

# AIRFRAME MAINTENANCE RECORD

AIRCRAFT SERIAL AND REGISTRATION N 5216E

RECORD NUMBER \_\_\_\_\_



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# AIRFRAME MAINTENANCE RECORD

AIRCRAFT SERIAL AND REGISTRATION N 5216E

RECORD NUMBER \_\_\_\_\_

### MAINTENANCE RECORD

DATE	TOTAL TIME IN SERVICE		DESCRIPTION OF THE WORK PERFORMED	AUTHORIZED SIGNATURE, CERTIFICATE TYPE & NUMBER
	HOURS	10THS		
Dec 4-02	<del>1630</del> 1725	1	NS216L SN 24-1658 Annual ELT ops check OK by 91-207(c)/-4	
			New gas cap seals installed New main Tires installed - Serviced Aircraft Battery	
			Lubed Flight controls and Landing Gear C/W AD 96 1207 inspection of impulse	
			Cam check OK C/W AD 930205 No 2 rate Line check OK AD 2001 23 17 Garmin	
			Radio is DNA To Radio - AD 2002-12-07 is DNA To oil filter plate gasket.	
			New O Rings in Brake wheel cyl. Cleaned Fuel screens Lubed All wheel Bearings	

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	HOURS	10THS		
			<p><b>ANNUAL/100 HOUR RELEASE</b></p> <p>TACT TIME <u>212.0</u> TOTAL TIME <u>1630.4</u> TSMOH _____</p> <p>Verify this aircraft/engine has been inspected in accordance with a <del>100 Hour</del> Annual Inspection and found to be airworthy</p> <p>Form <u>12-04-02</u> Signature <u>[Signature]</u></p> <p>Type of Certificate/Number <u>480628281</u> <del>for GPS BDXR9930</del></p> <p>STC Aviation, Inc., St. Cloud, MN 56302</p>	
11-14-03			<p>Removal KTDA + installed GTX330 Transponder</p>	
			<p><b>MAINTENANCE RELEASE</b></p> <p>The component identified 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 on file at this Repair Station under work order <u>21696</u>, Date <u>11-14-03</u>, Signature <u>[Signature]</u>, Type of Certificate/Number <u>480628281</u> for GPS BDXR9930, STC Aviation, Inc., St. Cloud, MN 56302.</p>	

## MAINTENANCE RECORD

DATE	TOTAL TIME IN SERVICE		DESCRIPTION OF THE WORK PERFORMED	AUTHORIZED SIGNATURE, CERTIFICATE TYPE & NUMBER
	HOURS	10THS		
04				
1-7	2665		REPLACED BEARINGS & BEARING LINES IN AFT	
			RUDDER IDLER BELL CRANK, INSTALLED BOOTS ON MLG PIP TUBES PER DWG # 948143. CHK CRT PER 91.2070	
			REPLACED BATTERY. NEXT REPLACEMENT DUE 2-06 STATIC CHK DUE 4-04	
			<del>ANNUAL</del> 100 HOUR RELEASE	
			TACH TIME <u>2665</u> TOTAL TIME <u>1771.6</u> TSMOH <u>0</u>	
			I certify this aircraft/engine has been inspected in accordance with a 100 Hour or Annual inspection and found to be airworthy	
			Date <u>1-7-04</u> Signature <u>[Signature]</u>	
			Type of Certificate/Number <u>470526948</u> for <del>CPS BDKR333G</del> , STC Aviation, Inc., St. Cloud, MN 56302	

# MAINTENANCE RECORD

DATE	TOTAL TIME IN SERVICE		DESCRIPTION OF THE WORK PERFORMED	AUTHORIZED SIGNATURE, CERTIFICATE TYPE & NUMBER
	HOURS	10THS		
5-24-04			<p style="color: red;">I certify that the altimeter, static system, transponder and altitude reporter test required by FARs 91.411, 91.413 &amp; 91.217 have been performed and found to be within the limits of FAR 43 appendices E &amp; F and AC 43.6a.</p> <p style="color: red;">TESTED TO <u>20</u> Kft.</p> <p style="color: red;">Altimeter Model <u>5934PA-1</u> <u>Uartel</u> #1 S/N <u>1E836</u> #2 S/N <u>-</u></p> <p style="color: red;">Transponder Model <u>Cotx330</u> #1 S/N <u>841083</u> #2 S/N <u>-</u> modes not checked</p> <p style="color: red;">Altitude Reporter <u>ATJ000</u> #1 S/N <u>4000</u> #2 S/N <u>-</u></p> <p style="color: red;">Signed <u>[Signature]</u> Date <u>5-24-04</u></p> <p style="color: red;">STC Aviation Inc., St. Cloud, MN 56304 CRS BDKR393C</p>	

## MAINTENANCE RECORD

DATE	TOTAL TIME IN SERVICE		DESCRIPTION OF THE WORK PERFORMED	AUTHORIZED SIGNATURE CERTIFICATE TYPE & NUMBER
	HOURS	10THS		
2004 12-20	295	.5	Replaced HSI with overhauled unit P/N 520137-1333 s/n 1-8765	
	Tech			
			<b>MAINTENANCE RELEASE</b>	
			The component identified 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 repairs are on file at this Repair Station under work order <u>102811</u> , Date <u>12-20-04</u> , Signature <u>[Signature]</u> , Type of Certificate/Number <u>R-1/2429051</u> for CRS BDKR398C, STC Aviation, Inc., St. Cloud, MN 56302.	
2-2-05			AD 2004-25-04 FUEL CONTAMINATION MAINT INSPECTION ATTACHED	
			<u>[Signature]</u> 20470520928	

# MAINTENANCE RECORD

DATE	TOTAL TIME IN SERVICE		DESCRIPTION OF THE WORK PERFORMED	AUTHORIZED SIGNATURE, CERTIFICATE TYPE & NUMBER
	HOURS	10THS		
05				
4	295.6			
			<p><b>ANNUAL/100 HOUR RELEASE</b></p> <p>TIME <u>295.6</u> TOTAL TIME <u>1808.7</u> TSMOH <u>0</u></p> <p>I certify this aircraft/engine has been inspected in accordance with a 100 Hour                      annual inspection and found to be airworthy</p> <p>Date <u>2-4-25</u> Signature <u>[Signature]</u></p> <p>Type of Certificate/Number <u>42052694</u></p> <p>STC Aviation, Inc., St. Cloud, MN 56302</p>	



## MAINTENANCE RECORD

DATE	TOTAL TIME IN SERVICE		DESCRIPTION OF THE WORK PERFORMED	AUTHORIZED SIGNATURE, CERTIFICATE TYPE & NUMBER
	HOURS	10THS		
06				
4-3	297.07		AD 2006-03-08 Aero Advantage Fuel Pump Not to Installation Replaced per Battery Not Replacement Due 5-08	
			Tested per PWR 91-2070, Static ck due 5-06.	
<b>ANNUAL/100 HOUR RELEASE</b>				
			<p>TACH TIME <u>297.07</u> TOTAL TIME <u>1810.1</u> TSMOH <u>      </u></p> <p>I certify this <u>aircraft/engine</u> has been inspected in accordance with a 100 Hour or Annual Inspection and found to be airworthy</p> <p>Date <u>4-7-06</u> Signature <u>[Signature]</u></p> <p>Type of Certificate/Number <u>4705 14548</u></p> <p>STC Aviation, Inc., St. Cloud, MN 56302</p>	

# MAINTENANCE RECORD

DATE

Model and S/N M20J 24-1658

Registration N5216E

RE,

Date	Total Time In Service	
	Hours	10ths
01 JUNE 2006		

Description of the Work Performed

Altitude		Altitude	
Altitude	Altitude Reads	Altitude	Altitude Reads
-1000	-980	14000	13920
0	+15	16000	15900
500	510	18000	17895
1000	1005	20000	19880
1500	1500	22000	
2000	2000	25000	
3000	2990	30000	
4000	3985	35000	
6000	5980	40000	
8000	7960	45000	
10000	9950	50000	
12000	11930		

Altitude Model 5934PA-1 s/n 1E836

Inspector [Signature] Date 01 JUNE 2006

~~Verify~~ that the altimeter, static system, transponder and altitude reporter test required by FARs 91.411, 91.413 & 91.217 have been performed and found to be within the limits of FAR 43 appendices E & F and AC 43.6a.

TESTED TO 20 Kn

Altimeter Model 5934PA-1 #1 S/N 1E836 #2 S/N N/A

Transponder Model STX 330 #1 S/N 84108381 #2 S/N N/A

Altitude Reporter AT3000 #1 S/N 4087 #2 S/N N/A

Signed [Signature] Date 01 JUNE 2006

STC Aviation Inc., St. Cloud, MN 56304  
CRS BDKR393K

## MAINTENANCE RECORD

DATE	TOTAL TIME IN SERVICE		DESCRIPTION OF THE WORK PERFORMED	AUTHORIZED SIGNATURE, CERTIFICATE TYPE & NUMBER
	HOURS	10THS		
07				
4-26	310.8		Replaced mag switch. Replaced AIR DOOR screws (RAM AIR). Replaced engine Load mounts. Replaced ECU per 91-2070 Battery date 5-08.	
	1823.5	ACT+		
<b>ANNUAL/100 HOUR RELEASE</b> TACH TIME <u>310.8</u> TOTAL TIME <u>1823.5</u> TSMOH <u>  </u> I certify this aircraft/engine has been inspected in accordance with a 100 Hour Annual Inspection and found to be airworthy <u>4-26-07</u> Signature <u>[Signature]</u> Title of Certificate/Number <u>470526345</u> STC Aviation, Inc., St. Cloud, MN 56302				

# MAINTENANCE RECORD

DATE	TOTAL TIME IN SERVICE		DESCRIPTION OF THE WORK PERFORMED	AUTHORIZED SIGNATURE, CERTIFICATE TYPE & NUMBER
	HOURS	10THS		
			<p style="text-align: center;"><b>ANNUAL/100 HOUR RELEASE</b></p> <p>TACH TIME <u>3108</u>      TOTAL TIME <u>1823.5</u>      TSMOH <u>      </u></p> <p>Certify this aircraft/engine has been inspected in accordance with a 100 Hour Annual Inspection and found to be airworthy</p> <p>Date <u>5-1-07</u>      Signature <u>[Signature]</u></p> <p>Type of Certificate/Number <u>470526478</u></p> <p>STC Aviation, Inc., St. Cloud, MN 56302</p>	

## MAINTENANCE RECORD

DATE	TOTAL TIME IN SERVICE		DESCRIPTION OF THE WORK PERFORMED	AUTHORIZED SIGNATURE, CERTIFICATE TYPE & NUMBER
	HOURS	10THS		
			<p>Date: 5/01/2007; Aircraft: N5216E                      Upgraded GNS530 to WAAS. Installed GDL69 in tail of plane. Installed XM antenna by rear baggage door. Replaced GPS antenna with GA35 antenna. Certified GPS for precision approaches.</p> <p><b>MAINTENANCE RELEASE</b>                      The component identified was repaired and inspected in accordance with current regulations of the Federal Aviation Administration and is approved for return to service.</p> <p>Name: Dave Backes Cert. Number: 2373093 R&amp;I                      Sign: <u></u> Date: 05/01/2007</p> <p>For CRS # BDKR393C STC Aviation Inc. 1544 45th Ave SE St. Cloud MN 56304</p>	

## MAINTENANCE RECORD

DATE	TOTAL TIME IN SERVICE		DESCRIPTION OF THE WORK PERFORMED	AUTHORIZED SIGNATURE, CERTIFICATE TYPE & NUMBER
	HOURS	10THS		
9/5/08	339.03	TACH	ELT Inspected and Function tested per FAR 91-207(d) Battery Due NOV/2010. Replaced bracket air filter p/n BA-6205 with new. Replaced gear warning horn with new. Replaced left wing fuel drain with new.	
			Installed new battery p/n G-35. AD 2008-14-07 (supersedes AD 2002-26-09) Fuel injector lines inspection was satisfactory. Due again @ 439.03 Tach hours AD 2008-08-14 Fuel injection servo plug inspection is N/A per engine records.	
<p><b>ANNUAL 100 HOUR RELEASE</b></p> <p>TACH TIME <u>339.03</u> TOTAL TIME <u>1851.73</u> TSMOH _____</p>				
<p>I certify this aircraft/engine has been inspected in accordance with a 100 Hour Annual Inspection and found to be airworthy</p> <p>Date <u>9/5/2008</u> Signature <u>[Signature]</u></p> <p>Type of Certificate/Number <u>LA 2655566</u></p> <p>81C Aviation, Inc., St. Cloud, MN 56302</p>				

## MAINTENANCE RECORD

DATE	TOTAL TIME IN SERVICE		DESCRIPTION OF THE WORK PERFORMED	AUTHORIZED SIGNATURE, CERTIFICATE TYPE & NUMBER
	HOURS	10THS		
9-8 2008	339.1	Tach	<p style="color: red;">certify that the altimeter, static system, transponder and altitude reporter last required by FARs 91.411, 91.413 &amp; 91.217 have been performed and found to be within the limits of FAR 43 appendices E &amp; F and AC 43.6a.</p> <p style="color: red;">TESTED TO <u>20 KR</u></p> <p style="color: red;">Altimeter Model <u>5934PA-1</u> #1 S/N <u>1E836</u> #2 S/N <u>          </u></p> <p style="color: red;">Transponder Model <u>GTX 330</u> #1 S/N <u>84108381</u> #2 S/N <u>          </u></p> <p style="color: red;">Altitude Reporter <u>AT-3000</u> #1 S/N <u>4087</u> #2 S/N <u>          </u></p> <p style="color: red;">Signed <u>[Signature]</u> Date <u>9-8-08</u></p> <p style="color: red;">STC Aviation Inc., St. Cloud, MN 56304 CRS BDKP/BSX</p>	

Altimeter Model 5934PA-1 s/n 1E836

Altitude	Altimeter Reads	Altitude	Altimeter Reads
-1000	-1000	14000	13920
0	-010	16000	15900
500	490	18000	17900
1000	995	20000	19890
1500	1490	22000	
2000	1990	25000	
3000	2980	30000	
4000	3980	35000	
6000	5970	40000	
8000	7960	45000	
10000	9940	50000	
12000	11930		

Inspector [Signature] Date 9-8-08

## MAINTENANCE RECORD

DATE	TOTAL TIME IN SERVICE		DESCRIPTION OF THE WORK PERFORMED	AUTHORIZED SIGNATURE CERTIFICATE TYPE & NUMBER
	HOURS	10THS		
2009	352.1865.64	54 hrs ATT	Performed Annual Inspection Inspected and tested FLT per Part 91.207(d) 1-4. No discrepancies found. Battery due NOV/2010. AD 2009-02-03 is N/A By Records.	
			I certify that this aircraft has been inspected in accordance with an Annual Inspection and was determined to be in airworthy condition. <i>Donal P. Pearson IA 2655566 St. Cloud Aviation.</i>	

Date: 9/10/2010; Aircraft: N5216E; Type: M20J; S/N: 24-1658

Performed Transponder, altimeter and encoder test.

I certify that the altimeter, static system, transponder and altitude reporter test required by FARs 91.411, 91.413 and 91.217 have been performed and found to be within the limits of FAR43 appendices E and F and AC43.6b.

Tested to 20 Kft.

Altimeter #1 Model 5934PA-1 s/n 1E836  
 Transponder #1 Model GTX330 s/n 84108381  
 Encoder #1 Model AT3000 s/n 4087

### MAINTENANCE RELEASE

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

Name: Lloyd Rinkel Cert. Number: 3224895 R&I

Sign: *Lloyd Rinkel*

Date: 10 Sep. 2010

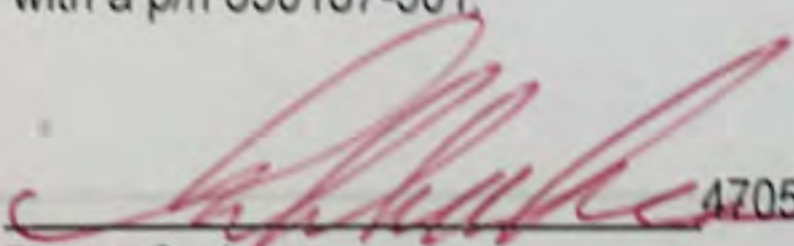
For CRS # BDKR393C STC Aviation Inc. 1544 45th Ave SE St. Cloud MN 56304

Altimeter Model <u>5934PA-1</u> s/n <u>1E836</u>			
Altitude	Altimeter Reads	Altitude	Altimeter Reads
-1000	-980	14000	13930
0	+15	16000	15930
500	515	18000	17930
1000	1005	20000	19910
1500	1500	22000	—————
2000	2000	25000	—————
3000	2995	30000	—————
4000	3980	35000	—————
6000	5980	40000	—————
8000	7970	45000	—————
10000	9970	50000	—————
12000	11940		

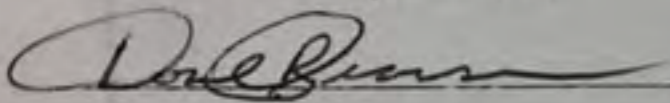
Inspector: *L Rinkel* Date: 10 SEP 2010



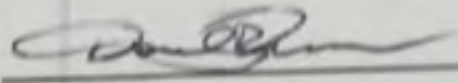
### MAINTENANCE RECORD

DATE	TOTAL TIME IN SERVICE		DESCRIPTION OF THE WORK PERFORMED	AUTHORIZED SIGNATURE, CERTIFICATE TYPE & NUMBER
	HOURS	10THS		
9/13/2010	361.	53	hrs TACH Installed new G-35 Gill aircraft battery s/n G 02505133. <i>Conrad Ranson</i> AIP 2655566 IA St. Cloud Aviation	
			<div style="display: flex; justify-content: space-between;"> <div style="width: 30%;">N5216E s/n 24-1658</div> <div style="width: 30%;">St. Cloud Aviation 1544 45th Ave. SE St. Cloud, MN 56304</div> <div style="width: 30%;">Sept. 24, 2010 Tach 0363.9</div> </div>	
			Replaced landing light with p/n 4522 and retaining bracket with a p/n 650187-501.	
			 _____ 470526948 IA Daren Carlson	

# MAINTENANCE RECORD

TOTAL TIME IN SERVICE		DESCRIPTION OF THE WORK PERFORMED	AUTHORIZED SIGNATURE CERTIFICATE TYPE & NUMBER
HOURS	10THS		
		<p>Date: 11/1/2010      St. Cloud Aviation      Tach: 363.96                      N5216E                1544 45th Ave SE      ATT: 1,877.06                      s/n 24-1658           St. Cloud, MN 56304</p> <p>Performed Annual Inspection:                      1) Installed new ELT battery due again in Nov, 2012.                      2) Inspected and tested ELT per Part 91.207(d) 1-4, no discrepancies found.                      3) Replaced vacuum pump filter with new p/n AA2J4-6.                      4) Complied with AD2008-14-07 by visual inspection of fuel injection lines.                      due again at 463.96 hrs Tach or other conditions, see AD.                      5) Removed battery box corrosion. Alodined and painted areas with acid proof paint.</p> <p>I certify this aircraft has been inspected in accordance with an Annual Inspection and is in airworthy condition.</p> <p> Don Pearson IA #2655566</p>	

## MAINTENANCE RECORD

DATE	TOTAL TIME IN SERVICE		DESCRIPTION OF THE WORK PERFORMED	AUTHORIZED SIGNATURE CERTIFICATE TYPE & NUMBER
	HOURS	10THS		
			<p>Date: 12/6/2011    St. Cloud Aviation    Tach: 384.20                      N5216E            1544 45th Ave SE    ATT:1897.30                      24-1658            St.Cloud, MN 56304</p> <p>Performed Annual Inspection.                      Inspected and tested ELT per Part 91.207(D)1-4, battery due Nov, 2012.                      Complied with AD2008-14-07 by visual inspection of fuel lines due again @ 484.20                      Tach also see AD. I certify this aircraft has been inspected IAW an Annual                      Inspection and has been determined to be in airworthy condition.</p> <p style="text-align: right;">                       _____ Don Pearson IA #2655566                 </p>	

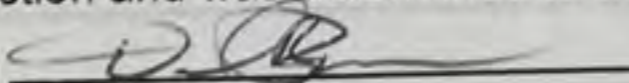
## MAINTENANCE RECORD

DATE	TOTAL TIME IN SERVICE		DESCRIPTION OF THE WORK PERFORMED	AUTHORIZED SIGNATURE, CERTIFICATE TYPE & NUMBER
	HOURS	10THS		
			Date: 12/28/2011; Aircraft: N5216E; Type: M20J; S/N: 24-1658 Installed 1D960 s/n 3858 altitude preselect in pilots panel Wired unit to Century 2000 autopilot. Updated weight & balance	
			<b>MAINTENANCE RELEASE</b> The component identified was repaired and inspected in accordance with current regulations of the Federal Aviation Administration and is approved for return to service.	
			Name: Jim Fairchild Cert. Number: 2429051 R&I  Sign: <u><i>Jim D Fairchild</i></u> Date: 12/28/2011	
			CRS # BDKR393C STC Aviation Inc. 1544 45th Ave SE St. Cloud MN 56304	

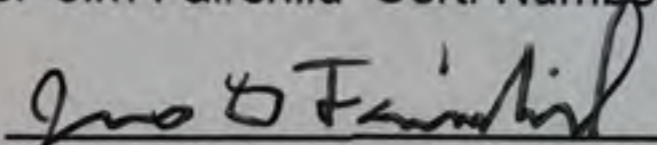
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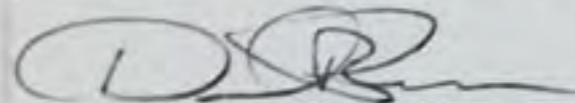
## MAINTENANCE RECORD

DATE	TOTAL TIME IN SERVICE		DESCRIPTION OF THE WORK PERFORMED	AUTHORIZED SIGNATURE, CERTIFICATE TYPE & NUMBER
	HOURS	10THS		
			4/1/2013 M20J N5216E s/n 24-1658 403.93 Tach 1917.03 ATT Performed Annual Inspection	
			Replaced ELT battery due again in March 2015. Inspected and tested ELT in accordance with Part 91.207(d). Complied with AD 2011-26-04, inspection of fuel injection lines. Due in 100 hours at 503.93 hours tach. Complied with AD 2012-05-09 inspection of tail pitch trim assembly. Installation is correct no further action required. AD 2012-03-06 fuel servo diaphragm failure is n/a, part not installed. AD 2012 -03-07 H A-6 carburetor mixture control sleeve loose is n/a, part not installed. AD 2012-19-01 crankshaft failure is n/a, part not installed. Replaced tanis pilot light. I certify this aircraft has been inspected in accordance with an Annual Inspection and was determined to be airworthy.	
			Don Pearson  IA# 2655566 St. Cloud Aviation, STC, MN.	

# MAINTENANCE RECORD

TE	TOTAL TIME IN SERVICE		DESCRIPTION OF THE WORK PERFORMED	AUTHORIZED SIGNATURE CERTIFICATE TYPE & NUMBER
	HOURS	10THS		
			<p>Date: 4/01/2013; Aircraft: N5216E; Type: M20J; S/N: 24-1658; Total Time: 1917.10                      Performed Transponder, altimeter and encoder test.                      I certify that the altimeter, static system, transponder and altitude reporter test required by FARs 91.411, 91.413 and 91.217 have been performed and found to be within the limits of FAR43 appendices E and F and AC43.6b.                      Tested to 20 Kft.                      Altimeter #1 Model 5934PA-1 s/n 1E836                      Transponder #1 Model GTX330 s/n 84108381                      Encoder #1 Model AT3000 s/n 4087  <b>MAINTENANCE RELEASE</b>                      The component identified was repaired and inspected in accordance with current regulations of the Federal Aviation Administration and is approved for return to service.</p> <p>Name: Jim Fairchild Cert. Number: 2429051 R&amp;I</p> <p>Sign: <u></u> Date: 4/1/2013</p> <p>CRS # BDKR393C STC Aviation Inc. 1544 45th Ave SE St. Cloud MN 56304</p>	


## MAINTENANCE RECORD

DATE	TOTAL TIME IN SERVICE		DESCRIPTION OF THE WORK PERFORMED	AUTHORIZED SIGNATURE, CERTIFICATE TYPE & NUMBER
	HOURS	10THS		
			<p>Date: 6/16/2014; Aircraft: N5216E; Type: M20J; S/N: 24-1658; Hobbs:; Tach: 435.17; Total Time: 1948.27</p> <p>Performed Annual Inspection. Inspected and tested ELT in accordance with Part 91.207(d), battery due March 2015. Complied with AD2011-26-04, Inspection of fuel injection lines. Due in 100 hours @535.17 Tach. Cleaned, inspected and relubed all wheel bearings. Replaced battery with new Gill G-35, s/n G02803834. Replaced tailpipe shock mount.</p> <p>I certify this aircraft has been inspected in accordance with an Annual Inspection and was determined to be in airworthy condition.</p> <div style="text-align: right; margin-top: 10px;">               Don Pearson IA #2655566         </div> <p>St. Cloud Aviation, 1544 45th Avenue SE, St. Cloud, MN 56304</p>	

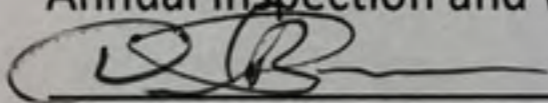




## MAINTENANCE RECORD

DATE	TOTAL TIME IN SERVICE		DESCRIPTION OF THE WORK PERFORMED	AUTHORIZED SIGNATURE, CERTIFICATE TYPE & NUMBER
	HOURS	10THS		
			<p>Date: 8/01/2015; Aircraft: N5216E; Type: M20J; S/N: 24-1658; Hobbs:; Tach: 437.87; Total Time: 1950.97</p> <p>Performed Annual Inspection. Inspected and tested ELT in accordance with Part 91.207(d). Replaced battery, due Aug 2017. Complied with AD2011-26-04 inspection of fuel injection lines, due in 100 hours @ 537.87 tach, 2050.97 ATT. Replaced both fuel caps large orings.</p> <p>I certify this aircraft has been inspected in accordance with an Annual Inspection and was determined to be in airworthy condition.</p> <div style="text-align: right; margin-top: 20px;">                       Don Pearson A &amp; P 2655566                      St. Cloud Aviation, 1544 45th Avenue SE, St. Cloud, MN 56304                 </div>	

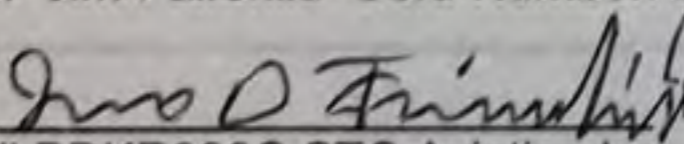
## MAINTENANCE RECORD

DATE	TOTAL TIME IN SERVICE		DESCRIPTION OF THE WORK PERFORMED	AUTHORIZED SIGNATURE CERTIFICATE TYPE & NUMBER
	HOURS	10THS		
			<p>9/1/2016                      N5216E                      Tach 440.2</p> <p style="margin-left: 250px;">S/N 24-1658                      ATT 1953.3</p> <p>Performed annual inspection in accordance with Appendix D of Part 43, Title 14, CFR. Inspected and tested ELT in accordance with Part 91.207(d). Battery due replacement Aug, 2017. I certify this aircraft has been inspected in accordance with an Annual Inspection and was determined to be airworthy.</p> <p>  <span style="margin-left: 20px;">Don Pearson IA# 2655566</span>                      St. Cloud Aviation, STC, MN, USA.                 </p>	

## MAINTENANCE RECORD

DATE	TOTAL TIME IN SERVICE		DESCRIPTION OF THE WORK PERFORMED	AUTHORIZED SIGNATURE, CERTIFICATE TYPE & NUMBER
	HOURS	10THS		
			<p>Date: 8/07/2017; Aircraft: N5216E; Type: M20J; S/N: 24-1658; Tach: 455.75                      Performed Transponder, altimeter and encoder test.                      I certify that the altimeter, static system, transponder and altitude reporter test required by FARs 91.411, 91.413 and 91.217 have been performed and found to be within the limits of FAR43 appendices E and F and AC43.6b.                      Tested to 20 Kft.</p>	
			<p>Altimeter #1      Model 5934PA-1    s/n 1E636                      Transponder #1    Model GTX345        s/n 3EG007524                      Encoder #1        Model A-30.9        s/n 143451</p>	
			<p><b>MAINTENANCE RELEASE</b></p>	
			<p>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. Pertinent details of the repair are on file at this repair station under:</p>	
			<p>Work Order # 17-10124 Today's Date 08/07/2017                      Name: Chad Morley R &amp; I 3818440</p>	
			<p>Sign:  Date: 08/07/2017                      CRS # BDKR393C STC Aviation, Inc. 1544 45th Ave SE St. Cloud MN 56304</p>	

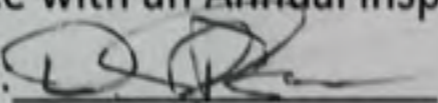
## MAINTENANCE RECORD

TOTAL TIME IN SERVICE		DESCRIPTION OF THE WORK PERFORMED	AUTHORIZED SIGNATURE, CERTIFICATE TYPE & NUMBER
HOURS	10THS		
		<p>Date: 8/10/2017; Aircraft: N5216E; Type: M20J; S/N: 24-1658; Tach: 455.75                      Removed GTX330 transponder and AT3000 and 428-2003 encoders. Installed GTX345 ADS-B transponder and A-30.9 encoder. Wired the GTX345 to an existing GNS530W and KMA24. The A-30.9 provides altitude to the GTX345 and an existing Apollo altitrac. As installed the GTX345 ADS-B out system meets the requirements of 14 CFR section 91.227. Updated weight and balance. See 337 form dated 08/10/2017.</p> <p style="text-align: center;"><b>MAINTENANCE RELEASE</b></p> <p>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. Pertinent details of the repair are on file at this repair station under:                      Work Order # 17-10124 Today's Date 08/10/2017                      Name: Jim Fairchild Cert. Number: 2429051 R&amp;I</p> <p>Sign:  Date: 08/10/2017                      CRS # BDKR393C STC Aviation Inc. 1544 45th Ave SE St. Cloud MN 56304</p>	

## MAINTENANCE RECORD

DATE	TOTAL TIME IN SERVICE		DESCRIPTION OF THE WORK PERFORMED	AUTHORIZED SIGNATURE, CERTIFICATE TYPE & NUMBER
	HOURS	10THS		
			<p>10/10/2017                      N5216E                      459.26 Tach  s/n 24-1658                      M20J                      1972.36 ATT</p> <p style="text-align: center;">Performed Annual Inspection</p> <p>Replaced ELT battery due again in Oct, 2018. Inspected and tested ELT in accordance with Part 91.207(d). Replaced wing tie down fittings. Replaced engine induction filter p/n BA-6205.</p> <p>I certify this aircraft has been inspected in accordance with an Annual Inspection and was determined to be airworthy.</p> <div style="display: flex; align-items: center;"> <div style="margin-left: 10px;"> <p>Don Pearson IA2655566  St. Cloud Aviation, STC, MN, USA.</p> </div> </div>	

## MAINTENANCE RECORD

DATE	TOTAL TIME IN SERVICE		DESCRIPTION OF THE WORK PERFORMED	AUTHORIZED SIGNATURE, CERTIFICATE TYPE & NUMBER
	HOURS	10THS		
			<p style="text-align: center;">12/1/2018                      N5216E                      459.5 Tach</p> <p style="text-align: center;">s/n 24-1658                      M20J                      1972.60 ATT</p> <p style="text-align: center;">Performed Annual Inspection</p> <p>Inspected and tested ELT in accordance with Part 91.207 (d) 1-4. Battery due Aug/ 2019. Replaced mixture control with new control p/n 660226-005 from Mooney International Corp, Kerrville, TX. Replaced orings in both fuel tank filler caps. I certify this aircraft has been inspected in accordance with an Annual Inspection and was determined to be airworthy. <u></u></p> <p style="text-align: center;">Don Pearson IA 2655566 St. Cloud Aviation STC MN USA.</p>	