 /					
6. Item:	7. Description:	8. Part Number:	9. Eligibility:*	10. Quantity:	11. Serial/Batch Number:	12. Status/Work:	
1	HONEYWELL FUEL CONTROL	4138014-1	N/A	1	C82003 PP23786-1	REPAIRED,	
13. Remarks: <div style="display: flex; justify-content: space-between;"> <div style="width: 60%;">           1 Performed Honeywell SIB-087 and recalibrated I.A.W. Honeywell manual 73-20-35 Rev 1 (2/90)            Complied with Honeywell SB# 4138014-73-2            TSO- UNK             A Complete record of the work is on file at this station under 1419401. International Governor Service certifies 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         </div> <div style="width: 35%; text-align: right;"> <div style="font-family: cursive; font-size: 1.2em;">             N621N              Hobbs 1928.3              TSN: 1928.3           </div> </div> </div>							
14. Certifies the items identified above were manufactured in conformity to:  <input type="checkbox"/> Approved design data and are in condition for safe operation. <input type="checkbox"/> Non-approved design data specified in Block 13.			19. <input checked="" type="checkbox"/> 14 CFR 43.9 Return to Service <span style="float: right;"><input checked="" type="checkbox"/> Other regulation specified in Block 13</span>  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. Authorized Signature:		16. Approval/Authorization No.:		20. Authorized Signature:		21. Approval/Certificate No.:	
						IG0R976N	
17. Name (Typed or Printed):		18. Date (Mon/DD/YYYY):		22. Name (Typed or Printed):		23. Date (Mon/DD/YYYY):	
				CHAD QUEEN		JAN/22/2013	
User/Installer Responsibilities							
<p>It is important to understand that the existence of this Document alone does not automatically constitute authority to install the part/component/assembly.</p> <p>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.</p> <p>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.</p>							
FAA Form 8130-3 (6-01)		*Installer must cross check eligibility with applicable technical data				NSN:0052-00-012-9005	

1. Approving National Aviation Authority/Country <b>FAA/United States</b>		2. <b>AUTHORIZED RELEASE CERTIFICATE</b> FAA FORM 8130-3, AIRWORTHINESS APPROVAL TAG				3. FORM TRACKING NUMBER: <b>MVWF0100</b>	
4. ORGANIZATION NAME and ADDRESS: <b>WESTERN FILTER CORP. PQ1847NM 26235 TECHNOLOGY DR. VALENCIA, CA. 91355</b>				5. WORK ORDER, CONTRACT, OR INVOICE NUMBER <b>20037331</b>			
6. ITEM	7. DESCRIPTION	8. PART NUMBER	9. ELIGIBILITY	10. QUANTITY	11. SERIAL / BATCH NO.	12. STATUS / WORK	
1	COMPRESSOR AIR FILTER ELEMENT	P/N: WF336238	N/A	245	N/A 14621N H0665 19283	NEW	
13. REMARKS: AIRWORTHINESS APPROVAL WF336238 REV. A, 9/9/99, LOT # 50091504, 4Q05, "THIS PMA PART IS NOT A CRITICAL COMPONENT" —END—							
14. Certifies the items identified above were manufactured in conformity to:  <input checked="" type="checkbox"/> Approved design data and are in a condition for safe operation. <input type="checkbox"/> Non-approved design data specified in Block 13				19. <input type="checkbox"/> 14 CFR 43.9 Return to Service <input type="checkbox"/> 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. Signature: <i>Marie E. Vinaja</i>		16. FAA Authorization No.: DMIR602414NM		20. Authorized Signature:		21. Certificate Number:	
17. Name (typed or printed): MARIE E VINAJA		18. Date: MARCH, 21, 2007		22. Name (typed or printed):		23. Date:	

#### 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.

TRUE  
CERTIFIED COPY

# MAINTENANCE RECORD

**Shoreline  
AVIATION**

Shoreline Aviation, Inc.

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

ENTRIES

2/25/2014

N621N

PA46-500TP, serial # 4697177

Engine 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) 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.

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

Signed

John E. Sheehan A+P 3439269 IA

**Shoreline  
AVIATION**

Shoreline Aviation, Inc.

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

3/17/2015

N621N

PA46-500TP, serial # 4697177

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. Re-coated the engine air inlet case with LPS Procyon corrosion preventative compound where necessary.
- 2) R+R all 14 fuel nozzles after flow checks and recertification by Prime Turbines - see the attached 8130-3 form for more details. Completed borescope inspection to the engine combustion section per the engine maintenance manual and noted no abnormal or unserviceable conditions.
- 3) C/W Pratt & Whitney bulletin 3425 on the torque limiter and noted no looseness - no further action is required.
- 4) R+R beta block with a new one (part # 758-735).
- 5) Ground runup and functional checks 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

Signed

John E. Sheehan A+P 3439269 IA

**Shoreline  
AVIATION**

Shoreline Aviation, Inc.

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

9/18/2015

N621N

PA46-500TP s/n 4697177

Engine Logbook


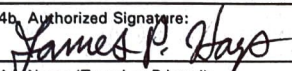
Hobbs Hours: 2195.0 :: Aircraft TT: 2195.0

- 1) Reinstalled oil to fuel heater p/n 10585J-K s/n WA20138 after overhaul by Pacific Oil Cooler Service Inc. CRS RF3R813L. See FAA form 8103-3 for more info.
- 2) 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. Sheehan A+P 3439269 IA

1. Approving Civil Aviation Authority/Country: FAA/United States		2.		<b>AUTHORIZED RELEASE CERTIFICATE</b> FAA Form 8130-3, AIRWORTHINESS APPROVAL TAG		3. Form Tracking Number: W0050744	
4. Organization Name and Address:  <div style="display: flex; align-items: center; justify-content: center;">  </div>				REPAIR STATION UE5R246N 630 Barnstable Road Barnstable Municipal Airport Hyannis, Massachusetts 02601 Tel. 508-771-4744		5. Work Order/Contract/Invoice:  W0050744 <div style="text-align: right; font-family: cursive;">         N621N          3/17/15       </div>	
6. Item:	7. Description:	8. Part Number:	9. Quantity:	10. Serial Number:	11. Status/Work:		
1	PRI.ADAPTER ASSY.	3100456-03	7	N/A	REPAIRED		
2	SEC.ADAPTER ASSY.	3100458-03	6	N/A	REPAIRED		
3	INLET ADAPTER ASSY.	3100453-03	1	N/A	REPAIRED		
4	SHEATH	3119920-01	14	N/A	REPAIRED		
12. Remarks: CLEANED, INSPECTED, PRESSURE TESTED, FUNCTION TESTED AND REPAIRED AS NECESSARY PT6 FUEL NOZZLES REFERENCE P&W MAINTENANCE MANUAL P/N 3021442 REV.49 SB3351 REV.3 COMPLIED WITH  "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 component is considered ready for release to service under EASA Part-145 Approval Number: EASA 145.4786." "The applicable provisions of Annex 1 to the Bilateral Agreement provide the basis for all automatically approved data, as applicable to the work performed."							
13a. Certifies the items identified above were manufactured in conformity to - <input type="checkbox"/> Approved design data and are in a condition for safe operation <input type="checkbox"/> Non-approved design data specified in Block 12				14a. <input checked="" type="checkbox"/> 14 CFR 43.9 Return to Service <input type="checkbox"/> 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.			
13b. Authorized Signature:		13c. Approval/Authorization No:		14b. Authorized Signature:		14c. Certificate/Approval Ref. No:	
						UE5R246N	
13d. Name (Typed or Printed):		13e. Date (dd/mm/yyyy):		14d. Name (Typed or Printed):		14e. Date (dd/mm/yyyy):	
				JAMES P. HAYS		10/MAR/2015	
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 accordance with the national regulations by the user/installer before the aircraft may be flown.							

09-18-15 N621N ACT 2195.0

1. Approving Civil Aviation Authority / County: <b>FAA / United States</b>		2. <b>AUTHORIZED RELEASE CERTIFICATE</b> FAA Form 8130-3, AIRWORTHINESS APPROVAL TAG		3. Form Tracking Number: <b>109537</b>	
4. Organization Name and Address: <b>Pacific Oil Cooler Service, Inc. 1677 Curtiss Court, La Verne, CA</b>		F.A.A RF3R813L <b>91750</b>		5. Work Order/Contact/Invoice No <b>109537</b>	
6. Item:	7. Description:	8. Part Number:	9. Quantity:	10. Serial Number:	11. Status/Work:
1	FUEL HEATER	10585J-K 3057249-01	1	WA20138	OVERHAULED
12. Remarks: Work Order Number (Block 5) describing the actual work performed is attached. The described work was performed in accordance with Manufacturer's Specification. (See Work Order) No applicable Airworthiness Directives work / status. Certifies that the work specified in Blocks 11/12 was carried out in accordance with EASA part 145, and with respect to that work, the component is considered ready for release to service under EASA part 145 Approval Number: EASA.145.5554 FINAL RESULT: OVERHAUL IAW CMM 73-10-04 DATED APR 19/00.					
13a. Certified the items identified above were manufactured in conformity to: <input type="checkbox"/> Approved design data and are in a condition for safe operation <input type="checkbox"/> Non-approved design data specified in Block 12.			14a. <input checked="" type="checkbox"/> 14 CFR 43.9 Return to Service <input checked="" type="checkbox"/> 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.		
13b. Authorized Signature:		13c. Approval /Authorization No:		14b. Authorized Signature:	
13d. Name (Type or Print):		13e. Date (dd/mm/yyyy):		14c. Approval/Certificate <b>RF3R813L</b>	
				14d. Name (Type or Print): <b>Danny Fernandez</b>	
				14e. Date (dd/mm/yyyy): <b>16/Sep/2015</b>	
<b>User / Installer Responsibilities</b>					
It is important that the existence of the document alone does not automatically constitute authority to install the aircraft engine/propeller/article. When the user / installer performs the 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 that 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 Block 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.					

**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:

**OVERHAUL**

W/O DATE:

**09/08/2015****Customer Information:**

Name: **SHORELINE AVIATION, INC.**  
Address: **MARSHFIELD, MA 02050**  
Contact: **ED**

PO / Ref Number: **02050**

Location:

Phone: **781-837-8521**

Component Information: Qty: **1** Type: **FUEL HEATER**  
P/N: **10585J-K** Alt. P/N: **3057249-01**

Mfg: **S/W**  
S/N: **WA20138**

Special Instructions: Data Plate? **Yes** 7th Stud? **No** Manual Location: **#7** Bin Location: **8040**

**WANTS OVERNIGHT AM DELIVERY.****Attached Thermal Element P/N: 727590, S/N: 2005 RED TAGGED AND REMOVED.****FN RETROFIT KIT P/N: G727596 WO# 104853**

Items Attached to Component:

Fittings:



Valve Body:

S/N:

Vernatherm:

S/N:

Vernatherm:

S/N:

Task Description:	Work Performed	Tech:	Insp:
INIT INSPECTION	Initial Inspection	FS	I3
INSP CRACKS - LEAKS	Inspect Unit for cracks and leaks	JD	I3
DISASSEMBLY	Dissassemble as required	JD	I3
TEMP CHECK	COLD: 2426 HOT: 2426 TRAVEL: 0 FAIL	JD	I3
VAPOR DEGREASER	Clean Inside and Outside	JD	I3
BI DIRECTION FLUSH	Flush Both Directions	JD	I3
FLUSH HV	High Volume Flush	JD	I3
SEALS - O RINGS	Seals - O Rings - Replace as required	JD	I3
BEAD BLAST	Bead Blast	JD	I3
FINAL PRESSURE TEST	Final Pressure Test	JD	I3
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:


**SEP 16 2015**

FINAL INSPECTION PERFORMED BY:

DATE:

09-18-15

N6021N Aft 21950

1. Approving Civil Aviation Authority/Country: <b>FAA/UNITED STATES</b>		2. <b>AUTHORIZED RELEASE CERTIFICATE</b> <b>FAA Form 8130-3, AIRWORTHINESS APPROVAL TAG</b>			3. Form Tracking Number: <b>85202979-10-1</b>	
4. Organization Name and Address: Meggitt (Troy), Inc. 3 Industrial Drive Troy, IN 47588				5. Work Order/Contract/Invoice Number: PO #: 7099 Item:		
6. Item:	7. Description:	8. Part Number:	9. Quantity:	10. Serial Number:	11. Status/Work:	
1	RETRO KIT 10585J TOK FAA/PMA APP	G727596	1 EA	14926	NEW	
12. Remarks: AIRWORTHINESS APPROVAL  CPN: G727596-NE  This part is not a critical component. This part is produced by the STC design approval holder under FAA-PMA authorization.  FAA PMA to the following model(s): FAA PMA-10585K						
13a. Certifies the items identified above were manufactured in conformity to:  <input checked="" type="checkbox"/> Approved design data and are in a condition for safe operation.  <input type="checkbox"/> Non-approved design data specified in Block 12.			14a. <input type="checkbox"/> 14 CFR 43.9 Return to Service <input type="checkbox"/> Other regulation specified in Block 12  <i>The electronic signature in the approval for return-to-service block meets the requirements of the Repair Station Operating Specification.</i>  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.			
13b. Authorized Signature:  		13c. Approval/Authorization No.: <b>507284561</b>		14b. Authorized Signature:		
13d. Name(Typed or Printed): <b>JOHN PRYOR</b>		13e. Date(dd/mm/yyyy): <b>10 DEC 2014</b>		14c. Approval/Certificate No.:		
14d. Name(Typed or Printed):		14e. Date(dd/mm/yyyy):				
<b>User/Installer Responsibilities</b>						
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 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						

# Certificate of conformance

MEGGITT

Page 1 of 1

Certificate# 85202979 - 10  
Date issued December 10, 2014

Ship to  
PACIFIC OIL COOLER SERVICE, INC  
1677 CURTISS COURT  
LA VERNE CA 91750

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

Purch order 7099  
MCSTPart no G727596  
Description RETROFIT KIT  
Cust part no G727596-NE  
Quantity 4.00  
Product Revision A

PO item no  
Sales order no 5658944

Cust stock no  
Unit of meas EA

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

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.

*Joshua Deckard*

*CSR*

Title

December 10, 2014

DATE  
Form rev.11-2009

Meggitt (Troy), Inc.  
3 Industrial Drive  
Troy, IN 47588  
DBA: Stewart Warner South Wind, Corp.  
USA

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

# MEGGITT

G727596  
Retrofit Kit, to Convert 10585J to 10585K

## PARTS LIST

Meggitt (Troy), Inc.		Description	Qty.
	Part No.		
<input checked="" type="checkbox"/>	723741	Plate, Identification	1
<input checked="" type="checkbox"/>	727590	Thermal Element	1
<input checked="" type="checkbox"/>	801-087-007	Packing, Preformed	1
<input checked="" type="checkbox"/>	801-087-008	Packing, Preformed	1
<input checked="" type="checkbox"/>	801-087-009	Packing, Preformed	1
<input checked="" type="checkbox"/>	801-087-010	Packing, Preformed	1

Packed By: \_\_\_\_\_



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

DATE

1/27/2016

N621N

PA46-500TP, serial # 4697177

Engine Logbook

BROUGHT  
FORWARD

Hobbs Hours: 2227.9 :: Aircraft TT: 2227.9 :: #1 Engine TT: 2227.9 :: Prop. TT: 2227.9 :: Prop. TSMOH: 299.6

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

- 1) Completed compressor performance recovery wash and compressor turbine water wash per engine maintenance manual instructions.
- 2) Adjusted engine idle speed to 64.7%.
- 3) R+R beta block with a new unit (part # 758-735).
- 4) Calibrated torque indication per airplane maintenance instructions.
- 5) Retensioned the air conditioning and alternator drive belts and resafed the hardware.
- 6) R+R bleed air flange gasket on the LH side of the engine with a new one (part # 3119033-01).
- 7) Ground runup and functional checks were 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

Signed



Edward J. Novak Jr. A+P 2832024 IA

1/25/2017

N621N

PA46-500TP, serial # 4697177

Engine Logbook

Hobbs Hours: 2352.4 :: Aircraft TT: 2352.4 :: #1 Engine TT: 2352.4 :: #1 Propeller TT: 2352.4 :: #1 Propeller SMOH: 424.1

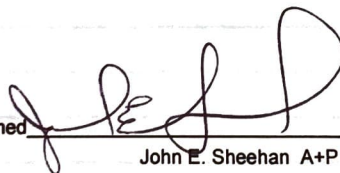
Completed annual inspection in accordance with FAR 43, app. D using Piper forms for Events #1 &amp; #2 from the maint. manual as a guide.

- 1) Completed performance recovery wash and compressor turbine water wash per engine maintenance manual instructions.
- 2) C/W Pratt & Whitney SB 3490 by adding additional support to the Py tubing near the prop. Governor per bulletin instructions.
- 3) R+R both ignitors with new units (part # 10-391667-1).
- 4) Ground runup and functional checks completed with satisfactory results and no fuel or oil leaks noted.

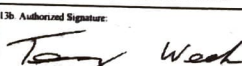
I certify that this Engine has been inspected in accordance with an annual inspection and was determined to be in an airworthy condition.

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

Signed



John E. Sheehan A+P 3439269 IA

1. Approving Civil Aviation Authority/Country: FAA/United States		2. <b>AUTHORIZED RELEASE CERTIFICATE</b> FAA Form 8130-3, AIRWORTHINESS APPROVAL TAG			3. Form Tracking Number 5426045	
4. Organization Name and Address: Textron Aviation Inc. (PC4) Textron Aviation Inc. 1 Cessna Blvd, Wichita, KS 67215				5. Work Order/Contract/Invoice Number: 2532318		
6. Item: 10	7. Description: IGNITION PLUG	8. Part Number: 10-390667-1	9. Quantity: 1	10. Serial Number: NNA16500146	11. Status/Work: New	
12. Remarks: <b>AUTHORIZED RELEASE DOCUMENT</b> <b>PO#: 08106</b>						
13a. Certifies the items identified above were manufactured in conformity to: <input checked="" type="checkbox"/> Approved design data and are in a condition for safe operation. <input type="checkbox"/> Non-approved design data specified in Block 12.			13b. Authorized Signature: 			
13c. Approval/Authorization No.: PC4			13d. Date (dd/mm/yyyy): 03/Jan/2017			
13e. Name (Typed or Printed): TERRY WEEKS			13f. Date (dd/mm/yyyy):			
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 higher 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 accordance with the national regulations by the user/installer before the aircraft may be flown. FAA Form 8130-3 (02-14)						

ENTRIE

2/7/2018

N621N

PA46-500TP, serial # 4697177

Engine Logbook

JRE

LICENCE  
NUMBER

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) Completed performance recovery wash and compressor turbine water wash per engine maintenance manual instructions.
- 2) R+R beta block with a new unit (part # CA3026).
- 3) Adjusted alternator belt tension and resafied 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.

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

Signed

*Edward J. Novak Jr.*

Edward J. Novak Jr. A+P 2862024 IA

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.  
TSMOH: 656.5 :: Engine CSN: 1113

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 wash per engine maintenance manual instructions.
- 2) R+R fuel nozzles after recertification at Heritage Turbines as shown on the attached 8130-3 form. Nozzles reinstalled with new gaskets and fuel tube o-rings. Completed borescope check of the hot section 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.
- 3) R+R beta block with a new unit (part # CA3026).
- 4) Adjusted alternator belt tension and resafied the hardware.
- 5) Ground runup and systems functional checks completed 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

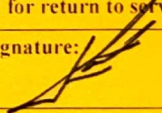
Signed

*John E. Sheehan*

John E. Sheehan A+P 3439269 IA

2/11/20 ETSN: 2667.9 ECSN: 1190 - Engine removed from aircraft for hard landing insp. due to cracked inlet case  
Edward J. Novak Jr. A+P 2832024 IA

Shoreline Aviation, Inc.  
Marshfield Municipal Apt.  
Marshfield, MA 02050 (781)837-8521

<b>1. Approving Civil Aviation Authority/Country:</b>  FAA/United States		<b>2. AUTHORIZED RELEASE CERTIFICATE</b> FAA Form 8130-3, AIRWORTHINESS APPROVAL TAG				<b>3. Form Tracking Number:</b> 36117	
<b>4. Organization Name and Address:</b> Heritage Turbines, Inc. 35 Hinckley Road Hyannis, MA 02601						<b>5. Work Order/Contract/Invoice Number:</b>  09215	
<b>6. Item:</b>	<b>7. Description:</b>	<b>8. Part Number:</b>	<b>9. Quantity:</b>	<b>10. Serial Number:</b>	<b>11. Status/Work:</b>		
1	Inlet Adapter Assy.	3100453-03	1	NSN	Repaired		
2	Primary Adapter Assy.	3100456-03	7	NSN	Repaired		
3	Secondary Adapter Assy.	3100458-03	6	NSN	Repaired		
4	Sheath	3119920-01	14	NSN	Inspected		
<b>12. Remarks:</b> Cleaned, Inspected, Leak Checked and Flow Checked Fuel Nozzle Kit I/A/W Pratt And Whitney Manual P/N 3021442 Rev. 55 0 <div style="text-align: right; margin-top: 20px;">           14621N            1/25/19         </div>							
<b>13a. Certifies the items identified above were manufactured in conformity to:</b>  <input type="checkbox"/> Approved design data and are in a condition for safe operation. <input type="checkbox"/> Non-approved design data specified in Block 12.				<b>14a. <input checked="" type="checkbox"/> 14 CFR 43.9 Return to Service <input type="checkbox"/> Other regulation specified in Block 12</b>  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.			
<b>13b. Authorized Signature:</b>		<b>13c. Approval/Authorization No.:</b>		<b>14b. Authorized Signature:</b>		<b>14c. Approval/Certificate No.:</b>	
						H11R069Y	
<b>13d. Name (Typed or printed):</b>		<b>13e. Date (dd/mm/yyyy):</b>		<b>14d. Name (Typed or Printed):</b>		<b>14e. Date (dd/mm/yyyy):</b>	
				Pierre Joubert		14/Jan/2019	
<b>User/Installer Responsibilities</b>							
<p>It is important to understand that the existence of this document alone does not automatically constitute authority to install the aircraft engine/propeller/article.</p> <p>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.</p> <p>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.</p>							

# ENGINE SERVICE AND

DATE	TIME RUN		TIME SINCE OVERHAUL		INSTALLATIONS, INSPECTIONS, NOTE: USE BOTH PAGES AND AS MANY LINES AS REQUIRED FOR COMPLETE
	HRS.	MIN.	HRS.	MIN.	
BROUGHT FORWARD →					

Pratt & Whitney Engine Services, Inc.  
1525 Midway Park Road  
Bridgeport, WV 26330  
Certificate Number LM1R301K



## Pratt & Whitney

A United Technologies Company

Manufacturer	Description	Model/Type	Serial Number
PRATT & WHITNEY	ENGINE TURBOPROP	PT6A-42A	PCE-RM0187
Time Since New	Cycles Since New	Time Since Overhaul	Cycles Since Overhaul
2667.9	1190	0.0	0

☒ Overhaul

☐ 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

Signed:

RENE YOST, AUTHORIZED INSPECTOR  
Export Classification: ECCN 9E991

PWV-3096 (FEB 15)



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

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 qts 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 adjusted 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 be in an airworthy condition.

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

Signed

Edward J. Novak Jr.

Edward J. Novak Jr. A+P 2832024 IA

TOTAL THIS F

TOTAL FROM PREVIOUS SUMMARY		
TOTAL SINCE MFG.		

1. Approving National Aviation Authority/Country: <b>FAA/UNITED STATES</b>		2. <b>AUTHORIZED RELEASE CERTIFICATE</b> FAA Form 8130-3, AIRWORTHINESS APPROVAL TAG			3. Form Tracking Number:  217922	
4. Organization Name and Address: <b>PRATT &amp; WHITNEY ENGINE SERVICES, INC. 1525 MIDWAY PARK RD BRIDGEPORT, WV 26330 FAA CRS# LM1R301K</b>					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, TURBOPROP PT6A-42A	3120055-01	ONE	PCE-RM0187	OVERHAULED	
12. Remarks:      TTSN: 2667.9      TCSN: 1190      TTSO: 0.0      TCSO: 0  <b>THIS ENGINE HAS BEEN OVERHAULED, INSPECTED AND TESTED IN ACCORDANCE WITH P&amp;WC, OVERHAUL MANUAL P/N: 3021443, REV 52, DATED 06 APR 2020; AND OTHER P&amp;WC APPROVED DOCUMENTATION AND/OR ENGINEERING DOCUMENTATION ACCEPTABLE TO THE ADMINISTRATOR.</b>						
<i>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</i>						
13a. Certifies the items identified above were manufactured in conformity to:  <input type="checkbox"/> Approved design data and are in a condition for safe operation. <input type="checkbox"/> Non-approved design data specified in Block 12.			14a. <input checked="" type="checkbox"/> 14 CFR 43.9 Return to Service <input type="checkbox"/> 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.			
13b. Authorized Signature:		13c. Approval/Authorization No.:	14b. Authorized Signature:		14c. Approval/Certificate No.:	
					LM1R301K	
13d. Name (Typed or Printed):		13e. Date (dd/mm/yyyy):	14d. Name (Typed or Printed):		14e. Date (dd/mm/yyyy):	
			Rene Yost, Authorized Inspector		21 Jun 2020	
<b>User/Installer Responsibilities</b>						
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.						

1. Approving National Aviation Authority/Country: FAA/UNITED STATES		2. <b>AUTHORIZED RELEASE CERTIFICATE</b> FAA Form 8130-3, AIRWORTHINESS APPROVAL TAG			3. Form Tracking Number: 217922	
4. Organization Name and Address: PRATT & WHITNEY ENGINE SERVICES, INC. 1525 MIDWAY PARK RD BRIDGEPORT, WV 26330 FAA CRS# LM1R301K					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, TURBOPROP PT6A-42A	3120055-01	ONE	PCE-RM0187	OVERHAULED	
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						
13a. Certifies the items identified above were manufactured in conformity to:  <input type="checkbox"/> Approved design data and are in a condition for safe operation. <input type="checkbox"/> Non-approved design data specified in Block 12.			14a. <input checked="" type="checkbox"/> 14 CFR 43.9 Return to Service <input type="checkbox"/> 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.			
13b. Authorized Signature:		13c. Approval/Authorization No.:		14b. Authorized Signature: 		14c. Approval/Certificate No.: LM1R301K
13d. Name (Typed or Printed):		13e. Date (dd/mm/yyyy):		14d. Name (Typed or Printed): Rene Yost, Authorized Inspector		14e. Date (dd/mm/yyyy): 21 Jun 2020
<b>User/Installer Responsibilities</b>						
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 SERVICES, 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.

DATE: 21 JUN 2020


RENE YOST, AUTHORIZED INSPECTOR

Export Classification: ECCN 9E991

# PRATT & WHITNEY ENGINE SERVICES, INC.

## PT6 LIFE LIMITED PARTS LOG

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

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	9H376	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	---	---	---
OIL FILTER	3059257-01	---	0.0	---	---	---

**\*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

Sales Order: 217922

Customer: Shoreline Aviation Inc.

Description: GAS GENERATOR MODULE

Print Date: 21-JUN-2020

Model: PT6A-42A

Page: 001 of 001

Serial Number: RM0187

Document No.	Revision No.	Status
FAA 97-04-12 000	00	Embodied
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: \_\_\_\_\_

*FL 24*



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	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	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	03	6	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

Page: 001 of 001

Serial Number: RM0187

Document No.

Revision No.  
Description

Status

FAA 2012-09-10 000

00

Embodied

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: \_\_\_\_\_

*[Signature]*



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  
Module Name: POWER SECTION MODULE  
Model: PT6A-42A  
Serial Number: RM0187

Customer: Shoreline Aviation Inc.

Print Date: 21-JUN-2020

Page: 001 of 001

Document No.	Revision #	Class	Description
SB 3002 000	26	3	ROTOR COMPONENTS - SERVICE LIFE
SB 3003 000	28	3	OPERATING TIME BETWEEN O/H & HSI FREQ.
SB 3385 002	01	6	1ST. STG. CARRIER BAL. ASSY. - MOD/ REPL
SB 3407 000	00	6	REVERSING LEVER GUIDE PIN BRACKET ASSEMB
SB 3435 000	00	6	PROPELLER GOVERNOR - REPLACEMENT OF
SB 3436 000	00	7	FIRST STAGE CARRIER SLEEVE - REPL. OF
SB 3454 000	02	6	P.T. STATOR - REPL / MOD. OF.
SB 3463 000	03	6	PLANETARY GEAR SYSTEM - REPL. OF.
SB 3465 000	02	3	TORQUE LIMITER - INSPECTION
SB 3468 000	00	3	SHIPPING CAPS FOR SHIPPING CONTAINER - R
SB 3477 000	02	6	PROP SHAFT & SLEEVE SET - REPL/MOD OF.
SB 3480 000	00	5	O/SPEED GOV. WASHER - REPL. OF.

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

Authorized Inspector:                     





# Pratt & Whitney

A United Technologies Company

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

Page 1 De 2  
Of 2

## Dossier qualité - Quality Record

Date 2020/06/21

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

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

N° de la pièce Part No.	Designation de la pièce Part Description	Qté Qty	Non Fact. Not Chrg.	Sub. S. Flag
<b>EXCHANGE</b>				
3109585-01	SPACER-OIL SLINGER	1		
<b>NEW</b>				
3014018	SEAL-AIR,COMPRESSOR,REAR,ROTOR	1		
3014660	RING-SEALING,POWER TURBINE	2		
3019283	TUBE-FUEL PRESSURE,ASSY OF	1		
3026785	TUBE-FUEL PRESSURE,PRIMARY,ASSY OF	1		
3032010	TUBE-FUEL PRESS. PRIMARY, ASSY OF	1		
3032208	BEARING (IC)	1		
3036777	SEAL-FACE OPTION (IC)	1		
3037278	BEARING OPTION (IC)	2		
3045671CL01	VANE RING-TURBINE,ASSY OF	1		
3053995CL07	THERMOCOUPLE-TRIM	1		
3059258-01	FILTER ELEMENT OPTION (IC)	1		
3059788-01	FILTER ELEMENT OPTION (IC)	1		
3071525CL10	SHROUD SEGMENT-COMPRESSOR TURBINE	9		
3071525CL11	SHROUD SEGMENT-COMPRESSOR TURBINE	9		
3071615CL03	SEAL-AIR,COMPRESSOR TURBINE,ROTOR	1		
3072810-01	BEARING OPTION (IC)	1		
3078708-01	PIN-BLADE DAMPER	58		
3101615-01	HOUSING-NO 1 BEARING,INNER	1		
3102408-01	COVER-OIL TANK PRESSURIZING VALVE	1		
3102409-01	SPRING-HELICAL, COMPRESSION	1		
3102410-01	PISTON-OIL TANK PRESSURIZING VALVE	1		
3102411-01	SEAT-OIL TANK PRESSURIZING VALVE	1		
3102412-01	HOUSING-OIL TANK PRESSURIZING VALVE	1		
3103074-01	SEAL ASSY-AIR,COMPR.REAR,STATOR	1		
3104405-01	TIE ROD-COMPR ROTOR,.3125-24 UNJF	6		
3107324-01	HOUSING ASSY-SCAVENGE PUMP	1		
3108836-01	HOUSING-NO.1 BEARING,OUTER	1		
3109585-01	SPACER-OIL SLINGER	1		
3113607-01	SPRING-EXPANDER	1		
3120122-01	BLADE-COMPRESSOR	1		

**Pratt & Whitney**

A United Technologies Company

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**Page 2 De 2  
Of 2**Dossier qualité - Quality Record**

Date 2020/06/21

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

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

N° de la pièce Part No.	Désignation de la pièce Part Description	Qté Qty	Non Fact. Not Chrg.	Sub. S. Flag
3120123-01	BLADE-COMPRESSOR	5		
3123131-02	BLADE-TURBINE	58		
3129051-01	COMPRESSOR STATOR-ASSY OF	1		
3133708-01	STRAP-DAMPING,VANE RING,ASSY OF	1		
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		
ST6161-01	NUT-CASTELLATED,HEXAGON	2		
TUB8-14	1/4" BLACK HEAT SHRINKABLE TUBING	25		
TUB8-15	REPLACED BY MIL-LT3/4 BLACK	40		

**OVERHAUL**

3121644-01	CASE-GAS GENERATOR,ASSY OF	1		X
3123122-01	VALVE ASSY-COMPRESSOR BLEED	1		X
3123123-01	VALVE ASSY-COMPRESSOR BLEED	1		X

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Fin du document  
End-of-document**Export Control Classification: This document contains no technical data.**

**Pratt & Whitney**

A United Technologies Company

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**Page 1 De 1  
Of 1**Dossier qualité - Quality Record**

Date 2020/06/21

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

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

N° de la pièce Part No.	Designation de la pièce Part Description	Qté Qty	Non Fact. Not Chrg.	Sub. S. Flag
<b>EXCHANGE</b>				
3002444	SPACER-ADJUSTING 2.960X3.310X.150	1		
3002459	SPACER-ADJUSTING,.878X1.065X.100 TH	2		
3005399	SPACER-ADJUSTING,.878X1.0650X.100THK	1		
<b>NEW</b>				
3002444	SPACER-ADJUSTING 2.960X3.310X.150	1		
3002459	SPACER-ADJUSTING,.878X1.065X.100 TH	2	X	
3005399	SPACER-ADJUSTING,.878X1.0650X.100THK	1	X	
3019266	SWIVEL JOINT-CASING,PP CONTROL,FR	1		
3019291	TUBE-AIR PRESS,GOV,FRONT,ASYO	1		
3023683	SEAL AIR TURBINE INTERSTAGE ROTOR	1		
3029885	NUT PLAIN ROUND	1		
3032110CL21	SHAFT-FIRST STAGE PLANET GEAR	3		
3032995	STRAINER (IC)	3	X	
3034497	TUBE ASYO-AIR PRESS.TORQ.LIMITER,FR.	1		
3039532	THERMOCOUPLE OPTION (IC)	1		
3059925-01	GEAR SET-PLANET,FIRST STAGE RDCN	1		
3059927-01	GEAR RING,FIRST STAGE REDUCTION	1		
3059928-01	GEAR-SUN,FIRST STAGE RCDN,ASSY OF	1		
3072721-01	BEARING-BALL,2.9528X5.1181X.9843	1		
3075036-01	RING-SEALING, TURBINE EXHAUST DUCT	2		
3076352CL02	POWER TURBINE STATOR-ASSY OF	1		
3101420-03	CARRIER-FIRST STAGE REDUCTION,ASYO	1		
3112214-01	WIRING HARNESS THERMOCOUPLE	1		
3112923-01	HOUSING ASSY-REDUCTION GEARBOX,REAR	1		
3114662-01	RUNNER-PROPELLER SHAFT OIL SEAL	1		
3121626-01	SEAL RING-METAL	1		
<b>REPAIR</b>				
3076352CL	POWER TURBINE STATOR-ASSY OF	1		X

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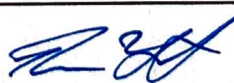
# PRATT & WHITNEY ENGINE SERVICES, INC.

## PT6 ENGINE SHIPPING CHECK LIST



SALES ORDER: 217922	ENGINE MODEL: PT6A-42A
CUSTOMER: Shoreline Aviation Inc.	

POWER SECTION SERIAL NUMBER: RM0187					
ITEM	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	
POWER SECTION LOGBOOK* QUANTITY: N/A COLOR: N/A TYPE: N/A					

GAS GENERATOR SERIAL NUMBER: PCE-RM0187					
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	
8	OIL/FUEL HEATER	10994A	WA20138	TSO: 0.0	
9	START CONTROL	N/A	----	----	
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	
13	FLOW DIVIDER	26035-1	4784	TSO: 0.0	
GAS GENERATOR LOG BOOK* QUANTITY: ONE COLOR: YELLOW TYPE: CANADIAN					

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

1. Autorité de l'aviation civile/Pays qui approuve le bon de sortie Approving Civil Aviation Authority/Country  <b>Transport Canada</b>		2. <b>BON DE SORTIE AUTORISÉE - AUTHORIZED RELEASE CERTIFICATE</b>  <b>FORM ONE</b>		3. Numéro de suivi du formulaire - Form Tracking No.  800112821-000001 3592246	
4. Nom et adresse de l'organisme - Organization Name and Address  Pratt & Whitney Canada Cie. / Pratt & Whitney Canada Corp. 1000 boul. Marie-Victorin Longueuil, Québec Canada J4G 1A1 (450) 677-9411			5. Bon de travail/Contrat/Facture - Work Order/Contract/Invoice  3224978 4503857355		
6. Article - Item  000001	7. Description  TERMINAL-PUSH-PULL CONTROL	8. Numéro de pièce - Part No.  3019256	9. Qtée. - Qty.  1 EA	10. Numéro de série/de lot - Serial/Batch No.  N/A	11. Situation/Travail - Status/Work  NEW
12. Remarques - Remarks  NOTE: Les numéros de série figurant sur les étiquettes ou sur les pièces servent à 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.					
<p>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</p> <p>"Le numéro de pièce identifié sur la pièce peut inclure un suffixe alphabétique. Ce suffixe alphabétique dénote le niveau de révision de la pièce. Tous les niveaux de révision pour une pièce donnée sont parfaitement interchangeables. Le niveau de révision d'une pièce n'est pas requis pour ce certificat."</p> <p>"The part number marked on a part may include an alpha suffix. This alpha suffix denotes the part's revision level. All revision levels for a given part number are fully interchangeable. The part's revision level is not required for this certification."</p>					
13a. Le présent bon de sortie certifie que les articles indiqués ci-dessus ont été construits conformément à : Certifies that the items identified above were manufactured in conformity to :  <input checked="" type="checkbox"/> des données de conception approuvées et qu'ils peuvent être utilisés en toute sécurité approved design data and are in condition for safe operation.  <input type="checkbox"/> des données de conception non approuvées indiquées à la case 12. non approved design data specified in block 12.			14a. <input type="checkbox"/> PAC 571.10 (certification après maintenance) - CAR 571.10 Maintenance Release  <input type="checkbox"/> Autre réglementation précisée à la case 12 - Other regulations specified in block 12. Le présent bon de sortie certifie que, sauf indication contraire à la case 12, le travail indiqué à la case 11 et décrit à la case 12, a été effectué conformément au Règlement de l'aviation canadien. Certifies that unless otherwise specified in block 12, the work identified in block 11 and described in block 12 has been performed in compliance with the Canadian Aviation Regulations.		
13b. Signature   T.C. 4-88 NO. 131		13c. Numéro de l'organisme agréé Approved Organization Number  4 - 58		14b. Signature  S/O - N/A	
13d. Nom - Name  I. Drukker		13e. Date (dd/mm//yyyy)  30/JUN/2020		14c. Numéro de l'organisme agréé Approved Organization Number  S/O - N/A	
				14d. Nom - Name  S/O - N/A	
				14e. Date (dd/mm//yyyy)  S/O - N/A	

FORM ONE (2009-12) - P&amp;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.

# CANADIAN AVIATION RECORD

<b>1. Autorité de l'aviation civile/Pays qui approuve le bon de sortie</b> Approving Civil Aviation Authority/Country  <div style="text-align: center; font-weight: bold; font-size: 1.2em;">Transport Canada</div>		<b>2. BON DE SORTIE AUTORISÉE - AUTHORIZED RELEASE CERTIFICATE</b>  <div style="text-align: center; font-weight: bold; font-size: 1.2em;">FORM ONE</div>			<b>3. Numéro de suivi du formulaire - Form Tracking No.</b>  800112821-000002 3592246	
<b>4. Nom et adresse de l'organisme - Organization Name and Address</b>  Pratt & Whitney Canada Cie. / Pratt & Whitney Canada Corp. 1000 boul. Marie-Victorin Longueuil, Québec Canada J4G 1A1 (450) 677-9411		<b>5. Bon de travail/Contrat/Facture - Work Order/Contract/Invoice</b>  3224978 4503857355				
<b>6. Article - Item</b>  000001	<b>7. Description</b>  CLEVIS ROD END .250-28JX.875	<b>8. Numéro de pièce - Part No.</b>  3012419	<b>9. Qtée. - Qty.</b>  1 EA	<b>10. Numéro de série/de lot - Serial/Batch No.</b>  N/A	<b>11. Situation/Travail - Status/Work</b>  NEW	
<b>12. Remarques - Remarks</b>  <div style="margin-top: 10px;"> <p>NOTE: Les numéros de série figurant sur les étiquettes ou sur les pièces servent à la fabrication et ne doivent pas être inscrits sur le présent certificat.</p> <p>NOTE: Any serial numbers that may be present on labels or parts are for manufacturing purposes and need not be referenced on this certificate.</p> </div>						

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 dénote le niveau de révision de la pièce. Tous les niveaux de révision pour une pièce donnée sont parfaitement interchangeables. Le niveau de révision d'une pièce n'est pas requis pour ce certificat."

"The part number marked on a part may include an alpha suffix. This alpha suffix denotes the parts' revision level. All revision levels for a given part number are fully interchangeable. The part's revision level is not required for this certification."


<b>13a. Le présent bon de sortie certifie que les articles indiqués ci-dessus ont été construits conformément à :</b> Certifies that the items identified above were manufactured in conformity to :  <div style="margin-top: 5px;"> <input checked="" type="checkbox"/> des données de conception approuvées et qu'ils peuvent être utilisés en toute sécurité          approved design data and are in condition for safe operation.       </div> <div style="margin-top: 5px;"> <input type="checkbox"/> des données de conception non approuvées indiquées à la case 12.          non approved design data specified in block 12.       </div>	<div style="text-align: center; border-bottom: 1px solid black; margin-bottom: 5px;"> <b>14a. <input type="checkbox"/> RAC 571.10 (certification après maintenance) - CAR 571.10 Maintenance Release</b>  <input type="checkbox"/> Autre réglementation précisée à la case 12 - Other regulations specified in block 12.       </div> <p style="font-size: 0.8em;">Le présent bon de sortie certifie que, sauf indication contraire à la case 12, le travail indiqué à la case 11 et décrit à la case 12, a été effectué conformément au Règlement de l'aviation canadien.          Certifies that unless otherwise specified in block 12, the work identified in block 11 and described in block 12 has been performed in compliance with the Canadian Aviation Regulations.</p>
---	---

<b>13b. Signature</b>  <div style="text-align: right; font-size: 0.8em;"> <b>TC 488</b>  <b>NO. 131</b> </div>	<b>13c. Numéro de l'organisme agréé</b> Approved Organization Number  <div style="text-align: center; font-weight: bold;">4 - 58</div>	<b>14b. Signature</b>  <div style="text-align: center; font-weight: bold; font-size: 1.2em;">S/O - N/A</div>	<b>14c. Numéro de l'organisme agréé</b> Approved Organization Number  <div style="text-align: center; font-weight: bold; font-size: 1.2em;">S/O - N/A</div>
<b>13d. Nom - Name</b>  <div style="text-align: center; font-weight: bold; font-size: 1.2em;">I. Drukker</div>	<b>13e. Date (dd/mm/yyyy)</b>  <div style="text-align: center; font-weight: bold;">30/JUN/2020</div>	<b>14d. Nom - Name</b>  <div style="text-align: center; font-weight: bold; font-size: 1.2em;">S/O - N/A</div>	<b>14e. Date (dd/mm/yyyy)</b>  <div style="text-align: center; font-weight: bold; font-size: 1.2em;">S/O - N/A</div>

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.

1. Autorité de l'aviation civile/Pays qui approuve le bon de sortie Approving Civil Aviation Authority/Country  <b>Transport Canada</b>		2. <b>BON DE SORTIE AUTORISÉE - AUTHORIZED RELEASE CERTIFICATE</b>  <b>FORM ONE</b>			3. Numéro de suivi du formulaire - Form Tracking No.  800112821-000003 3592246	
4. Nom et adresse de l'organisme - Organization Name and Address  Pratt & Whitney Canada Cie. / Pratt & Whitney Canada Corp. 1000 boul. Marie-Victorin Longueuil, Québec Canada J4G 1A1 (450) 677-9411			5. Bon de travail/Contrat/Facture - Work Order/Contract/Invoice  3224978 4503857355			
6. Article - Item  000001	7. Description  NUT-PL,HEX.,250-28UNJFX.125,DRLD	8. Numéro de pièce - Part No.  3012387	9. Qtée. - Qty.  1 EA	10. Numéro de série/de lot - Serial/Batch No.  N/A	11. Situation/Travail - Status/Work  NEW	
12. Remarques - Remarks  NOTE: Les numéros de série figurant sur les étiquettes ou sur les pièces servent à 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.						
<p>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</p> <p>"Le numéro de pièce identifié sur la pièce peut inclure un suffixe alphabétique. Ce suffixe alphabétique dénote le niveau de révision de la pièce. Tous les niveaux de révision pour une pièce donnée sont parfaitement interchangeables. Le niveau de révision d'une pièce n'est pas requis pour ce certificat."</p> <p>"The part number marked on a part may include an alpha suffix. This alpha suffix denotes the part's revision level. All revision levels for a given part number are fully interchangeable. The part's revision level is not required for this certification."</p>						
13a. Le présent bon de sortie certifie que les articles indiqués ci-dessus ont été construits conformément à : Certifies that the items identified above were manufactured in conformity to:			14a. <input type="checkbox"/> PAC 571.10 (certification après maintenance) - CAR 571.10 Maintenance Release <input type="checkbox"/> Autre réglementation précisée à la case 12 - Other regulations specified in block 12. Le présent bon de sortie certifie que, sauf indication contraire, le travail indiqué à la case 11 et décrit à la case 12, a été effectué conformément au Règlement de l'aviation canadien. Certifies that unless otherwise specified in block 12, the work identified in block 11 and described in block 12 has been performed in compliance with the Canadian Aviation Regulations.			
13b. Signature  T.C. 488 NO. 131		13c. Numéro de l'organisme agréé Approved Organization Number  4 - 58		14b. Signature  S/O - N/A		
13d. Nom - Name  I. Drukker		13e. Date (dd/mm/yy)  30/JUN/2020		14d. Nom - Name  S/O - N/A		
				14c. Numéro de l'organisme agréé Approved Organization Number  S/O - N/A		
				14e. Date (dd/mm/yy)  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

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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 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.

ENTRIES. D 3/4/2021

N621N

PA46-500TP, serial # 4697177

Engine 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

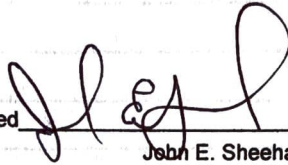
Completed annual insp. Per FAR part 43, app. D using Piper Event #1 & #2 inspection forms as guides.

- 1) Completed compressor desalinization water wash and compressor turbine water wash per engine maintenance manual instructions.
- 2) Installed a new CA3026 beta block.
- 3) Adjusted idle speed nut 4 flats CCW to lower the idle speed to 64.6%..
- 4) Reset alternator and air conditioning drive belt tensions and saftied the locking hardware.
- 5) 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 be in an airworthy condition.

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

Signed



John E. Sheehan A+P 3439269 IA

LICENCE  
NUMBER



*The Standard*

# PROPELLER LOG

*ASA-SP-L*

comm  
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Detail

**Propeller Record** General InformationPropeller Manufacturer HartzellModel HC-E4N-3QHub Series # HH1919

Date of Manufacture \_\_\_\_\_

Type E850/B-3.5

Blade #

J 99404J 99403J 99402J 99398

Make/Model

Aircraft Installed On:

Piper PA46-500TP

Serial #

469717719.0 - -10.0 - 84.5

☐ HUB 8

Year: \_\_\_\_\_

Date: \_\_\_\_\_

Next Inspection  
Due: \_\_\_\_\_

Year: \_\_\_\_\_

Date: \_\_\_\_\_

Next Inspection  
Due: \_\_\_\_\_

Year: \_\_\_\_\_

Date: \_\_\_\_\_

Next Inspection  
Due: \_\_\_\_\_



## LOG BOOK ENTRY

N 62WM  
W/O 23070  
Cycles: 241

Propeller Entry  
Hobbs: 241.9  
TT Propeller: 241.9

P.O. Box 4942  
Baltimore, MD 21220  
(410) 574-4144  
CRS #LF1R294K  
December 17, 2004  
S/N HH1919

1. C/W annual propeller inspection IAW Piper inspection guide for PA-46-500TP
2. Removed spinner, inspect spinner, bulkheads, blades
3. Profile and paint prop blades.
4. Reinstall spinner
5. A/D Notes Checked to Bi-weekly 2004-25. See AD Log dated 12-17-04.
6. Perform post inspection ground run, operational and leak checks are satisfactory.

-----END-----

### 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. 23070. Date: 12/17/04

Signed [Signature] for Skytech, Inc., P.O. Box 4942, Baltimore, MD 21220 LF1R294K

I certify that this PROPELLER has been  
inspected in accordance with a AD/AVUL  
inspection and was determined to be  
in airworthy condition.



## LOG BOOK ENTRY

N62WM  
W/O 23769

Propeller Entry  
Hobbs: 473.8, TT Propeller: 473.8

P.O. Box 4942  
Baltimore, MD 21220  
(410) 574-4144  
CRS #LF1R294K  
December 16, 2005  
S/N HH1919

NS ☐

1. Performed an annual inspection of the propeller per the Piper PA-46-500TP Malibu/Meridian MM Ch. 5-20-00.
2. Performed 6 month/12 month/400 hour propeller lubrication.
3. Performed a 50 hour propeller heat inspection.
4. Profiled and painted the propeller blades as needed.
5. AD 2005-14-11 - Hartzell Propeller, Inc., McCauley Propeller Systems, and Sensenich Propeller Manufacturing Company, Inc. Propellers does not apply per the applicability statement para (c). Effective date August 17, 2005.
6. A/D Notes Checked to Bi-weekly 2005-25. See AD Log dated 12-16-05.

-----END-----

### 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 [Signature] for Skytech, Inc., P.O. Box 4942, Baltimore, MD 21220

LF1R294K

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

☐ HUB &

Year: \_\_\_\_\_

Date: \_\_\_\_\_

Next Inspec:  
Due: \_\_\_\_\_

Year: \_\_\_\_\_

Date: \_\_\_\_\_

Next Inspec:  
Due: \_\_\_\_\_

Year: \_\_\_\_\_

Date: \_\_\_\_\_

Next Inspec:  
Due: \_\_\_\_\_



## LOG BOOK ENTRY

N62WM  
W/O 24334

Propeller Entry  
Hobbs: 710.0  
TT Propeller: 710.0

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

December 27, 2006  
S/NHH1919

1. Performed an annual/100 hour inspection of the propeller per the Piper PA-46-500TP Malibu/Meridian MM Ch. 5-20-00.
  2. 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.
  3. Performed a 50 hour propeller heat inspection.
  4. Performed a 6 month/12 month/400 hour propeller lubrication.
  5. Profiled and painted the propeller blades as needed.
  6. A/D Notes Checked to Bi-weekly 2006-23. See AD Log dated 12-27-06.
  7. Perform post inspection ground run, operational and leak checks are satisfactory.
- 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. 24334. Date: 12/27/06
- Signed [Signature] for Skytech, Inc., P.O. Box 4942, Baltimore, MD 21220 LF1R294K

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



Experience the Skytech Advantage

P.O. Box 4942, Baltimore, Maryland 21220

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

NS ☐

Year: \_\_\_\_\_

Date: \_\_\_\_\_

Next inspection

Due: \_\_\_\_\_

Propeller Log Entry	Hobbs:	910.0	Registration #:	N62WM
Date: December 18, 2007	Total Time:	910.0	Make/Model:	PA46-500TP
W/O: 25017	Cycles:	392	S/N:	HH1919
	TSO:			

***Performed a 100-HOUR inspection:***

- 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):***

- 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.

Year: \_\_\_\_\_

Date: \_\_\_\_\_

Next inspection

Due: \_\_\_\_\_

Year: \_\_\_\_\_

Date: \_\_\_\_\_

Next inspection

Due: \_\_\_\_\_

☐ **HUI**

Year: \_\_\_\_\_

Date: \_\_\_\_\_

Next Ins  
Due: \_\_\_\_\_

Year: \_\_\_\_\_

Date: \_\_\_\_\_

Next Ins  
Due: \_\_\_\_\_

Year: \_\_\_\_\_

Date: \_\_\_\_\_

Next Ins  
Due: \_\_\_\_\_



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P.O. Box 4942, Baltimore, Maryland 21220

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

- 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.

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

- N/A at this time

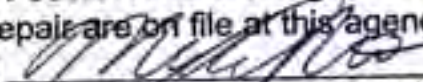
***Completed the following additional items:***

- Profiled and painted the propeller blades as needed.
- Secured one prop deice boot torn edge with prc1422B-1/2 sealant.

I certify that this **AIRCRAFT** has been inspected in accordance with a **100-HOUR** 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 repairs are on file at this agency under **Work Order No: 25017 Date: December 18, 2007**

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

Year:

Date:

Next I

Due:

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

**Performed a 100-HOUR inspection:**

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

Year:

Date:

Next I

Due:

**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

Year:

Date:

Next I

Due:

**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:**

☐ **HUB & BLADE INSPECTIONS, REPAIRS AND ALTERATIONS**

Year: \_\_\_\_\_

Date: \_\_\_\_\_

Next In:  
Due: \_\_\_\_\_



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P.O. Box 4942, Baltimore, Maryland 21220

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

- Profiled and painted the propeller blades as needed.
- Installed a new beta block p/n A3026.

I certify that this **Propeller** has been inspected in accordance with a **100-HOUR** inspection and was determined to be in airworthy condition.

Year: \_\_\_\_\_

Date: \_\_\_\_\_

**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 *Michael J. [Signature]* for Skytech, Inc., P.O. Box 4942, Baltimore, MD 21220.

CRS# LF1R294K

Year: _____ Date: _____ Next Inspection Due: _____	Total Time in Service	Description
	Time Since Overhaul	Mech. Cert. # or Repair Station # _____

# HUB & BLADE INSPECTIONS, REPAIRS AND ALTERATIONS ☐

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 & #2 form from chapt. 5 of the MM as a guide. Repainted the white on all four blade tips. 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.

  
Edward J. Novak Jr. 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

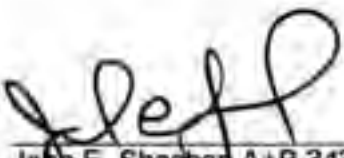
N#: N621N Ser. #: 4697177 PropTT: 1554.8  
Date: 01-31-2011 Hobbs: 1554.8 ACTT: 1554.8

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. I certify that this propeller has been inspected in accordance with an Annual insp. and was determined to be in airworthy condition.

  
John E. Sheehan A+P 3439269 IA

N#: N621N Ser. #: 4697177 PropTT: 1753.2  
Date: 02-04-2012 Hobbs: 1753.2 ACTT: 1753.2

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 dynamic 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.

  
John E. Sheehan A+P 3439269 IA

	Total Hours	<b>Complied by the following:</b> 1/9/13 ACTT-1928.3 Prop T5N: 1928.3 Propeller removed from N621N. Edward J Novak / A+P28320241A
tion		
	Mech. Cert. # or Repair Station # _____	
	Total Hours	<b>Complied by the following:</b>
tion		
	Mech. Cert. # or Repair Station # _____	

AIR

01/23/13

HARTZELL PROPELLER

HC-E4N-3Q

S/N HH1919

E8501B-3.5

P.T.T.S.N.: 1,928.30

P.T.T.S.O.: 00.00

MAJOR OVERHAUL. BLADES REFINISHED. PARTS FLORESCENT PENETRANT INSPECTED, MAGNAFLUXED & REPLACED WHERE REQUIRED. DEICER BOOTS INSTALLED. PROPELLER TRACKED, BALANCED, SET ANGLES AND PAINTED. COMPLIES WITH AD'S & SB'S LISTED ON 8130-3 FORM. INSTALLED NEW 100641 PRELOAD PLATE PER SB HC-SB-61-309R1 AND NEW B7071 RETAINING RINGS AND NEW B7726 RETAINING SEALS PER HC-SL-61-241R2.

AUTHORIZED BY:

REF: W/O# CR-39594

  
NEW ENGLAND PROPELLER SERVICES

6 MATTHEWS DRIVE

EAST HADDAM, CT 06423

FAA REPAIR STATION #RC2R130L

EASA 145.5972

1-860-873-1494

1. Approving National Aviation Authority/Country: <b>FAA/United States</b>		<b>AUTHORIZED RELEASE CERTIFICATE</b> FAA Form 8130-3, AIRWORTHINESS APPROVAL TAG				3. System Tracking Ref. No.  <b>39594</b>																													
4. Organization <b>New England Propeller Service, Inc</b> <b>FAA R6N RC2R130L</b> <b>EASA 145.5972</b>						5. Work Order, Contract or Invoice #  <b>CR-39594</b>																													
6. Item	7. Description	8. Part Number	9. Eligibility*	10. Quantity	11. Serial/Batch Number	12. Status Work																													
1	Hartzell-Propeller	HC-E4N-3Q E8501B-3.5	N/A	1	HH1919	Overhauled																													
13. Remarks THIS PROPELLER WAS REPAIRED IN ACCORDANCE WITH MANUFACTURERS MANUALS:																																			
				143AR15	133CR20	202A V1R43	202A V2R20																												
				202A V3R32	202A V6R28	202A V7R35	202A V8R30																												
				202A V10R32	202A V11R23																														
Total Time: <u>1,928.30</u> hrs      Time Since Overhaul: <u>00.00</u> hrs																																			
14. List of work performed under the FAA Form 8130-3, AIRWORTHINESS APPROVAL TAG, under Repair Station Work Order Number: <u>CR-39594</u>																																			
The following work was performed:  <b>MAJOR OVERHAUL. BLADES REFINISHED. PARTS FLORESCENT PENETRANT INSPECTED, MAGNAFLUXED &amp; REPLACED WHERE REQUIRED. DEICER BOOTS INSTALLED. PROPELLER TRACKED, BALANCED, SET ANGLES AND PAINTED. COMPLIES WITH AD'S &amp; SB'S LISTED ON 8130-3 FORM. INSTALLED NEW 100641 PRELOAD PLATE PER SB HC-SB-61-309R1 AND NEW B7071 RETAINING RINGS AND NEW B7726 RETAINING SEALS PER HC-SL-61-241R2.</b>																																			
Blade Serial #'s:		1.) <b>J99404</b>	2.) <b>J99403</b>	3.) <b>J99402</b>	4.) <b>J99398</b>	5.) <b>N/A</b>	6.) <b>N/A</b>																												
NEW ENGLAND PROPELLER SERVICE, INC. CERTIFIES THAT THE WORK SPECIFIED IN BLOCK 12/13 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 145.5972."																																			
The following Service Bulletins have been complied with:				<b>MAJOR PARTS REPLACED</b>																															
HC-SB-61-109BR1      HC-SB-61-235R1 HC-SB-61-138R1      HC-SB-61-309R1 HC-SB-61-276R5      HC-SL-61-241R2 HC-SB-61-231R1 HC-SB-61-215R4		<table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th>Nomenclature</th> <th>Part #</th> <th>Qty.</th> <th>Reason</th> </tr> </thead> <tbody> <tr> <td>PRELOAD PLATES</td> <td>C6172</td> <td>4</td> <td>SB309R1</td> </tr> <tr> <td>BETA RING</td> <td>C452</td> <td>1</td> <td>WORN</td> </tr> <tr> <td>RETAINING RINGS</td> <td>B1041</td> <td>4</td> <td>SL241R2</td> </tr> <tr><td> </td><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td><td> </td></tr> </tbody> </table>						Nomenclature	Part #	Qty.	Reason	PRELOAD PLATES	C6172	4	SB309R1	BETA RING	C452	1	WORN	RETAINING RINGS	B1041	4	SL241R2												
Nomenclature	Part #	Qty.	Reason																																
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BETA RING	C452	1	WORN																																
RETAINING RINGS	B1041	4	SL241R2																																
The following Airworthiness Directives have been complied with as follows: <b>NONE</b>																																			
A.D.'s	Revision Date	Applicable A.D. S.B. & Subject	Date & Hours @ Compliance	Method of Compliance	one-time	recurt.	Next Comp. hrs./date																												
14. Certifies the items identified above were manufactured in conformity to:  <input type="checkbox"/> Approved design data and are in a condition for safe operation. <input type="checkbox"/> Non-approved design data specified in Block 13.			19. <input checked="" type="checkbox"/> 14 CFR 43.9 Return to Service <input checked="" type="checkbox"/> 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. Authorized Signature		16. FAA Authorization #	20. Authorized Signature		21. Certificate Number																														
					<b>RC2R130L</b>																														
17. Name (Typed or Printed)		18. Date (month)	22. Name (Typed or Printed)		23. Date																														
			<b>ARTIE D'ONOFRIO, PRESIDENT</b>		<b>01-23-2013</b>																														
<b>User/Installer Responsibilities</b>																																			
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.																																			

Shoreline  
AVIATION



Shoreline Aviation, Inc.

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

IRS AND ALTERATIONS ☐

2/1/2013

N621N

PA46-500TP, serial # 4697177

Propeller Logbook

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) Reinstalled this propeller after overhaul as shown on the previous page using a new o-ring at the prop. flange on the engine and 8 new mounting bolts.

2) 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 inspection and was determined to be in an airworthy condition.

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

Signed

John E. Sheehan A+P 3439269 IA

Mech. Cert. # or Repair Station #

☐ AIRWOI



Shoreline Aviation, Inc.  
→  
Marshfield Municipal Airport  
George Harlow Field (GHG)  
93 Old Colony Lane  
Marshfield, MA 02050

Year: \_\_\_\_\_

Date: \_\_\_\_\_

A.D. # \_\_\_\_\_

2/25/2014

N621N

PA46-500TP, serial # 4697177

Propeller Logbook

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

Next Inspection Due: \_\_\_\_\_

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

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

Year: \_\_\_\_\_

Date: \_\_\_\_\_

A.D. # \_\_\_\_\_

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

Signed \_\_\_\_\_

John E. Sheehan A+P 3439269 IA

Next Inspection Due: \_\_\_\_\_

Mech. Cert. # or Repair Station # \_\_\_\_\_

# Shoreline AVIATION

Shoreline Aviation, Inc.

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

## DIRECTIVES

Year: \_\_\_\_\_

Date: \_\_\_\_\_

A.D. # \_\_\_\_\_

3/17/2015

N621N

PA46-500TP, serial # 4697177

Propeller Logbook

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

Next Insp  
Due: \_\_\_\_\_

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

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

Year: \_\_\_\_\_

Date: \_\_\_\_\_

A.D. # \_\_\_\_\_

Next Inspection  
Due: \_\_\_\_\_

Mech. Cert. # or Repair Station # \_\_\_\_\_

☐ **FACTOR**

Year: \_\_\_\_\_

Date: \_\_\_\_\_

Next Inspection  
Due: \_\_\_\_\_

1/27/2016

N621N

PA46-600TP, serial # 4697177

Propeller Logbook

Hobbs Hours: 2227.9 :: Aircraft TT: 2227.9 :: #1 Engine TT: 2227.9 :: Prop. TT: 2227.9 :: Prop. TSMOH: 299.6

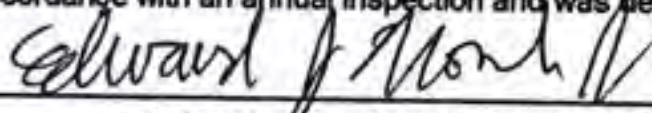
Completed annual inspection in accordance with FAR 43, app. D using Piper forms for Events #1 & #2 from the maint. manual as a guide.

Mech. Cert. # c

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

Year: \_\_\_\_\_

Signed



Edward J. Novak Jr. A+P 2832024 IA

Date: \_\_\_\_\_

Next Inspection  
Due: \_\_\_\_\_

Factory  
Bulletin #

Mech. Cert. # or Repair Station # \_\_\_\_\_

Shoreline  
AVIATION



Shoreline Aviation, Inc.

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

# Shoreline AVIATION

Shoreline Aviation, Inc.

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

LETINS ☐

Year: \_\_\_\_\_

Date: \_\_\_\_\_

1/25/2017

N621N

PA46-500TP, serial # 4697177

Propeller Logbook

Next Inspection  
Due:

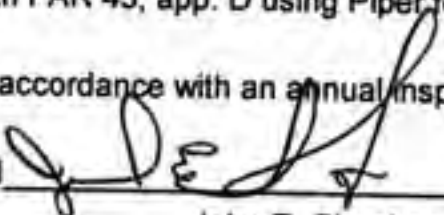
Hobbs Hours: 2352.4 :: Aircraft TT: 2352.4 :: #1 Engine TT: 2352.4 :: #1 Propeller TT: 2352.4 ::  
#1 Propeller SMOH: 424.1

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

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

Mech. Cert. # \_\_\_\_\_

Signed



John E. Sheehan A+P 3439269 IA

Year: \_\_\_\_\_

Date: \_\_\_\_\_

Next Inspection  
Due:

Factory  
Bulletin #

Mech. Cert. # or Repair Station # \_\_\_\_\_

FACTO

Shoreline  
AVIATION

Shoreline Aviation, Inc.

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

2/7/2018

N621N

PA46-500TP, serial # 4697177

Propeller 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.

ech. Cert. #

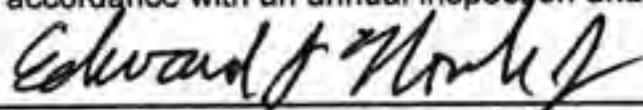
Installed 4 new deicer boot lead wire assemblies (part # 4E2369-6).

ear:

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

ate:

Signed



Edward J. Novak Jr. A+P 2832024 IA

ext Inspection  
ue:Factory  
Bulletin #

ech. Cert. # or Repair Station #

Shoreline  
AVIATION

Shoreline Aviation, Inc.

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

Year: \_\_\_\_\_

Date: \_\_\_\_\_

Next Insp:  
Due:

1/28/2019

N621N

PA46-500TP, serial # 4697177

Propeller Logbook

Hobbs Hours: 2584.8 :: Aircraft TT: 2584.8 :: #1 Engine TT: 2584.8 :: Prop. TT: 2584.8 :: Prop.  
TSMOH: 656.5 :: Engine CSN: 1113

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

Mech. Cert

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

Year: \_\_\_\_\_

Date: \_\_\_\_\_

Next Inspection  
Due:Factory  
Bulletin #1/30/20 - Prop TSX 2667.0 - Propeller removed for  
"normal" overhaul. Edward J. Mink  
A+P 2832024 IA

Mech. Cert. # or Repair Station # \_\_\_\_\_

Propeller TSO	A/C Hrs	Description of all operations pertaining to Airworthiness Directives, Service Documents, Overhaul, Major or Minor Repair, and Inspections.
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02/19/20

HARTZELL  
PROPELLER

HC-E4N-3Q  
E8501B-3.5


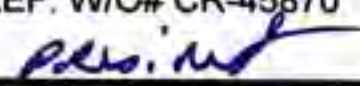
S/N HH1919

P.T.T.S.N.: 2,667.00  
P.T.T.S.C.: 00.00

MAJOR OVERHAUL. BLADES REFINISHED. PARTS  
FLORESCENT PENETRANT INSPECTED, MAGNAFLUXED, AND  
REPLACED WHERE REQUIRED. DEICER BOOTS INSTALLED.  
PROPELLER TRACKED, BALANCED, GREASED, SET ANGLES  
AND PAINTED. BLADE KNOB BRACKETS MODIFIED I/AW  
SERVICE BULLETIN HC-SB-61-346R2.

AUTHORIZED BY:

REF: W/O# CR-45870

  
  
NEW ENGLAND PROPELLER SERVICES  
6 MATTHEWS DRIVE  
EAST HADDAM, CT 06423  
FAA REPAIR STATION #RC2R130L  
EASA 145.5972  
1-860-873-1494

1. Approving Civil Aviation Authority/Country: <b>FAA/United States</b>	<b>AUTHORIZED RELEASE CERTIFICATE</b> FAA Form 8130-3, AIRWORTHINESS APPROVAL TAG	3. Form Tracking Number:  <b>45870</b>
4. Organization Name and Address:  <b>New England Propeller Service, Inc</b> <b>FAA RSN RC2R130L</b> <b>EASA 145.5972</b>		5. Work Order/Contract/Invoice Number:  <b>CR-45870</b>

6. Item:	7. Description:	8. Part Number:	9. Quantity:	10. Serial Number:	11. Status/Work:
1	Hartzell-Propeller	HC-E4N-3Q E8501B-3.5	1	HH1919	Overhauled

12. Remarks: 143AR22    133CR38    202A V1R57    202A V2R31  
 THIS PROPELLER WAS REPAIRED IN ACCORDANCE WITH MANUFACTURER'S MANUALS 202A V3R38    202A V6R35    202A V7R49    202A V8R33  
202A V9R31    202A V10R36    202A V11R36

Total Time: 2.667.00 hrs      Time Since Overhaul: 00.00 hrs

Details of work performed are on file at New England Propeller Service, Inc. under Repair Station Work Order Number: CR-45870

The following work was performed:

MAJOR OVERHAUL. BLADES REFINISHED. PARTS FLORESCENT PENETRANT INSPECTED, MAGNAFLUXED, AND REPLACED WHERE REQUIRED. DEICER BOOTS INSTALLED. PROPELLER TRACKED, BALANCED, GREASED, SET ANGLES AND PAINTED. BLADE KNOB BRACKETS MODIFIED I/AW SERVICE BULLETIN HC-SB-61-348R2.

Blade Serial #s:	1.)	2.)	3.)	4.)	5.)	6.)
	J99404	J99403	J99402	J99398	N/A	N/A

The following Service Bulletins have been complied with:

HC-SB-61-291R3      HC-SB-61-289

HC-SB-61-348R2

HC-SB-61-374R1

The following Service Letters have been complied with:

HC-SL-61-354

HC-SL-61-348

HC-SL-61-241R3

WAPA PROCEDURE: 001

### MAJOR PARTS REPLACED

Nomenclature	Part #	Qty.	Reason

The following Airworthiness Directives have been complied with as follows: NONE

A.D.'s	Revision Date	Applicable A.D. S.B. & Subject	Date & Hours @ Compliance	Method of Compliance	one-time	recurr.	Next Comp. hrs./date

13a. Certifies the items identified above were manufactured in conformity to:  <input type="checkbox"/> Approved design data and are in a condition for safe operation. <input type="checkbox"/> Non-approved design data specified in Block 12.	14a. <input checked="" type="checkbox"/> 14 CFR 43.9 Return to Service <input type="checkbox"/> 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.
13b. Authorized Signature:	14b. Authorized Signature:
13c. Approval/Authorization No.:	14c. Approval/Certificate No.: <b>RC2R130L</b>
13d. Name (Typed or Printed):	14d. Name (Typed or Printed): <b>ARTIE D'ONOFRIO, PRESIDENT</b>
13e. Date (dd/mm/yyyy):	14e. Date (dd/mm/yyyy): <b>19/FEB/2020</b>

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

Shoreline  
AVIATION

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

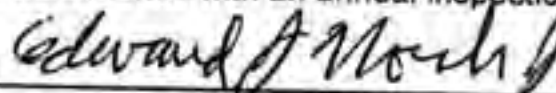
Hobbs Hours: 2667.9 :: Aircraft TT: 2667.9 :: #1 Engine TT: 2667.9 :: #1 Engine TSMOH: 0.0 :: Prop.  
TT: 2667.9 :: Prop. TSMOH: 0.0 :: Engine CSN: 1190

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

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

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

Signed



Edward J. Novak Jr. A+P 2832024 IA

Shoreline  
AVIATION

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

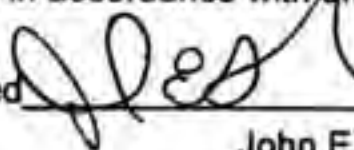
Propeller Logbook

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

Date	Propeller		A/C Hrs	Description of all operations pertaining to Airworthiness Directives, Service Documents, Overhaul, Major or Minor Repair, and Inspections.
	TSN	TSO		
			02/19/20	HARTZELL PROPELLER HC-E4N-3Q E8501B-3.5 S/N HH1519
	P.T.T.S.N.	2,657.00		MAJOR OVERHAUL. BLADES REFINISHED. PARTS FLORESCENT PENETRANT INSPECTED, MAGNAFLUXED, AND REPLACED WHERE REQUIRED. DEICER BOOTS INSTALLED. PROPELLER TRACKED, BALANCED, GREASED, SET ANGLES AND PAINTED. BLADE KNOB BRACKETS MODIFIED IAW SERVICE BULLETIN HC-SB-61-346R2.
	P.T.T.S.C.	00.00		
AUTHORIZED BY:  REF: W/O# CR-45870				
NEW ENGLAND PROPELLER SERVICES 8 MATTHEWS DRIVE EAST HADDAM, CT 06423 FAA REPAIR STATION #RC2R130L EASA 145.5972 1-860-873-1494				



Shoreline Aviation, Inc.  
 Marshfield Municipal Airport  
 George Haddow Field (GHG)  
 93 Old Colony Lane  
 Marshfield, MA 02050

Date	Aircraft	Propeller	Serial #	Logbook
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 the maint. manual as a guide. This propeller reinstalled using a new o-ring and attaching hardware after overhaul as shown on the previous page. Runup and leak check OK. I certify that this Propeller has been inspected in accordance with an annual inspection and was determined to be in an airworthy condition.				
Signed 				
Edward J. Novak Jr. A+P 2832024 IA				
<div style="text-align: center;">  <p>Shoreline Aviation, Inc.              Marshfield Municipal Airport              George Haddow Field (GHG)              93 Old Colony Lane              Marshfield, MA 02050</p> </div>				
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				

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

Hartzell Propeller, Inc. - Piqua, Ohio

Printed: Wed Oct 13 13:04:07 2021

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

DATE: 10/13/2021 15:13:12

OPER: MR

Work Order:

Customer:

A/C: N621N

Mdl: PA-46T

S/N:

Misc:

Hrs: 0.0

Cmp:

Mdl:

S/N:

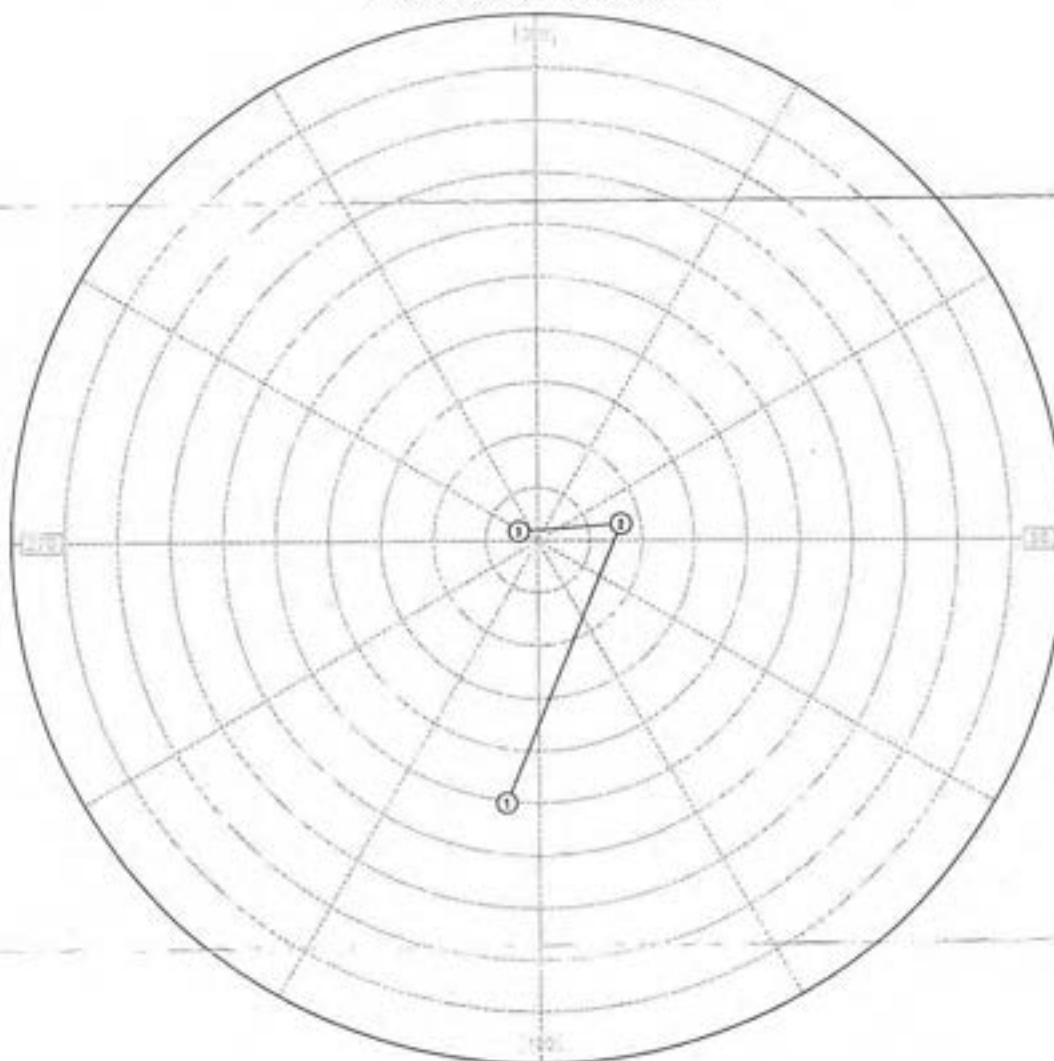
Misc:

Hrs: 0.0

Group: PROP Task: PROP1

RUN	TYPE	RPM	VIB	LEVEL	PHASE	WT1	LOC1	WT2	LOC2	SENS	TACH
1	LS	1981.6	0.503	IN/S	187.2	15.40	160.0	28.60	210.0	80.0	160.0
2	LS	1987.0	0.162	IN/S	78.7	-15.40	160.0	5.90	210.0	70.0	144.3
3	LS	1983.2	0.041	IN/S	296.4	3.31	160.0	-2.65	210.0	63.5	135.2

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



— OPERATOR COMMENTS —

# 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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