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THE **adlog**TM AIRCRAFT
MAINTENANCE
RECORDKEEPING
SYSTEM

**AIRFRAME
MAINTENANCE
RECORDS**



AIRFRAME MAINTENANCE RECORDS

Log No. 2
Aircraft Registration No. N583PW
Aircraft Mfg. CIRRUS Model SR20S Serial No. 2043

Engine Mfg. CMI Model IO-360-ES Serial No. (see engine log)
Engine Mfg. _____ Model _____ Serial No. _____

Propeller Mfg. Hartzell Model BHC-J2YF-1BF/F76⁹⁴ Serial No. (see prop log)

Hub Design No. _____ Hub Serial No. _____

Blade Design No. _____ Blade Serial No's. _____

Propeller Mfg. _____ Model _____ Serial No. _____

Hub Design No. _____ Hub Serial No. _____

Blade Design No. _____ Blade Serial No's. _____

(All applicable information must be filled in)



AEROTECH PUBLICATIONS INC.

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1-800-235-6444

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DATE	TOTAL TIME IN SERVICE	TACH OR RECORDING METER TIME	DESCRIPTION OF WORK PERFORMED— SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK
	2324		TOTAL brought forward from previous page
2/09/15	2373	2373	<p>N583PU S/N: 2043 February 9, 2015 Maintenance HMTR: 2373 TTA: 2373</p> <p>1) Complied with Cirrus Progressive Inspection Program 50-Hour Inspection IAW SR20 AMM p/n: 12167-001, section 05-20. Next inspection due at 2423 hours (maintenance hourmeter time). 2) Installed new right main tire/wheel assy. p/n: 13399-101, s/n: A1F40612. 3) Installed new left main tire/wheel assy. p/n: 13399-101, s/n: 1034S00420. 4) Installed new right brake pads, p/n: 66-105.</p> <p><i>Richard H. Childers</i> Signature and A&P# 213676 J</p> <p>I certify that in accordance with the Cirrus Progressive Inspection Program a 50-Hour Inspection was performed and this airframe is approved for return to service.</p> <p><i>Robert E. Allen</i> AP311921918 JA Signature and A&P/IA #</p>
03/11/15	2422	2422	<p>N583PU S/N: 2042 March 11, 2015 Maintenance HMTR: 2422 TTA: 2422</p> <p>1) Complied with Cirrus Progressive Inspection Program Phase 3 inspection IAW SR20 AMM p/n: 12167-001, section 05-20. Next inspection due at 2472 hours (maintenance hourmeter time). 2) Replaced 2 ea. #2 batteries, P/N 50979-001. 3) Replaced LH brake pads, 4 ea. P/N 066-10500.</p> <p><i>Richard H. Childers</i> Signature and A&P# 213676 J</p> <p>I certify that in accordance with the Cirrus Progressive Inspection Program a Routine Inspection of the Engine Group and a Detailed Inspection of the Landing Gear Group were performed and this airframe is approved for return to service.</p> <p><i>John B...</i> A+P 2725795 JA Signature and A&P/IA #</p>
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			TOTAL-Carry forward to next page

DATE	TOTAL TIME IN SERVICE	TACH OR RECORDING METER TIME	DESCRIPTION OF WORK PERFORMED— SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK
	2422		TOTAL brought forward from previous page
4-6-15	2472	2472	<p>N583PU S/N: 2043 Maintenance HMTR: 2472</p> <p>1) Complied with Cirrus Progressive Inspection Program 50-Hour Inspection IAW SR20 AMM p/n: 12167-001, section 05-20. Next inspection due at 2522 hours (maintenance hourmeter time). 2) Installed new #2 batteries p/n: 50979-001.</p> <p><i>Richard H. Childers</i> Signature and A&P# 213676 J</p> <p>I certify that in accordance with the Cirrus Progressive Inspection Program a 50-Hour Inspection was performed and this airframe is approved for return to service.</p>
5-01-15	2522	2522	<p>N583PU S/N: 2042 Maintenance HMTR: 2522</p> <p>1) Complied with Cirrus Progressive Inspection Program Phase 3 inspection IAW SR20 AMM p/n: 12167-001, section 05-20. Next inspection due at 2572 hours (maintenance hourmeter time). 2) Complied with Cirrus Progressive Inspection Program Phase 3 inspection IAW SR20 AMM p/n: 12167-001, section 05-20. Next inspection due at 2572 hours (maintenance hourmeter time). 3) Complied with Cirrus Progressive Inspection Program Phase 3 inspection IAW SR20 AMM p/n: 12167-001, section 05-20. Next inspection due at 2572 hours (maintenance hourmeter time). 4) Complied with Cirrus Progressive Inspection Program Phase 3 inspection IAW SR20 AMM p/n: 12167-001, section 05-20. Next inspection due at 2572 hours (maintenance hourmeter time).</p> <p><i>Richard H. Childers</i> Signature and A&P# 213676 J</p> <p>I certify that in accordance with the Cirrus Progressive Inspection Program a Routine Inspection of the Engine Group and a Detailed Inspection of the Landing Gear Group were performed and this airframe is approved for return to service.</p>
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			TOTAL-Carry forward to next page

SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK
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MTR: 2373 S/N: 2043
February 9, 2015
TTA: 2373
with Cirrus Progressive Inspection Program 50-Hour Inspection IAW
p/n: 12167-001, section 05-20. Next inspection due at 2423 hours
(maintenance hourmeter time).
new right main tire/wheel assy. p/n: 13399-101, s/n: A1F40612.
new left main tire/wheel assy. p/n: 13399-101, s/n: 1034S00420.
new right brake pads, p/n: 66-105.

Richard H. Childers
Signature and A&P# 2136763
In accordance with the Cirrus Progressive Inspection Program a 50-
Hour Inspection was performed and this airframe is approved for return to service.

Robert E. Allen AP311921918 JA
Signature and A&P/IA #

S/N: 2042 March 11, 2015
TTA: 2422
Cirrus Progressive Inspection Program Phase 3 inspection IAW
p/n: 12167-001, section 05-20. Next inspection due at 2472 hours
(hourmeter time).
batteries, P/N 50979-001.
pads, 4 ea. P/N 066-10500.

Richard H. Childers
Signature and A&P# 2136763
In accordance with the Cirrus Progressive Inspection Program a
Detailed Inspection of the Landing
Gear Group and this airframe is approved for return to service.

John R. Allen AP2725795 IA
Signature and A&P/IA #

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DATE	TOTAL TIME IN SERVICE	TACH OR RECORDING METER TIME	DESCRIPTION OF WORK PERFORMED— SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK
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4-6-15	2472	2472	<p>N583PU Maintenance HMTR: 2472 S/N: 2043 April 6, 2015 TTA: 2472</p> <p>1) Complied with Cirrus Progressive Inspection Program 50-Hour Inspection IAW SR20 AMM p/n: 12167-001, section 05-20. Next inspection due at 2522 hours (maintenance hourmeter time). 2) Installed new #2 batteries p/n: 50979-001.</p> <p><u>Christopher P. Ramsey</u> AP2838538 Signature and A&P#</p> <p>I certify that in accordance with the Cirrus Progressive Inspection Program a 50- Hour Inspection was performed and this airframe is approved for return to service.</p> <p><u>Robert E. Allen</u> AP311921918 JA Signature and A&P/IA #</p>
5-01-15	2522	2522	<p>N583PU Maintenance HMTR: 2522 S/N: 2043 May 1, 2015 TTA: 2522</p> <p>1) Complied with Cirrus Progressive Inspection Program Phase 2 inspection IAW SR20 AMM p/n: 12167-001, section 05-20. Next inspection due at 2572 hours (maintenance hourmeter time). 2) Complied with 500-hour torque verification of engine mount weldment and lower mount attach fitting attachment bolts. 3) Complied with 5-year replacement of RCPI battery by installing new Duracell 28L battery. 4) Complied with 5-year replacement of LH and RH brake caliper o-rings by installing new M83461/1/222 o-rings.</p> <p><u>Christopher P. Ramsey</u> AP2838538 Signature and A&P#</p> <p>I certify that in accordance with the Cirrus Progressive Inspection Program a Routine Inspection of the Landing Gear Group and a Detailed Inspection of the Engine Group and Propeller Group were performed and this airframe is approved for return to service.</p> <p><u>Robert E. Allen</u> AP311921918 JA Signature and A&P/IA #</p>
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DATE	TOTAL TIME IN SERVICE	TACH OR RECORDING METER TIME	DESCRIPTION OF WORK PERFORMED— SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK
			TOTAL brought forward from previous page
11/01/15	2580	2571	N583PU Maintenance HMTR: 2571 S/N: 2043 June 11, 2015 TTA: 2571 1) Complied with Cirrus Progressive Inspection Program 50-Hour Inspection IAW SR20 AMM p/n: 12167-001, section 05-20. Next inspection due at 2621 hours (maintenance hourmeter time). 2) Installed new right main tire/wheel assy. p/n: 13399-101, s/n: 1156W0025. 3) Installed new left main tire/wheel assy. p/n: 13399-101, s/n: 8062W00221. Signature and A&P# <u>AEP 3573862</u> I certify that in accordance with the Cirrus Progressive Inspection Program a 50-Hour Inspection was performed and this airframe is approved for return to service. Signature and A&P/IA # <u>Robert E. Allen AP3119219131A</u>
6-12-15	2571	2571	Complied with Cirrus SB 2X-42-10, Perspective Avionics Software Update v0764.23, dated 05/05/15, by installation of Cirrus Perspective software v0764.23 in accordance with paragraph (11). Signature and A&P # <u>Mark Hopkins AP2785650</u>
8-7-15	2594	2594	Removed Alakai Engine Trend Monitoring System (ETMS) and revised aircraft weight and balance (see FAA Form 337 dated 08/07/15). Signature and A&P # <u>Mark Hopkins AP2785650</u>
8-21-15	2600	2600	Complied with Cirrus SB2X-28-12R1, Electric Fuel Pump Inspection, dated 08/19/15 by incorporation of AMM Temporary Revision 20AMM_TR_05-20-06 into Phase Inspection Program in accordance with paragraph (11)(A)(1) and POH Temporary Revision 15-23 into AFM/POH in accordance with paragraph (11)(A)(4). Paragraph (11)(A)(2), Functional Test – Electric Fuel Pump Leak Check, complied with at each Phase 2 inspection in accordance with 20AMM_TR_05-20-01. Signature and A&P # <u>Mark Hopkins AP2785650</u> Mark Hopkins A&P2785650
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DATE	TOTAL TIME IN SERVICE	TACH OR RECORDING METER TIME	DESCRIPTION OF WORK PERFORMED— SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK
	2600		TOTAL brought forward from previous page
9-3-15	2606	2606	N583PU Maintenance Hourmeter: 2606 S/N: 2043 1) Complied with Cirrus Progressive Inspection Program 50-Hour Inspection IAW SR20 AMM p/n: 12167-001, section 05-20. Next inspection due at 2656 hours (maintenance hourmeter time). 2) Complied with 500-hour torque inspection. Next inspection due at 2656 hours. 3) Replaced throttle quadrant cable. 4) Installed repaired upper pulley. 5) Installed repaired nose wheel. 6) Installed new Fire extinguisher. 7) Complied with ELT Inspection. I certify that in accordance with the Cirrus Progressive Inspection Program a 50-Hour Inspection was performed and this airframe is approved for return to service. Signature and A&P/IA #
9-16-15	2655	2655	N583PU Maintenance Hourmeter: 2655 S/N: 2043 1) Complied with Cirrus Progressive Inspection Program 50-Hour Inspection IAW SR20 AMM p/n: 12167-001, section 05-20. Next inspection due at 2706 hours (maintenance hourmeter time). 2) Installed new right main tire/wheel assy. p/n: 13399-101, s/n: 1156W0025. 3) Installed new left main tire/wheel assy. p/n: 13399-101, s/n: 8062W00221. Signature and A&P #
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SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK

DESCRIPTION OF WORK PERFORMED—

June 11, 2015
TTA: 2571

NSE3PU
Maintenance HMTR: 2571

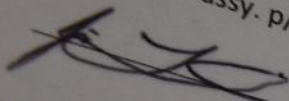
S/N: 2043

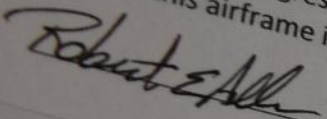
1) Complied with Cirrus Progressive Inspection Program 50-Hour Inspection IAW SR20 AMM p/n: 12167-001, section 05-20. Next inspection due at 2621 hours (maintenance hourmeter time).

2) Installed new right main tire/wheel assy. p/n: 13399-101, s/n: 1156W0025.

3) Installed new left main tire/wheel assy. p/n: 13399-101, s/n: 8062W00221.

I certify that in accordance with the Cirrus Progressive Inspection Program a 50-Hour inspection was performed and this airframe is approved for return to service.


Signature and A&P# AEP 3573862


Signature and A&P/IA # AP3119219B LA

Complied with

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DATE	TOTAL TIME IN SERVICE	TACH OR RECORDING METER TIME		
	2600		TOTAL brought forward from previous page	
9-3-15	2606	2606	N583PU S/N: 2043 September 3, 2015 Maintenance Hourmeter: 2606 TTA: 2606 1) Complied with Cirrus Progressive Inspection Program Phase 2, Phase 4, Phase 5, and 50-Hour inspections IAW SR20 AMM p/n: 12167-001, section 05-20. Next inspection due at 2656 hours (maintenance hourmeter time). 2) Complied with 500-hour torque verification of engine mount weldment and lower mount attach fitting attachment bolts. 3) Replaced throttle quadrant cam follower bolt (p/n: AN3-10). 4) Installed repaired upper puck pan assy. p/n: 18824-001. 5) Installed repaired nose wheel/tire assy. p/n: 12798-001, s/n: 41157653. 6) Installed new Fire extinguisher m/n: A344, s/n: B-02759550. 7) Complied with ELT Inspection IAW FAR 91.207(d). ELT battery due 5/2016. <i>Richard H. Childman</i> Signature and A&P# 2126783	
			I certify that in accordance with the Cirrus Progressive Inspection Program a Routine Inspection of the Landing Gear Group and a Detailed Inspection of the Engine Group, Propeller Group, Fuselage and Empennage Group, Cabin Group, Radio Group were performed and this airframe is approved for return to service. <i>Robert E. Allen</i> AP311921915 Signature and A&P/IA #	
			I certify that in accordance with the Cirrus Progressive Inspection Program Cycle <u>6</u> has been completed and this aircraft is approved for return to service. <i>Robert E. Allen</i> AP311921918 DA Signature and A&P/IA #	
9-16-15	2655	2655	N583PU S/N: 2045 September Maintenance HMTR: 2655 1) Complied with Cirrus Progressive Inspection Program 50-Hour Inspection SR20 AMM p/n: 12167-001, section 05-20. Next inspection due at 2705 hours (maintenance hourmeter time). 2) Installed new RH tire/wheel assy. p/n: 13399-101, s/n: 8205183 <i>Stephen P. Ramsey</i> AP311921919 Signature and A&P/IA #	
			I certify that in accordance with the Cirrus Progressive Inspection Program a 50-Hour Inspection was performed and this airframe is approved for return to service. <i>Robert E. Allen</i> AP311921920 Signature and A&P/IA #	
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DATE	TOTAL TIME IN SERVICE	TACH OR RECORDING METER TIME	DESCRIPTION OF WORK PERFORMED— SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK
TOTAL brought forward from previous page			October 20, 2015 TTA: 2704
10-20-15	2704	2704	N583PU Maintenance HMTR: 2704 S/N: 2043 1) Complied with Cirrus Progressive Inspection Program Phase 1 inspection IAW SR20 AMM p/n: 12167-001, section 05-20. Next inspection due at 2754 hours (maintenance hourmeter time). 2) Alternator #1 (p/n: ES-4024LP, s/n: H-0070039) 500-hour inspection complied with IAW Hartzell Engine Technologies Aircraft Alternators & Starters Overhaul Manual p/n: OE-A2 (see component record for details). 3) Alternator #2 (p/n: 653344, s/n: H-G-031403) 500-hour inspection complied with IAW Hartzell Engine Technologies Aircraft Alternators & Starters Overhaul Manual p/n: OE-A2 (see component record for details). 4) Replaced LH and RH brake linings 8ea p/n: 66-105. I certify that in accordance with the Cirrus Progressive Inspection Program a Routine Inspection of the Engine Group and Landing Gear Group and a Detailed Inspection of the Wing Group were performed and this airframe is approved for return to service. Signature and A&P/IA # 2136763
11-05-15	2754	2754	N583PU Maintenance HMTR: 2754 S/N: 2043 November 5, 2015 TTA: 2754 1) Complied with Cirrus Progressive Inspection Program 50-Hour Inspection IAW SR20 AMM p/n: 12167-001, section 05-20. Next inspection due at 2804 hours (maintenance hourmeter time). 2) Installed new left main tire/wheel assy. p/n: 13399-101, s/n: 20657541. 3) Installed new #6 cylinder EGT probe p/n: 24585-001. I certify that in accordance with the Cirrus Progressive Inspection Program a 50-Hour Inspection was performed and this airframe is approved for return to service. Signature and A&P/IA #
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DATE	TOTAL TIME IN SERVICE	TACH OR RECORDING METER TIME	DESCRIPTION OF WORK PERFORMED— SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK
TOTAL brought forward from previous page			S/N: 2
12-5-15	2804	2804	N583PU Maintenance HMTR: 2804 1) Complied with Cirrus Progressive SR20 AMM p/n: 12167-001, section 05-20. Next inspection due at 2854 hours (maintenance hourmeter time). 2) Complied with 500-hour torque check of lower mount attach fitting at R&R RH main wheel & tire assembly. 3) R&R LH INBD exhaust spring 51381-001 spring. I certify that in accordance with the Cirrus Progressive Inspection Program a Routine Inspection of the Engine Group and Propeller Group were performed and this airframe is approved for return to service.
2-3-16	2853	2853	N583PU Maintenance HMTR: 2853 1) Complied with Cirrus Progressive SR20 AMM p/n: 12167-001, section 05-20. Next inspection due at 2904 hours (maintenance hourmeter time). 2) R&R CAPS 100-8753 and 100-8754. I certify that in accordance with the Cirrus Progressive Inspection Program a 50-Hour Inspection was performed and this airframe is approved for return to service.
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DATE	TOTAL TIME IN SERVICE	TACH OR RECORDING METER TIME	DESCRIPTION OF WORK PERFORMED— SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK
<p>TOTAL brought forward from previous page</p> <p>2704</p> <p>N583PU Maintenance HMTR: 2704 S/N: 2043</p> <p>October 20, 2015 TTA: 2704</p> <p>1) Complied with Cirrus Progressive Inspection Program Phase 1 inspection IAW SR20 AMM p/n: 12167-001, section 05-20. Next inspection due at 2754 hours (maintenance hourmeter time).</p> <p>2) Alternator #1 (p/n: ES-4024LP, s/n: H-0070039) 500-hour inspection complied with IAW Hartzell Engine Technologies Aircraft Alternators & Starters Overhaul Manual p/n: OE-A2 (see component record for details).</p> <p>3) Alternator #2 (p/n: 653344, s/n: H-G-031403) 500-hour inspection complied with IAW Hartzell Engine Technologies Aircraft Alternators & Starters Overhaul Manual p/n: OE-A2 (see component record for details).</p> <p>4) Replaced LH and RH brake linings 8ea p/n: 66-105.</p> <p><i>Richard H. Childum</i> Signature and A&P# 2136763</p> <p>I certify that in accordance with the Cirrus Progressive Inspection Program a Routine Inspection of the Engine Group and Landing Gear Group and a Detailed Inspection of the Wing Group were performed and this airframe is approved for return to service.</p> <p><i>Yusuf A. A.P. 2715253IA</i> Signature and A&P/IA #</p>			

<p>N583PU Maintenance HMTR: 2754 S/N: 2043</p> <p>November 5, 2015 TTA: 2754</p> <p>Complied with Cirrus Progressive Inspection Program 50-Hour Inspection IAW SR20 AMM p/n: 12167-001, section 05-20. Next inspection due at 2804 hours (maintenance hourmeter time).</p> <p>Installed new left main tire/wheel assy. p/n: 13399-101, s/n: 20657541.</p> <p>Installed new #6 cylinder EGT probe p/n: 24585-001.</p> <p><i>Richard H. Childum</i> Signature and A&P#</p> <p>I certify that in accordance with the Cirrus Progressive Inspection Program a 50-Hour Inspection was performed and this airframe is approved for return to service.</p> <p><i>Robert E. Allen</i> Signature and A&P/IA #</p>			
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DATE	TOTAL TIME IN SERVICE	TACH OR RECORDING METER TIME	DESCRIPTION OF WORK PERFORMED— SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK
<p>TOTAL brought forward from previous page</p> <p>12-5-15 2804 2804</p> <p>N583PU Maintenance HMTR: 2804 S/N: 2043</p> <p>December 5, 2015 TTA: 2804</p> <p>1) Complied with Cirrus Progressive Inspection Program Phase 2 inspection IAW SR20 AMM p/n: 12167-001, section 05-20. Next inspection due at 2854 hours (maintenance hourmeter time).</p> <p>2) Complied with 500-hour torque verification of engine mount weldment and lower mount attach fitting attachment bolts.</p> <p>3) R&R RH main wheel & tire assy., P/N 13399-101; S/N tire on: A1F40607.</p> <p>4) R&R LH INBD exhaust spring hanger & spring, P/N 20599-001 hanger & P/N 51381-001 spring.</p> <p><i>Richard H. Childum</i> Signature and A&P# 2136763</p> <p>I certify that in accordance with the Cirrus Progressive Inspection Program a Routine Inspection of the Landing Gear Group and a Detailed Inspection of the Engine Group and Propeller Group were performed and this airframe is approved for return to service.</p> <p><i>Yusuf A. A.P. 2725795IA</i> Signature and A&P/IA #</p>			
<p>2-3-16 2853 2853</p> <p>N583PU Maintenance HMTR: 2853 S/N: 2043</p> <p>February 3, 2016 TTA: 2853</p> <p>1) Complied with Cirrus Progressive Inspection Program 50-Hour Inspection IAW SR20 AMM p/n: 12167-001, section 05-20. Next inspection due at 2903 hours (maintenance hourmeter time). 26707-001 1RB</p> <p>2) R&R CAPS line cutters, 2 ea. P/N 25347-002 manufactured 11/2015; S/N's: 8753 and 8730. Next due replacement: 11/2021.</p> <p><i>Richard H. Childum</i> Signature and A&P#</p> <p>I certify that in accordance with the Cirrus Progressive Inspection Program a 50-Hour Inspection was performed and this airframe is approved for return to service.</p> <p><i>Yusuf A. A.P. 2725795IA</i> Signature and A&P/IA #</p>			
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Page No.			DESCRIPTION OF WORK PERFORMED— SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK	
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3-11-16	2902	2902	N583PU Maintenance HMTR: 2902 S/N: 2043 March 11, 2016 TTA: 2902 1) Complied with Cirrus Progressive Inspection Program Phase 3 inspection IAW SR20 AMM p/n: 12167-001, section 05-20. Next inspection due at 2952 hours (maintenance hourmeter time). 2) LH Muffler due 1000-Hour replacement; R&R LH Muffler, P/N 20560-00. 3) RH Exchanger/Muffler due 1000-hour replacement; R&R RH Exchanger/Muffler, P/N A20559-004. 4) Complied with 1000-hour/10-year electrical bonding and shielding check. 5) R&R 2 ea. #2 battery. 6) R&R glove box lanyard, P/N 15062-001. 7) R&R LH main tire & wheel assy., P/N 13399-101; S/N tire on: 7226W00220. <i>Richard H. Childers</i> Signature and A&P# 2136763 I certify that in accordance with the Cirrus Progressive Inspection Program a Routine Inspection of the Engine Group and a Detailed Inspection of the Landing Gear Group were performed and this airframe is approved for return to service. <i>[Signature]</i> A-P2725795-1A Signature and A&P/IA #	
4-12-16	2951	2951	N583PU Maintenance HMTR: 2951 S/N: 2043 April 12, 2016 TTA: 2951 1) Complied with Cirrus Progressive Inspection Program 50-Hour Inspection IAW SR20 AMM p/n: 12167-001, section 05-20. Next inspection due at 3001 hours (maintenance hourmeter time). 2) Replaced RH MLG tire/wheel assy p/n: 13399-101, tire s/n on: 10762033. 3) Replaced RH brake linings 4ea APS65-10500. <i>Richard W. Allen</i> AP30471071 Signature and A&P# I certify that in accordance with the Cirrus Progressive Inspection Program a 50-Hour Inspection was performed and this airframe is approved for return to service. <i>Wahl Dnr</i> AP27152531A Signature and A&P/IA #	
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Page No.			DESCRIPTION OF WORK PERFORMED— SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK	
DATE	TOTAL TIME IN SERVICE	TACH OR RECORDING METER TIME		
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4-28-16	3006	3006	N583PU Maintenance HMTR: 3000 S/N: 2043 1) Complied with Cirrus Progressive Inspection SR20 AMM p/n: 12167-001, section 05-20. 3050 hours (maintenance hourmeter time). 2) Complied with 500-hour torque verification lower mount attach fitting attachment b 3) Complied with 24 month #1 battery s/n 4) Replace lower traffic antenna p/n: AV- <i>Richard H. Childers</i> I certify that in accordance with the Cirrus Routine Inspection of the Landing Gear Engine Group and Propeller Group were performed and this airframe is approved for return to service. <i>[Signature]</i> Installed new ELT Battery p/n: 91.207(d). s/n: 3 Replacement of <i>Robert [Signature]</i>	
5-26-16	3029	3029		
6-13-16	3049	3049	N583PU Maintenance HMTR: 3049 1) Complied with Cirrus SR20 AMM p/n: 12167-001, section 05-20. (maintenance hourmeter time). 2) R&R RH MLG wheel 3) R&R LH MLG wheel I certify that in accordance with the Cirrus 50-Hour Inspection was performed and this airframe is approved for return to service.	
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TOTAL TIME IN SERVICE	TACH OR RECORDING METER TIME	DESCRIPTION OF WORK PERFORMED— SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK
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2902	N583PU Maintenance HMTR: 2902	S/N: 2043 March 11, 2016 TTA: 2902
1) Complied with Cirrus Progressive Inspection Program Phase 3 inspection IAW SR20 AMM p/n: 12167-001, section 05-20. Next inspection due at 2952 hours (maintenance hourmeter time).		
2) LH Muffler due 1000-Hour replacement; R&R LH Muffler, P/N 20560-00.		
3) RH Exchanger/Muffler due 1000-hour replacement; R&R RH Exchanger/Muffler, P/N A20559-004.		
4) Complied with 1000-hour/10-year electrical bonding and shielding check.		
5) R&R 2 ea. #2 battery.		
6) R&R glove box lanyard, P/N 15062-001.		
7) R&R LH main tire & wheel assy., P/N 13399-101; S/N tire on: 7226W00220.		
Signature and A&P# <u>Richard H. Childers</u> 2156763		
I certify that in accordance with the Cirrus Progressive Inspection Program a Routine Inspection of the Engine Group and a Detailed Inspection of the Landing Gear Group were performed and this airframe is approved for return to service.		
Signature and A&P/IA # <u>AP2725795 IA</u>		
brought forward from previous page		
SI	N583PU Maintenance HMTR: 2951	S/N: 2043 April 12, 2016 TTA: 2951
1) Complied with Cirrus Progressive Inspection Program 50-Hour Inspection IAW SR20 AMM p/n: 12167-001, section 05-20. Next inspection due at 3001 hours (maintenance hourmeter time).		
2) Replaced RH MLG tire/wheel assy p/n: 13399-101, tire s/n on: 10762033.		
3) Replaced RH brake linings 4ea APS65-10500.		
Signature and A&P# <u>Richard W. Allen</u> AP3041071		
I certify that in accordance with the Cirrus Progressive Inspection Program a 50-Hour Inspection was performed and this airframe is approved for return to service.		
Signature and A&P/IA # <u>AP2715253 IA</u>		

DATE	TOTAL TIME IN SERVICE	TACH OR RECORDING METER TIME	DESCRIPTION OF WORK PERFORMED— SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK
brought forward from previous page			Page No. _____
4-28-16	3000	3006	N583PU Maintenance HMTR: 3000 S/N: 2043 April 28, 2016 TTA: 3000
1) Complied with Cirrus Progressive Inspection Program Phase 2 inspection IAW SR20 AMM p/n: 12167-001, section 05-20. Next inspection due at 3050 hours (maintenance hourmeter time).			
2) Complied with 500-hour torque verification of engine mount weldment and lower mount attach fitting attachment bolts.			
3) Complied with 24 month #1 battery s/n: 40630891 capacity check.			
4) Replace lower traffic antenna p/n: AV-74.			
Signature and A&P# <u>Richard W. Allen</u> AP3041071			
I certify that in accordance with the Cirrus Progressive Inspection Program a Routine Inspection of the Landing Gear Group and a Detailed Inspection of the Engine Group and Propeller Group were performed and this airframe is approved for return to service.			
Signature and A&P/IA # <u>AP2715253 IA</u>			
Installed new ELT Battery p/n: 452-6499 Rev. F. Complied with FAR 91.207(d). s/n: <u>369924-017</u> Replacement due by: <u>Jun 2023</u> <u>Robert E. Allen</u> AP3119251B			
5/26/16	3029	3029	
6-13-16	3049	3049	N583PU Maintenance HMTR: 3049 S/N: 2043 June 13, 2016 TTA: 3049
1) Complied with Cirrus Progressive Inspection Program 50-Hour Inspection IAW SR20 AMM p/n: 12167-001, section 05-20. Next inspection due at 3099 hours (maintenance hourmeter time).			
2) R&R RH MLG wheel/tire assy., P/N: 13399-101; tire s/n on: 20767597.			
3) R&R LH MLG wheel/tire assy., P/N 13399-101; tire s/n on: 60897159R2.			
Signature and A&P# <u>Richard H. Childers</u> 2156763			
I certify that in accordance with the Cirrus Progressive Inspection Program a 50-Hour Inspection was performed and this airframe is approved for return to service.			
Signature and A&P/IA # <u>AP2725795 IA</u>			

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DESCRIPTION OF WORK PERFORMED—
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Date: 06-21-2016 WO# 19666
Aircraft: Cirrus SR20 N#: N583PU Hours: 3052.1

Xpndr: GTX33ES#89120058 Encoder: GDC74A#20608259
Performed preliminary inspection. Checks required by FAR 91.215, 91.217, 91.411 and 91.413 were performed in accordance with FAR 43 Appendix E and Appendix F. Altitude encoder correspondence checked within tolerance to 20,000 ft. Found to be airworthy as per work performed. Lafayette Avionics, Inc. CRS KH2R952K
X: [Signature] Joshua D. Wright

Altitude	Tolerance	S/N Aircraft
0	20	0
1000	20	-20
0	20	-15
500	20	+10
1000	25	0
1500	30	+15
2000	30	0
3000	30	0
4000	35	-5
6000	40	0
8000	60	0
10000	80	-20
12000	90	-20
14000	100	-15
16000	110	-10
18000	120	+30
20000	130	
22000	140	
25000	155	
30000	180	
35000	205	
40000	230	

I certify that the altimeter and static system tests required by FAR Part 91.411 have been performed. The altimeter was tested to 20,000 feet on 06-21-2016
Signed [Signature] W.O. 19666
#1 Lafayette Avionics, Inc.
1632 Aviation Dr
West Lafayette, IN 47906
Repair Station KH2R952K PFD

Altitude	Tolerance	S/N Aircraft
0	20	+5
1000	20	-10
0	20	0
500	20	+10
1000	20	+5
1500	25	+25
2000	30	+10
3000	35	0
4000	40	-15
6000	60	-25
8000	80	-50
10000	90	-50
12000	100	-50
14000	110	-45
16000	120	-20
18000	130	+35
20000	140	
22000	155	
25000	180	
30000	205	
35000	230	
40000	230	

I certify that the altimeter and static system tests required by FAR Part 91.411 have been performed. The altimeter was tested to 20,000 feet on 06-21-2016
Signed [Signature] W.O. 19666
#2 Lafayette Avionics, Inc.
1632 Aviation Dr
West Lafayette, IN 47906
Repair Station KH2R952K STBY

4/23/16 3052 3052

Complied with 24-month GMU 44 Magnetometer Calibration in accordance with Cirrus SR20 AMM p/n: 12137-001 chapter 34-20.
[Signature] AP319219/8

8/4/16 3090 3090

R+R'd battery #1. P/N: RG24-11M. S/N: 40777773
S/N OFF: 40630891. [Signature] AXP 2838538.

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8-5-16 3093 3093

Installed 2015 IGRF Magnetic Field Model Advisory 1612 Rev A (dated 07/11/16) and (dated 07/26/16).
[Signature]

8-25-16 3099 3099

- N583PU
Maintenance Hourmeter: 3099
- 1) Complied with Cirrus Progressive 5, and 50-Hour inspections IAW Next inspection due at 3149 hours
 - 2) Complied with 500-hour torque lower mount attach fitting at
 - 3) Complied with Cirrus SB 2X-5 dated 06/08/15, by installing brackets p/n: 20101-004 (2)
 - 4) Complied with Cirrus SB 2 Rod End Replacement, d (2 each) on LH and RH d
 - 5) Installed rebuilt Electro s/n on: RA16AUG16-5. refurbishment by 8/2
 - 6) Replaced TAS-800 tr
 - 7) Complied with ELT

I certify that in accordance with Routine Inspection of Engine Group, Propeller, and Radio Group were performed.

I certify that in accordance with Cycle 7 service.

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DATE: 06-21-2016

Aircraft: Cirrus SR20

WO# 19666

N#: N583PU

Hours: 3052.1

Encoder: GDC74A#20608259

DESCRIPTION OF WORK PERFORMED—
SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK

performed preliminary inspection. Checks required by FAR 91.215, Appendix E and Appendix F. Altitude encoder correspondence within tolerance to 29,000 ft. Found to be airworthy work performed. Lafayette Avionics, Inc. CRS KH2R952K Joshua D. Wright

Altitude	12731-003	S/N	478684
Test Equipment	Tolerance	Aircraft	
-1000	20		
0	20		+5
500	20		-10
1,000	20		0
1,500	20		+10
2,000	25		+5
3,000	30		+25
4,000	30		+10
6,000	35		0
8,000	40		-15
10,000	60		-25
12,000	80		-50
14,000	90		-50
16,000	100		-50
18,000	110		-45
20,000	120		-20
22,000	130		+35
25,000	140		
30,000	155		
35,000	180		
40,000	205		
	230		

I certify that the altimeter and static system tests required by FAR Part 91.411 have been performed. The altimeter was tested to 29,000 feet on 06-21-2016

Signed: [Signature] W.O. 19666

#2 Lafayette Avionics, Inc.
1632 Aviation Dr
West Lafayette, IN 47906
Repair Station KH2R952K STBY

Complied with 24-month GMU 44 Magnetometer Calibration in accordance with Cirrus SR20 AMM p/n: 12137-001 chapter 34-20.

[Signature] 12/19/18

Battery #1. P/N: RG24-11M.SINON 40777773 40630891

Joseph P. Dwyer AP2838538

DATE	TOTAL TIME IN SERVICE	TACH OR RECORDING METER TIME	DESCRIPTION OF WORK PERFORMED— SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK
TOTAL brought forward from previous page			
8-5-16	3093	3093	Installed 2015 IGRF Magnetic Field Model in accordance with Garmin Service Advisory 1612 Rev A (dated 07/11/16) and Cirrus Service Advisory SA16-06 (dated 07/26/16). [Signature] AP2785650
8-25-16	3099	3099	N583PU Maintenance Hourmeter: 3099 S/N: 2043 August 25, 2016 TTA: 3099 1) Complied with Cirrus Progressive Inspection Program Phase 2, Phase 4, Phase 5, and 50-Hour inspections IAW SR20 AMM p/n: 12167-001, section 05-20. Next inspection due at 3149 hours (maintenance hourmeter time). 2) Complied with 500-hour torque verification of engine mount weldment and lower mount attach fitting attachment bolts. 3) Complied with Cirrus SB 2X-55-12, Upper Rudder Hinge Bracket Replacement, dated 06/08/15, by installation of upper rudder hinge upper and lower brackets p/n: 20101-004 (2 each) in accordance with paragraph (11). 4) Complied with Cirrus SB 2X-52-08R2, Cabin Doors, Catcher / Diverter and Gas Rod End Replacement, dated 04/22/16, by installation of kit p/n: 70544-001 (2 each) on LH and RH doors in accordance with paragraph (11). 5) Installed rebuilt Electronic Module assy, (EMA) p/n: 508358-421, s/n on: RA16AUG16-5. See 8130 form dated 8/17/16 wo #115922-1. Due for refurbishment by 8/2023. Due replacement by 8/2023. 6) Replaced TAS-800 traffic system antenna cables p/n: 26666-003. 7) Complied with ELT Inspection IAW FAR 91.207(d). ELT battery due 6/2023. [Signature] 2186763 I certify that in accordance with the Cirrus Progressive Inspection Program a Routine Inspection of the Landing Gear Group and a Detailed Inspection of the Engine Group, Propeller Group, Fuselage and Empennage Group, Cabin Group, and Radio Group were performed and this airframe is approved for return to service. [Signature] AP27152532X I certify that in accordance with the Cirrus Progressive Inspection Program a Cycle 7 has been completed and this aircraft is approved for return to service. [Signature] AP27152532X

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Page No.			DESCRIPTION OF WORK PERFORMED— SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK	
DATE	TOTAL TIME IN SERVICE	TACH OR RECORDING METER TIME		
TOTAL brought forward from previous page			September 15, 2016 S/N: 2043 TTA: 3149	
9-15-16	3149	3149	N583PU Maintenance HMTR: 3149 1) Complied with Cirrus Progressive Inspection Program 50-Hour Inspection IAW SR20 AMM p/n: 12167-001, section 05-20. Next inspection due at 3199 hours (maintenance hourmeter time). 2) Replaced nose wheel/tire assembly p/n: 12798-001, tire s/n on: 60452310. 3) Replaced RH main wheel/tire assembly p/n: 13399-001, tire s/n on: 7027W00061. 4) Replaced LH main wheel/tire assembly p/n: 13399-001, tire s/n on: 3291S00106. 5) Replaced LH brake pads p/n: 66-105 (4 each). <i>Richard H. Chilokum</i> Signature and A&P# 2136763 I certify that in accordance with the Cirrus Progressive Inspection Program a 50-Hour Inspection was performed and this airframe is approved for return to service. <i>Mark Hopkin AP27856501A</i> Signature and A&P/IA #	
9-20-16	3167	3167	R&R nose wheel + tire assy., P/N 12798-001; s/n tire on: 60922148. <i>Yair AP2725795</i>	
10-20-16	3198	3198	October 20, 2016 S/N: 2043 TTA: 3198 N583PU Maintenance HMTR: 3198 1) Complied with Cirrus Progressive Inspection Program Phase 1 inspection IAW SR20 AMM p/n: 12167-001, section 05-20. Next inspection due at 3248 hours (maintenance hourmeter time). 2) Installed new #1 Alternator p/n: ES-4024LP, s/n: H-Q070470. 3) Installed serviceable #2 Alternator p/n: 653344, s/n: H-G-131508. See component sheet for details. 4) Installed new LH tire/wheel assembly p/n: 13399-101, s/n: 31612006. 5) Installed new RH brake pads p/n: APS66-105 and pressure plate p/n: 66-01100. 6) Installed serviceable #1 Field Control Module p/n: 29435-002, s/n: 647. 7) Installed new 100 amp fuse #1 Alternator p/n: 51136-100. <i>Robert EARL AP311921918</i> Signature and A&P# I certify that in accordance with the Cirrus Progressive Inspection Program a Routine Inspection of the Engine Group and Landing Gear Group and a Detailed Inspection of the Wing Group were performed and this airframe is approved for return to service. <i>Robert EARL AP311921918A</i> Signature and A&P/IA #	
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Page No.			DESCRIPTION OF WORK PERFORMED— SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK	
DATE	TOTAL TIME IN SERVICE	TACH OR RECORDING METER TIME		
TOTAL brought forward from previous page			September 15, 2016 S/N: 2043 TTA: 3149	
10-21-16	3201	3201	Installed serviceable seat cushion from energy absorber, P/N 14152-002. P/N 36-0050626-01. <i>Yair</i>	
11-2-16	3247	3247	N583PU Maintenance HMTR: 3247 1) Complied with Cirrus Progressive Inspection Program 50-Hour Inspection IAW SR20 AMM p/n: 12167-001, section 05-20. Next inspection due at 3297 hours (maintenance hourmeter time). 2) Replaced RH exhaust pipe p/n: 205-01100. <i>Mark Hopkin</i> Signature and A&P/IA # I certify that in accordance with the Cirrus Progressive Inspection Program a 50-Hour Inspection was performed and this airframe is approved for return to service. <i>Mark Hopkin AP27856501A</i> Signature and A&P/IA #	
11-23-16	3296	3296	October 20, 2016 S/N: 2043 TTA: 3198 N583PU Maintenance HMTR: 3296 1) Complied with Cirrus Progressive Inspection Program Phase 1 inspection IAW SR20 AMM p/n: 12167-001, section 05-20. Next inspection due at 3346 hours (maintenance hourmeter time). 2) Complied with 500-hour lower mount attachment inspection. 3) R&R LH main wheel/tire assembly p/n: 13399-101, s/n: 31612006. 4) R&R #2 alternator, p/n: 653344, s/n: H-G-131508. 5) R&R landing light p/n: 66-01100. I certify that in accordance with the Cirrus Progressive Inspection Program a Routine Inspection of the Engine Group and Landing Gear Group and a Detailed Inspection of the Wing Group were performed and this airframe is approved for return to service.	
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TACH OR RECORDING METER TIME	TOTAL brought forward from previous page		SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK	DESCRIPTION OF WORK PERFORMED—
3149				
<p>N583PU Maintenance HMTR: 3149 S/N: 2043</p> <p>September 15, 2016 TTA: 3149</p> <p>1) Complied with Cirrus Progressive Inspection Program 50-Hour Inspection IAW SR20 AMM p/n: 12167-001, section 05-20. Next inspection due at 3199 hours (maintenance hourmeter time).</p> <p>2) Replaced nose wheel/tire assembly p/n: 12798-001, tire s/n on: 60452310.</p> <p>3) Replaced RH main wheel/tire assembly p/n: 13399-001, tire s/n on: 7027W00061.</p> <p>4) Replaced LH main wheel/tire assembly p/n: 13399-001, tire s/n on: 3291S00106.</p> <p>5) Replaced LH brake pads p/n: 66-105 (4 each).</p>				
<p><i>Richard H. Childers</i> Signature and A&P# 2136763</p> <p>I certify that in accordance with the Cirrus Progressive Inspection Program a 50-Hour Inspection was performed and this airframe is approved for return to service.</p> <p><i>Mark Hopkin AP2785650IA</i> Signature and A&P/IA #</p>				

R&R nose wheel + tire assy., P/N 12798-001; s/n tire on: 60922198.
YAK A-P2725795

TACH OR RECORDING METER TIME	TOTAL brought forward from previous page		SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK	DESCRIPTION OF WORK PERFORMED—
<p>N583PU Maintenance HMTR: 3198 S/N: 2043</p> <p>October 20, 2016 TTA: 3198</p> <p>1) Complied with Cirrus Progressive Inspection Program Phase 1 inspection IAW SR20 AMM p/n: 12167-001, section 05-20. Next inspection due at 3248 hours (maintenance hourmeter time).</p> <p>Installed new #1 Alternator p/n: ES-4024LP, s/n: H-Q070470.</p> <p>Installed serviceable #2 Alternator p/n: 653344, s/n: H-G-131508. See component sheet for details.</p> <p>Installed new LH tire/wheel assembly p/n: 13399-101, s/n: 31612006.</p> <p>Installed new RH brake pads p/n: APS66-105 and pressure plate p/n: 66-01100.</p> <p>Installed serviceable #1 Field Control Module p/n: 29435-002, s/n: 647.</p> <p>Installed new 100 amp fuse #1 Alternator p/n: 51136-100.</p>				
<p><i>Robert E. All AP311921918</i> Signature and A&P#</p>				

that in accordance with the Cirrus Progressive Inspection Program a inspection of the Engine Group and Landing Gear Group and a Detailed inspection of the Wing Group were performed and this airframe is approved for service.

Robert E. All AP311921918IA
Signature and A&P/IA #

TOTAL brought forward from previous page			SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK	DESCRIPTION OF WORK PERFORMED—
10-21-16	3201	3201		Installed serviceable seat cushion from N589PU (RH). R&R RH seat energy absorber, P/N 14152-002. R&R RH stroke bulb, P/N 36-0050626-01. YAK A-P2725795
11-2-16	3247	3247		<p>N583PU S/N: 2043 November 2, 2016 TTA: 3247</p> <p>Maintenance HMTR: 3247</p> <p>1) Complied with Cirrus Progressive Inspection Program 50-Hour Inspection IAW SR20 AMM p/n: 12167-001, section 05-20. Next inspection due at 3297 hours (maintenance hourmeter time).</p> <p>2) Replaced RH exhaust pipe p/n: 20556-002.</p> <p><i>Mark Hopkin AP2785650</i> Signature and A&P#</p> <p>I certify that in accordance with the Cirrus Progressive Inspection Program a 50-Hour Inspection was performed and this airframe is approved for return to service.</p> <p><i>Mark Hopkin AP2785650IA</i> Signature and A&P/IA #</p>
11-29-16	3296	3296		<p>N583PU S/N: 2043 November 29, 2016 TTA: 3296</p> <p>Maintenance HMTR: 3296</p> <p>1) Complied with Cirrus Progressive Inspection Program Phase 2 inspection IAW SR20 AMM p/n: 12167-001, section 05-20. Next inspection due at 3346 hours (maintenance hourmeter time).</p> <p>2) Complied with 500-hour torque verification of engine mount weldment and lower mount attach fitting attachment bolts.</p> <p>3) R&R LH main wheel & tire assy., P/N 13399-101; S/N tire on: B5F42907.</p> <p>4) R&R #2 alternator, see component sheet & engine log for details.</p> <p>5) R&R landing light lens, P/N 17298-001.</p> <p><i>Richard W. Allen AP3041071</i> Signature and A&P#</p> <p>I certify that in accordance with the Cirrus Progressive Inspection Program a Routine Inspection of the Landing Gear Group and a Detailed Inspection of the Engine Group and Propeller Group were performed and this airframe is approved for return to service.</p> <p><i>YAK A-P2725795 IA</i> Signature and A&P/IA #</p>

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Page No.			DESCRIPTION OF WORK PERFORMED — SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK	
DATE	TOTAL TIME IN SERVICE	TACH OR RECORDING METER TIME		
			TOTAL brought forward from previous page	
1-12-17	3346	3346	N583PU Maintenance HMTR: 3345 S/N: 2043 January 12, 2017 TTA: 3345 1) Complied with Cirrus Progressive Inspection Program 50-Hour Inspection IAW SR20 AMM p/n: 12167-001, section 05-20. Next inspection due at 3395 hours (maintenance hourmeter time). 2) Replaced hot coupler torsion spring, P/N 21844-001. <i>Larry Mayson</i> AP3064381 Signature and A&P# I certify that in accordance with the Cirrus Progressive Inspection Program a 50-Hour Inspection was performed and this airframe is approved for return to service. <i>Y. R.</i> A-P27257951A Signature and A&P/IA #	
1/24/17	3348	3348	724R GAU 44 P/N 011-00870-00. Removed S/N 47515983. Installed S/N 47516498, removed as used serviceable from N595PU. Ops V OK. Calibrated as per manual. Richard W. Childman A-P2136165	
2-21-17	3394	3394	AmSafe SB 504443-25-02 R10, Inspection/Replacement of Ejector Base, dated 02/10/16, not applicable by base part number. No further action required. <i>Mark Hopkin</i> A-P2785650	
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Page No.			DESCRIPTION OF WORK PERFORMED — SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK	
DATE	TOTAL TIME IN SERVICE	TACH OR RECORDING METER TIME		
			TOTAL brought forward from previous page	
2/23/17	3394	3394	N583PU Maintenance HMTR: 3394 S/N: 2043 1) Complied with Cirrus Progressive Inspection Program 50-Hour Inspection IAW SR20 AMM p/n: 12167-001, section 05-20. Next inspection due at 3395 hours (maintenance hourmeter time). 2) Complied with 500-hr #2 battery replacement. 3) Complied with 7-year replacement new CO detector p/n: 24660-002, 10/23. 4) Installed new left main tire/wheel. 5) Installed new right main tire/wheel. 6) Installed new right main brake. 7) Installed new upper puck pan. 8) Installed new upper puck pan. <i>[Signature]</i>	
			I certify that in accordance with the Cirrus Progressive Inspection Program a 50-Hour Inspection was performed and this airframe is approved for return to service.	
3-14-17	3444	3444	N583PU Maintenance HMTR: 3444 1) Complied with Cirrus Progressive Inspection Program 50-Hour Inspection IAW SR20 AMM p/n: 12167-001, section 05-20. Next inspection due at 3445 hours (maintenance hourmeter time). 2) R&R LH main tire/wheel.	
			I certify that in accordance with the Cirrus Progressive Inspection Program a 50-Hour Inspection was performed and this airframe is approved for return to service.	
3-23-17	3453	3453	R+Rd LH S/N 011-00870-00.	
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TOTAL TIME IN SERVICE	TACH OR RECORDING METER TIME	DESCRIPTION OF WORK PERFORMED— SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK
3346		<p>N583PU S/N: 2043 January 12, 2017 TTA: 3345</p> <p>Maintenance HMTR: 3345</p> <p>1) Complied with Cirrus Progressive Inspection Program 50-Hour Inspection IAW SR20 AMM p/n: 12167-001, section 05-20. Next inspection due at 3395 hours (maintenance hourmeter time).</p> <p>2) Replaced hot coupler torsion spring, P/N 21844-001.</p> <p><i>Radford Mayson</i> AP3064381 Signature and A&P#</p> <p>I certify that in accordance with the Cirrus Progressive Inspection Program a 50-Hour Inspection was performed and this airframe is approved for return to service.</p> <p><i>Y. R.</i> A-P2725795 IA Signature and A&P/IA #</p>
48		<p>R&R GAU44 P/N 011-00870-00. Removed</p> <p>S/N 47515985. Installed S/N 47516498, removed as used serviceable from N595PU. Ops V OK. Calibrated as per manual. Richard W. Childers NYP2136765</p>
<p>AmSafe SB 504443-25-02 R10, Inspection/Replacement of Ejector Base, dated 02/10/16, not applicable by base part number. No further action required.</p> <p><i>Mark Hopkin</i> AP2785650</p>		

DATE	TOTAL TIME IN SERVICE	TACH OR RECORDING METER TIME	DESCRIPTION OF WORK PERFORMED— SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK
	3394		TOTAL brought forward from previous page
2/23/17	3394	3394	<p>N583PU S/N: 2043 February 23, 2017 TTA: 3394</p> <p>Maintenance HMTR: 3394</p> <p>1) Complied with Cirrus Progressive Inspection Program Phase 3 inspection IAW SR20 AMM p/n: 12167-001, section 05-20. Next inspection due at 3444 hours (maintenance hourmeter time).</p> <p>2) Complied with 500-hr #2 battery replacement by installing new Batteries p/n: 50979-001.</p> <p>3) Complied with 7-year replacement of carbon monoxide detector by installing new CO detector p/n: 24660-002, s/n: 96694. MFG date 10/16. Next due by 10/23.</p> <p>4) Installed new left main tire/wheel assy. p/n: 13399-101 s/n: 41262362.</p> <p>5) Installed new right main tire/wheel assy. p/n: 13399-101 s/n: 11451278.</p> <p>6) Installed new right main brake pads p/n: 66-105.</p> <p>7) Installed new upper puck pan ass. p/n: 18824-001.</p> <p>8) Installed new upper puck pan bolt p/n: AN178-46A.</p> <p><i>Richard W. Childers</i> AP3071071 Signature and A&P#</p> <p>I certify that in accordance with the Cirrus Progressive Inspection Program a Routine Inspection of the Engine Group and a Detailed Inspection of the Landing Gear Group were performed and this airframe is approved for return to service.</p> <p><i>Robert E. All</i> AP311921918 IA Signature and A&P/IA #</p>
3-14-17	3444	3444	<p>N583PU S/N: 2043 March 14, 2017 TTA: 3444</p> <p>Maintenance HMTR: 3444</p> <p>1) Complied with Cirrus Progressive Inspection Program 50-Hour Inspection IAW SR20 AMM p/n: 12167-001, section 05-20. Next inspection due at 3494 hours (maintenance hourmeter time).</p> <p>2) R&R LH main wheel & tire assy., P/N 13399-101; S/N tire on: 4291S00132.</p> <p><i>Jason E. Ell</i> 3573089 Signature and A&P#</p> <p>I certify that in accordance with the Cirrus Progressive Inspection Program a 50-Hour Inspection was performed and this airframe is approved for return to service.</p> <p><i>Y. R.</i> A-P2725795 IA Signature and A&P/IA #</p>
3-23-17	3453	3453	<p>R&R LH MLG Tire Assy. P/N 13399-101. S/N ON 3330S00052.</p> <p>S/N OFF 4291S00132. <i>Jason E. Ell</i> AP2838538</p>
			SUB-TOTAL this page
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Page No.			DESCRIPTION OF WORK PERFORMED— SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK	
DATE	TOTAL TIME IN SERVICE	TACH OR RECORDING METER TIME		
	3453		TOTAL brought forward from previous page	
5/3/17	3493	3493	S/N: 2043 May 3, 2017 TTA: 3493 N583PU Maintenance HMTR: 3493 1) Complied with Cirrus Progressive Inspection Program Phase 2 inspection IAW SR20 AMM p/n: 12167-001, section 05-20. Next inspection due at 3543 hours (maintenance hourmeter time). 2) Complied with 500-hour torque verification of engine mount weldment and lower mount attach fitting attachment bolts. 3) Replaced RH main wheel/tire assembly p/n: 13399-101 (40-75P), tire s/n on: 42852109. 4) R & R air filter housing P/N 12679-002. 5) R & R breather tube center mounting bracket P/N 20-033-1. 6) R & R inlet air tube (SCEET) from cowl to mixing valve. 2.5" X 18". <i>Richard H. Childrum</i> Signature and A&P# 2136760 I certify that in accordance with the Cirrus Progressive Inspection Program a Routine Inspection of the Landing Gear Group and a Detailed Inspection of the Engine Group and Propeller Group were performed and this airframe is approved for return to service. <i>[Signature]</i> A&P# 2136760 S/N: 2043 June 7, 2017 TTA: 3542 N583PU Maintenance HMTR: 3542 1) Complied with Cirrus Progressive Inspection Program 50-Hour Inspection IAW SR20 AMM p/n: 12167-001, section 05-20. Next inspection due at 3592 hours (maintenance hourmeter time). 2) Replaced LH brake pads, 4 ea. P/N 066-10500. <i>[Signature]</i> 3573889 Signature and A&P# I certify that in accordance with the Cirrus Progressive Inspection Program a 50-Hour Inspection was performed and this airframe is approved for return to service. <i>[Signature]</i> A&P 2725795 IA Signature and A&P/IA # 7-12-17 3569 3569 Replaced LH strobe bulb, P/N 36-0050626-01. <i>[Signature]</i> A&P 2725795 Signature and A&P/IA #	
			SUB-TOTAL this page	
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Page No.			DESCRIPTION OF WORK PERFORMED— SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK	
DATE	TOTAL TIME IN SERVICE	TACH OR RECORDING METER TIME		
	3587		TOTAL brought forward from previous page	
8-25-17	3587	3587	S/N: 2043 N583PU Maintenance Hourmeter: 3587 1) Complied with Cirrus Progressive Inspection Program Phase 2 inspection IAW SR20 AMM p/n: 12167-001, section 05-20. Next inspection due at 3637 hours (maintenance hourmeter time). 2) Complied with 500-hour torque verification of engine mount weldment and lower mount attach fitting attachment bolts. 3) Replaced throttle quadrant cam follower bolt. 4) Complied with ELT Inspection IAW FAR 91.203. 5) Complied with AD 93-05-06, ACS Ignition Switch Assembly p/n: 19537-4, dated 04/29/93, by replacement in accordance with new ignition switch assembly p/n: 19537-4. 6) Replaced LH main wheel/tire assembly p/n: 13399-101 (40-75P), tire s/n on: 41763521. <i>[Signature]</i> I certify that in accordance with the Cirrus Progressive Inspection Program a Routine Inspection of the Landing Gear Group, Engine Group, Propeller Group, Fuselage Group and Radio Group were performed and this airframe is approved for return to service. I certify that in accordance with the Cirrus Progressive Inspection Program a 50-Hour Inspection was performed and this airframe is approved for return to service. Cycle 8 has been completed. This aircraft (N583PU) is a University N583PU Program aircraft. 14 CFR § 91.409(d). 8-25-17 3587 3587 SUB-TOTAL this page TOTAL-Carry forward to next page	

DESCRIPTION OF WORK PERFORMED—
SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK

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N583PU
Maintenance HMTR: 3493 S/N: 2043 May 3, 2017
TTA: 3493

Complied with Cirrus Progressive Inspection Program Phase 2 inspection IAW
SR20 AMM p/n: 12167-001, section 05-20. Next inspection due at
3543 hours (maintenance hourmeter time).
Complied with 500-hour torque verification of engine mount weldment and
lower mount attach fitting attachment bolts.
Replaced RH main wheel/tire assembly p/n: 13399-101 (40-75P), tire s/n on:
42852109.
R & R air filter housing P/N 12679-002.
R & R breather tube center mounting bracket P/N 20-033-1.
R & R inlet air tube (SCEET) from cowling to mixing valve. 2.5" X 18".

Richard H. Childers
Signature and A&P# 2136767

that in accordance with the Cirrus Progressive Inspection Program a
Inspection of the Landing Gear Group and a Detailed Inspection of the
Group and Propeller Group were performed and this airframe is approved
to service.

John H. Ste
Signature and A&P/IA # AP30764903IA

S/N: 2043 June 7, 2017
TTA: 3542

HMTR: 3542

ed with Cirrus Progressive Inspection Program 50-Hour Inspection IAW
MM p/n: 12167-001, section 05-20. Next inspection due at 3592 hours
nance hourmeter time).
d LH brake pads, 4 ea. P/N 066-10500.

John H. Ste
Signature and A&P# 3573889

ccordance with the Cirrus Progressive Inspection Program a 50-
was performed and this airframe is approved for return to service.

John H. Ste
Signature and A&P/IA # AP2725795IA

6. 16, P/N 36-0050626-01.
12725795

Page No.

DATE	TOTAL TIME IN SERVICE	TACH OR RECORDING METER TIME	DESCRIPTION OF WORK PERFORMED— SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK
TOTAL brought forward from previous page			S/N: 2043 August 25, 2017 TTA: 3587
8-25-17	3587	3587	N583PU Maintenance Hourmeter: 3587
			1) Complied with Cirrus Progressive Inspection Program Phase 2, Phase 4, Phase 5, and 50-Hour inspections IAW SR20 AMM p/n: 12167-001, section 05-20. Next inspection due at 3637 hours (maintenance hourmeter time). 2) Complied with 500-hour torque verification of engine mount weldment and lower mount attach fitting attachment bolts. 3) Replaced throttle quadrant cam follower bolt (p/n: AN3-10). 4) Complied with ELT Inspection IAW FAR 91.207(d). ELT battery due 6/2023. 5) Complied with AD 93-05-06, ACS Ignition Switch Inspection/Replacement, dated 04/29/93, by replacement in accordance with paragraph (a), installed new ignition switch assembly p/n: 19537-001 (Key #: 178). 6) Replaced LH main wheel/tire assembly p/n: 13399-101 (40-75P), tire s/n on: 41763521.
			<i>John P. Pany</i> Signature and A&P# AP2838538
			I certify that in accordance with the Cirrus Progressive Inspection Program a Routine Inspection of the Landing Gear Group and a Detailed Inspection of the Engine Group, Propeller Group, Fuselage and Empennage Group, Cabin Group, and Radio Group were performed and this airframe is approved for return to service.
			<i>Mark Hepburn</i> Signature and A&P/IA # AP2785650IA
			I certify that in accordance with the Cirrus Progressive Inspection Program a Cycle <u>8</u> has been completed and this aircraft is approved for return to service.
			<i>Mark Hepburn</i> Signature and A&P/IA # AP2785650IA
8-25-17	3587	3587	This aircraft (N583PU, s/n: 2043) has been placed on the Purdue University N583PU Progressive Inspection Program in accordance with 14 CFR § 91.409(d). <i>Mark Hepburn</i> Signature and A&P/IA # AP2785650IA
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DATE	TOTAL TIME IN SERVICE	TACH OR RECORDING METER TIME	DESCRIPTION OF WORK PERFORMED— SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK
TOTAL brought forward from previous page			S/N: 2043 September 12, 2017 TTA: 3636
9-12-17	3636	3636	<p>N583PU Maintenance HMTR: 3636</p> <p>1) Complied with Purdue University N583PU Progressive Inspection Program 50-Hour Inspection IAW Purdue University N583PU Progressive Inspection Program Procedures Manual. Next inspection due at 3686 hours (maintenance hourmeter time).</p> <p>2) Replaced LH main wheel & tire assy., P/N 13399-101; S/N tire on: 31612006.</p> <p><i>Richard A. Collins</i> 9P3041071 Signature and A&P#</p> <p>I certify that in accordance with the Purdue University N583PU Progressive Inspection Program a 50-Hour Inspection was performed and this airframe is approved for return to service.</p> <p><i>John R. A-P2725795IA</i> Signature and A&P/IA #</p>
TOTAL brought forward from previous page			S/N: 2043 September 30, 2017 TTA: 3685
9-30-17	3685	3685	<p>N583PU Maintenance HMTR: 3685</p> <p>1) Complied with Purdue University N583PU Progressive Inspection Program Event 1 Inspection IAW Purdue University N583PU Progressive Inspection Program Procedures Manual. Next inspection due at 3735 hours (maintenance hourmeter time).</p> <p>2) Replaced RH brake pads p/n: 66-105 (4 each).</p> <p><i>Richard H. Childers</i> Signature and A&P# 2136767</p> <p>I certify that in accordance with the Purdue University N583PU Progressive Inspection Program a Routine Inspection of the Engine Group, Propeller Group, Cabin and Radio Group, and Landing Gear Group, and a Detailed Inspection of the Wing Group, and Fuselage and Empennage Group were performed and this airframe is approved for return to service.</p> <p><i>Mark D. Harkin</i> AP2785656IA Signature and A&P/IA #</p>
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DATE	TOTAL TIME IN SERVICE	TACH OR RECORDING METER TIME	DESCRIPTION SIGNATURE & CERTIFICATION
TOTAL brought forward from previous page			
10-10-17	3734	3734	<p>N583PU Maintenance HMTR: 3734</p> <p>1) Complied with Purdue U 50-Hour Inspection IAW Program Procedures M (maintenance hourme</p> <p>2) Replaced RH main wh 12592311R2.</p> <p>I certify that in accorda Inspection Program a 5 approved for return t</p>
TOTAL brought forward from previous page			
11-10-17	3783	3783	<p>N583PU Maintenance HM</p> <p>1) Complied Event 2 In Program (mainte</p> <p>2) Compli lower</p> <p>3) Repla (see</p> <p>4) Repl 635</p> <p>I certifi Inspe and t Insp airfr</p>
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DESCRIPTION OF WORK PERFORMED—
SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK

N583PU
Maintenance HMTR: 3636 S/N: 2043 September 12, 2017
TTA: 3636
1) Complied with Purdue University N583PU Progressive Inspection Program
50-Hour Inspection IAW Purdue University N583PU Progressive Inspection
Program Procedures Manual. Next inspection due at 3686 hours
(maintenance hourmeter time).
2) Replaced LH main wheel & tire assy., P/N 13399-101; S/N tire on: 31612006.
Richard W. Childers AP311921918IA
Signature and A&P#

I certify that in accordance with the Purdue University N583PU Progressive
Inspection Program a 50-Hour Inspection was performed and this airframe is
approved for return to service.

John R. A. P. 2725795IA
Signature and A&P/IA #

N583PU
Maintenance HMTR: 3685 S/N: 2043 September 30, 2017
TTA: 3685

Complied with Purdue University N583PU Progressive Inspection Program
Event 1 Inspection IAW Purdue University N583PU Progressive Inspection
Program Procedures Manual. Next inspection due at 3735 hours
(maintenance hourmeter time).
Replaced RH brake pads p/n: 66-105 (4 each).

Richard W. Childers
Signature and A&P# 2136763

I certify that in accordance with the Purdue University N583PU Progressive
Inspection Program a Routine Inspection of the Engine Group, Propeller Group,
and Radio Group, and Landing Gear Group, and a Detailed Inspection of the
Group, and Fuselage and Empennage Group were performed and this
airframe is approved for return to service.

Mark D. Harkin AP2785650IA
Signature and A&P/IA #

DATE	TOTAL TIME IN SERVICE	TACH OR RECORDING METER TIME	DESCRIPTION OF WORK PERFORMED— SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK
brought forward from previous page			
10-20-17	3685	3734	N583PU Maintenance HMTR: 3734 S/N: 2043 October 20, 2017 TTA: 3734 1) Complied with Purdue University N583PU Progressive Inspection Program 50-Hour Inspection IAW Purdue University N583PU Progressive Inspection Program Procedures Manual. Next inspection due at 3784 hours (maintenance hourmeter time). 2) Replaced RH main wheel/tire assembly p/n: 13399-101 (40-75P), tire s/n on: 12592311R2. <i>Robert E. All</i> AP311921918IA Signature and A&P# I certify that in accordance with the Purdue University N583PU Progressive Inspection Program a 50-Hour Inspection was performed and this airframe is approved for return to service. <i>Robert E. All</i> AP311921918IA Signature and A&P/IA #
11-10-17	3783	3783	N583PU Maintenance HMTR: 3783 S/N: 2043 November 10, 2017 TTA: 3783 1) Complied with Purdue University N583PU Progressive Inspection Program Event 2 Inspection IAW Purdue University N583PU Progressive Inspection Program Procedures Manual. Next inspection due at 3833 hours (maintenance hourmeter time). 2) Complied with 500-hour torque verification of engine mount weldment and lower mount attach fitting attachment bolts.. 3) Replaced alternator #2 p/n: 653344, s/n off: H-G-131502, s/n on: H-L-091402 (see component record for details). 4) Replaced nose wheel/tire assembly p/n: 12798-001 (40-77), tire s/n on: 63582226. <i>Richard W. Childers</i> Signature and A&P# 2136763 I certify that in accordance with the Purdue University N583PU Progressive Inspection Program a Routine Inspection of the Cabin and Radio Group, Fuselage and Empennage Group, Wing Group, and Landing Gear Group, and a Detailed Inspection of the Engine Group and Propeller Group were performed and this airframe is approved for return to service. <i>Robert E. All</i> AP311921918IA Signature and A&P/IA #

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Page No.			DATE		TOTAL TIME IN SERVICE	TACH OR RECORDING METER TIME	DESCRIPTION OF WORK PERFORMED— SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK
			TOTAL brought forward from previous page				
			December 4, 2017		S/N: 2043 TTA: 3832		
12-4-17			3832	3832	N583PU Maintenance HMTR: 3832 1) Complied with Purdue University N583PU Progressive Inspection Program 50-Hour Inspection IAW Purdue University N583PU Progressive Inspection Program Procedures Manual. Next inspection due at 3882 hours (maintenance hourmeter time). <i>Richard W. Allen AP3041071</i> Signature and A&P#		
I certify that in accordance with the Purdue University N583PU Progressive Inspection Program a 50-Hour Inspection was performed and this airframe is approved for return to service.							
			February 14, 2018		S/N: 2043 TTA: 3881		
2-14-18			3881	3881	N583PU Maintenance HMTR: 3881 1) Complied with Purdue University N583PU Progressive Inspection Program Event 3 Inspection IAW Purdue University N583PU Progressive Inspection Program Procedures Manual. Next inspection due at 3931 hours (maintenance hourmeter time). 2) Complied with 1000-hour LH muffler replacement (p/n: A20560-001, s/n on: 51024). 3) Complied with 1000-hour RH heat exchanger replacement (p/n: A20559-004, s/n on: 51444). 4) Complied with 1000-hour/10-year electrical bonding & shielding check. 5) Complied with 2-year/500-hour battery #2 replacement (2 each p/n: 50979-001). 6) RH brake caliper o-rings replaced p/n: M83461/1/222). 7) Installed new nose fork thrust washer p/n: 50545-001. 8) Replaced nose landing gear bushings p/n: 13705-003 and p/n: 13705-004 and shim gear. 9) Replaced nose landing gear pivot bushings (2 each p/n NAS77-10-103). <i>Joseph P. Thum AP 2838538</i> Signature and A&P#		
I certify that in accordance with the Purdue University N583PU Progressive Inspection Program a Routine Inspection of the Engine Group, Propeller Group, Cabin and Radio Group, Fuselage and Empennage Group, and Wing Group, and a Detailed Inspection of the Landing Gear Group were performed and this airframe is approved for return to service.							
			AP 2838538		Signature and A&P/IA #		
			AP 3064381 IA		Signature and A&P/IA #		
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Page No.			DATE		TOTAL TIME IN SERVICE	TACH OR RECORDING METER TIME	DESCRIPTION OF WORK PERFORMED— SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK
			TOTAL brought forward from previous page				
			2-28-18		3894	3894	Removed and Replace both wheel assys, Right wheel assy p/n 02737670 on, Left wheel assy p/n 41872113 R1. <i>Richard W. Allen AP3041071</i>
			3-12-18		3930	3930	N583PU Maintenance HMTR: 3930 1) Complied with Purdue University N583PU 50-Hour Inspection IAW Purdue University N583PU Progressive Inspection Program Procedures Manual. Next inspection due at 3980 hours (maintenance hourmeter time). <i>Richard W. Allen AP3041071</i>
I certify that in accordance with the Purdue University N583PU Progressive Inspection Program a 50-Hour Inspection was performed and this airframe is approved for return to service.							
			04-09-18		3969	3969	Removed Alternator #1 Installed new Alternator #1 From Hartzell Engine Drive Coupling #1 Field control #1 SW 4866, Ground
			SUB-TOTAL this page				
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DESCRIPTION OF WORK PERFORMED—
SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK

1) Maintenance HMTR: 3832 S/N: 2043 December 4, 2017 TTA: 3832
Complied with Purdue University N583PU Progressive Inspection Program 50-Hour Inspection IAW Purdue University N583PU Progressive Inspection Program Procedures Manual. Next inspection due at 3882 hours (maintenance hourmeter time).
I certify that in accordance with the Purdue University N583PU Progressive Inspection Program a 50-Hour Inspection was performed and this airframe is approved for return to service.
Richard W. Allen AP3041071
Signature and A&P#

1) Maintenance HMTR: 3881 S/N: 2043 February 14, 2018 TTA: 3881
Complied with Purdue University N583PU Progressive Inspection Program Event 3 Inspection IAW Purdue University N583PU Progressive Inspection Program Procedures Manual. Next inspection due at 3931 hours (maintenance hourmeter time).
Complied with 1000-hour LH muffler replacement (p/n: A20560-001, s/n on: 51024).
Complied with 1000-hour RH heat exchanger replacement (p/n: A20559-004, s/n on: 51444).
Complied with 1000-hour/10-year electrical bonding & shielding check.
Installed new nose fork thrust washer p/n: 50545-001.
Replaced nose landing gear bushings p/n: 13705-003 and p/n: 13705-004 and im gear.
Replaced nose landing gear pivot bushings (2 each p/n NAS77-10-103).
I certify that in accordance with the Purdue University N583PU Progressive Inspection Program a Routine Inspection of the Engine Group, Propeller Group, Fuselage and Empennage Group, and Wing Group, and a Routine Inspection of the Landing Gear Group were performed and this airframe is approved for return to service.
Joseph P. Thum AP2838538
Signature and A&P#

Ladd J. Maxson AP3064381IA
Signature and A&P/IA #

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DATE	TOTAL TIME IN SERVICE	TACH OR RECORDING METER TIME	DESCRIPTION OF WORK PERFORMED— SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK
TOTAL brought forward from previous page			
2-28-18	3894	3894	Removed and Replace both main gear ^{RA} wheel assys, Right wheel assy P/N 13399-101, W02737670 on, Left wheel assy P/N 13399-101 Wren 41872113 R1. Richard W. Allen AP3041071
3-12-18	3930	3930	N583PU S/N: 2043 March 12, 2018 TTA: 3930 Maintenance HMTR: 3930 1) Complied with Purdue University N583PU Progressive Inspection Program 50-Hour Inspection IAW Purdue University N583PU Progressive Inspection Program Procedures Manual. Next inspection due at 3980 hours (maintenance hourmeter time). <u>Richard J. Childers</u> Signature and A&P# 2136763 I certify that in accordance with the Purdue University N583PU Progressive Inspection Program a 50-Hour Inspection was performed and this airframe is approved for return to service. <u>Ladd J. Maxson</u> AP2725795IA Signature and A&P/IA #
04-09-18	3969	3969	Removed Alternator #2 P/N 653344 S/N HLD91402 Installed new Alternator #2 P/N 653344 S/N H-Q031716 From Hartzell Engine Technologies. Installed new Drive Coupling P/N 635796 Rev C and new Field control Unit P/N 29434-003 Rev D HW 4866. Ground run ops check Good <u>Ladd J. Maxson</u> AP3064381
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Page No.			DESCRIPTION OF WORK PERFORMED— SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK	
DATE	TOTAL TIME IN SERVICE	TACH OR RECORDING METER TIME		
	3969		TOTAL brought forward from previous page	
4/21/18	3979	3979	<p>N583PU Maintenance HMTR: 3979</p> <p>S/N: 2043 April 21, 2018 TTA: 3979</p> <ol style="list-style-type: none"> 1) Complied with Purdue University N583PU Progressive Inspection Program Event 2 Inspection IAW Purdue University N583PU Progressive Inspection Program Procedures Manual. Next inspection due at 4029 hours (maintenance hour-meter time). 2) Complied with 500-hour torque verification of engine mount weldment and lower mount attach fitting attachment bolts. 3) Complied with Cirrus SB2X-74-02, Ignition Switch Security, dated 01-24-18, by application of Loctite® 222 in accordance with paragraph (11). No further action required. 4) Complied with alternator #1 (p/n: ES-4024LP, s/n: H-Q061019) 500-hour inspection (see component record for details). 5) Removed propeller governor p/n: C290D3K/T23, s/n: 090271; installed propeller governor s/n: 090445 (same p/n), overhauled by Tiffin Aire, Inc. under w/o: 8146 (see component record for details). 6) R & R RH aileron gap seal P/N 14390-003 7) Replaced LH main wheel/tire assembly p/n: 13399-101 (40-75P), tire s/n: 60232304. 8) Replaced LH brake pads p/n: 66-105 (4 each). <p><i>[Signature]</i> AP3-7649093 Signature and A&P#</p> <p>I certify that in accordance with the Purdue University N583PU Progressive Inspection Program a Routine Inspection of the Cabin and Radio Group, Fuselage and Empennage Group, Wing Group, and Landing Gear Group, and a Detailed Inspection of the Engine Group and Propeller Group were performed and this airframe is approved for return to service.</p> <p><i>[Signature]</i> AP3-7649093 IA Signature and A&P/IA #</p>	
5-30-18	4028	4028	<p>N583PU Maintenance HMTR: 4028</p> <p>S/N: 2043 May 30, 2018 TTA: 4028</p> <ol style="list-style-type: none"> 1) Complied with Purdue University N583PU Progressive Inspection Program 50-Hour Inspection IAW Purdue University N583PU Progressive Inspection Program Procedures Manual. Next inspection due at 4078 hours (maintenance hourmeter time). 2) Replaced RH brake pads, 4 ea. P/N 066-10500. <p><i>[Signature]</i> AP2725795 Signature and A&P#</p> <p>I certify that in accordance with the Purdue University N583PU Progressive Inspection Program a 50-Hour Inspection was performed and this airframe is approved for return to service.</p> <p><i>[Signature]</i> AP2725795 IA Signature and A&P/IA #</p>	
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DATE	TOTAL TIME IN SERVICE	TACH OR RECORDING METER TIME	DESCRIPTION OF WORK PERFORMED— SIGNATURE & CERTIFICATE NO.
TOTAL brought forward from previous page			
<p>Date: 04 JUN 2018 WO# 20323</p> <p>Aircraft: Cessna SR20 N#: N583PU</p> <p>Xpndr: GTX33ES #89120058 Encoder: GDC7NA#</p> <p>Altimeter: GDC7NA#20608259 12731</p> <p>Performed preliminary inspection. Checks required by 91.411 and 91.413 were performed in accordance with Appendix F. Altimeter tested to maximum altitude. Found to be airworthy as per work performed. LA CRS KH2R952K X: <i>[Signature]</i></p>			
6-14-18	4029	4029	<p>Complied with 24-month GMU 44 accordance with Cirrus SR20 AMM</p> <p><i>[Signature]</i></p>
7/10/18	4066	4066	<p>R+R 20247-</p> <p>CABLE ASSEMBLY</p>
7/24/18	4077	4077	<p>N583PU Maintenance HMTR</p> <ol style="list-style-type: none"> 1) Complied with Event 4 Inspection Program P (maintenance) 2) Replaced 3) Complied replacer 4) Replaced 90170 5) Replaced 1318 <p>I certify Inspection Fuselage Detail is app</p>
SUB-TOTAL			
TOTAL-Ca			

TOTAL		brought forward from previous page		SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK		DESCRIPTION OF WORK PERFORMED—	
NS83PU							
Maintenance HMTR: 3979							
1)							
Complied							
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OF WORK PERFORMED—
STATE NO. OF PERSON PERFORMING WORK

NS83PU
Maintenance HMTR: 3979

S/N: 2043

April 21, 2018
TTA: 3979

- 1) Complied with Purdue University N583PU Progressive Inspection Program Event 2 Inspection IAW Purdue University N583PU Progressive Inspection Program Procedures Manual. Next inspection due at 4029 hours (maintenance hour-meter time).
- 2) Complied with 500-hour torque verification of engine mount weldment and lower mount attach fitting attachment bolts.
- 3) Complied with Cirrus SB2X-74-02, Ignition Switch Security, dated 01-24-18, by application of Loctite® 222 in accordance with paragraph (11). No further action required.
- 4) Complied with alternator #1 (p/n: ES-4024LP, s/n: H-Q061019) 500-hour inspection (see component record for details).
- 5) Removed propeller governor p/n: C290D3K/T23, s/n: 090271; installed propeller governor s/n: 090445 (same p/n), overhauled by Tiffin Aire, Inc. under w/o: 8146 (see component record for details).

R & R RH aileron gap seal P/N 14390-003

Replaced LH main wheel/tire assembly p/n: 13399-101 (40-75P), tire s/n: 60232304.

Replaced LH brake pads p/n: 66-105 (4 each).

that in accordance with the Purdue University N583PU Progressive
Program a Routine Inspection of the Cabin and Radio Group, Fuselage
Luggage Group, Wing Group, and Landing Gear Group, and a Detailed
Inspection of the Engine Group and Propeller Group were performed and this
work is approved for return to service.

Signature and A&P/IA # AP30764993 FA

HMTR: 4028 S/N: 2043 May 30, 2018
TTA: 4028
d with Purdue University N583PU Progressive Inspection Program
Inspection IAW Purdue University N583PU Progressive Inspection
Procedures Manual. Next inspection due at 4078 hours
(since hourmeter time).
RH brake pads, 4 ea. P/N 066-10500.

Yes Sir A/P 2725785
Signature and A&P#

Conformance with the Purdue University N583PU Progressive
50-Hour Inspection was performed and this airframe is
ready to service

Y. R. A. P. 25-795-1A
Signature and A&P/IA #

Page No

DATE		TOTAL TIME IN SERVICE	TACH OR RECORDING METER TIME	DESCRIPTION OF WORK PERFORMED— SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK
TOTAL brought forward from previous page Date: <u>04 JUN 2018</u> WO# <u>20325</u> Aircraft: <u>CN235 SR20</u> N#: <u>N583PU</u> Hours: <u>4029.4</u> Xpndr: <u>GTX33ES #89120058</u> Encoder: <u>GDC7NA#20608259</u> Altimeter: <u>GDC7NA#20608259</u> <u>12731-003 #478684</u> Performed preliminary inspection. Checks required by FAR 91.215, 91.217, 91.411 and 91.413 were performed in accordance with FAR 43 Appendix E and Appendix F. Altimeter tested to maximum altitude of <u>20,000</u> ft. Found to be airworthy as per work performed. Lafayette Avionics, Inc. CRS KH2R952K X: <u>[Signature]</u> Joshua D. Wright				
<u>6-14-18</u>	<u>4029</u>	<u>4029</u>	Complied with 24-month GMU 44 Magnetometer Calibration in accordance with Cirrus SR20 AMM p/n: 12137-001 chapter 34-20. <u>Mark [Signature]</u> AP2785650	
<u>7/10/18</u>	<u>4066</u>	<u>4066</u>	<u>R+R 20247-201 Landing Lamp A/D 18969-103</u> <u>CABLE Assembly LIGHT OPS ✓ OK</u> <u>[Signature]</u> AP30749093	
<u>7/24/18</u>	<u>4077</u>	<u>4077</u>	N583PU S/N: 2043 July 24, 2018 Maintenance HMTR: 4077 TTA: 4077 1) Complied with Purdue University N583PU Progressive Inspection Program Event 4 Inspection IAW Purdue University N583PU Progressive Inspection Program Procedures Manual. Next inspection due at 4177 hours (maintenance hourmeter time). 2) Replaced throttle quadrant cam follower bolt (p/n: AN3-10). 3) <u>Complied with ELT Inspection IAW FAR 91.207(d). ELT battery due for replacement: 06/23.</u> 4) Replaced LH main wheel/tire assembly p/n: 13399-101 (40-75P), tire s/n on: 90170022R1. 5) Replaced RH main wheel/tire assembly p/n: 13399-101 (40-75P), tire s/n on: 13182115R1 <u>Richard W. Allen</u> AP3047 Signature and A&P#	
I certify that in accordance with the Purdue University N583PU Progressive Inspection Program a Routine Inspection of the Engine Group, Propeller Group, Fuselage and Empennage Group, Wing Group, and Landing Gear Group, and a Detailed Inspection of the Cabin and Radio Group were performed and this aircraft is approved for return to service.				
SUB-TOTAL		<u>[Signature]</u> AP27152 Signature and A&P/IA #		
TOTAL		Carry forward to next page		

Page No.			DESCRIPTION OF WORK PERFORMED - SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK	
DATE	TOTAL TIME IN SERVICE	TACH OR RECORDING METER TIME		
TOTAL brought forward from previous page				
8-6-18	4105	4105	Replaced LH inboard fuel dial, P/N 18477-201. Airframe fuel gauge calibration. <i>[Signature]</i> A-P2225775	
9-04-18	4127	4127	<p>N583PU Maintenance HMTR: 4127</p> <p>S/N: 2043 September 4, 2018 TTA: 4127</p> <ol style="list-style-type: none"> Complied with Purdue University N590PU Progressive Inspection Program 50-hr and Event 2 IAW Purdue University N583PU Progressive Inspection Program Procedures Manual. Next inspection due at 4157 hours (maintenance hourmeter time). Complied with 500-hour torque verification of engine mount weldment and lower mount attach fitting attachment bolts. Replaced oil sump quick drain o-rings p/n: MS28775-011 (2 each) and crush gasket p/n: MS35769-11. Complied with 2-year/1200-hour battery #1 (s/n: 40777773) initial inspection and capacity check. Replaced RH main wheel/tire assembly p/n: 13399-101 (40-75P), tire s/n on: 22992400R2. Installed new #4 cylinder EGT probe p/n: 24585-001. <p><i>Richard W. Wall</i> OP3081071 Signature and A&P#</p> <p>I certify that in accordance with the Purdue University N583PU Progressive Inspection Program a Routine Inspection of the Cabin and Radio Group, Fuselage and Empennage Group, Wing Group, and Landing Gear Group were performed and this airframe is approved for return to service.</p> <p><i>Robert Hall</i> AP31921981A Signature and A&P/IA #</p> <p>I certify that in accordance with the Purdue University N583PU Progressive Inspection Program a Cycle 9 has been completed and this aircraft is approved for return to service.</p> <p><i>Robert Hall</i> AP31921981A Signature and A&P/IA #</p>	
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Page No.			DESCRIPTION OF WORK PERFORMED - SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK	
DATE	TOTAL TIME IN SERVICE	TACH OR RECORDING METER TIME		
TOTAL brought forward from previous page				
9-13-18	4150	4150	<p>Installed new electric boost S/N: 3482. Ops. check and <i>Brett Jones</i> 4050231</p>	
9-19-18	4176	4176	<p>N583PU Maintenance HMTR: 4176</p> <p>S/N: 2043</p> <ol style="list-style-type: none"> Complied with Purdue University N583PU 50-Hour Inspection IAW Purdue University Program Procedures Manual. Next inspection due at 4176 hours (maintenance hourmeter time). Replaced RH main wheel & tire assy. p/n: 13399-101 (40-75P), tire s/n on: 22992400R2. Replaced #1 alternator, P/N 654200. Replaced #2 alternator, P/N 653344. <p><i>[Signature]</i></p> <p>I certify that in accordance with the Purdue University N583PU Progressive Inspection Program a 50-Hour Inspection was performed and this aircraft is approved for return to service.</p>	
10-03-18	4225	4225	<p>N583PU Maintenance HMTR: 4225</p> <ol style="list-style-type: none"> Complied with Purdue University N583PU Event 1 Inspection IAW Purdue University Program Procedures Manual. Next inspection due at 4225 hours (maintenance hourmeter time). Installed new #6 cylinder EGT probe p/n: 24585-001. Installed new RG24. <p>I certify that in accordance with the Purdue University N583PU Progressive Inspection Program a Cabin and Radio Group, Wing Group, and Fuselage inspection was performed and this airframe is approved for return to service.</p>	
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Signature and A&P/IA # 11752A

ance with the Purdue University N583PU Progressive
Cycle 9 has been completed and this aircraft is approved for

Robert Hall AP3V92198-1A
Signature and A&P/IA #

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Page No. _____			DESCRIPTION OF WORK PERFORMED — SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK	
DATE	TOTAL TIME IN SERVICE	TACH OR RECORDING METER TIME		
			TOTAL brought forward from previous page	
10-23-18	4274	4274	S/N: 2043 October 23, 2018 TTA: 4274 N583PU Maintenance HMTR: 4274 1) Complied with Purdue University N583PU Progressive Inspection Program 50-Hour Inspection IAW Purdue University N583PU Progressive Inspection Program Procedures Manual. Next inspection due at 4324 hours (maintenance hourmeter time). 2) Replaced RH main wheel & tire assy., P/N 13399-101; S/N tire on: 1102296. 3) Replaced LH main wheel & tire assy., P/N 13399-101; S/N tire on: 61315872. Signature and A&P# <u>AP 2725795</u> I certify that in accordance with the Purdue University N583PU Progressive Inspection Program a 50-Hour Inspection was performed and this airframe is approved for return to service. Signature and A&P/IA # <u>AP 2725795 IA</u>	
11-12-18	4322	4322	Installed overhauled electric boost P/N: 5217-00-9 S/N: 8210. Ops + leak check satisfactory. Robert ELL AP311921918	
11-29-18	4324	4324	S/N: 2042 November 29, 2018 TTA: 4324 N583PU Maintenance HMTR: 4324 1) Complied with Purdue University N583PU Progressive Inspection Program Event 2 Inspection IAW Purdue University N583PU Progressive Inspection Program Procedures Manual. Next inspection due at 4374 hours (maintenance hourmeter time). 2) Complied with 500-hour torque verification of engine mount weldment and lower mount attach fitting attachment bolts. 3) Replaced 2 each #2 batteries, P/N 50979-001. 4) Replaced 8 each brake pads, P/N 066-10500. Signature and A&P# <u>AP 4050231</u> I certify that in accordance with the Purdue University N583PU Progressive Inspection Program a Routine Inspection of the Cabin and Radio Group, Fuselage and Empennage Group, Wing Group, and Landing Gear Group, and a Detailed Inspection of the Engine Group and Propeller Group were performed and this airframe is approved for return to service. Signature and A&P/IA # <u>AP 2725795 IA</u>	
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DATE	TOTAL TIME IN SERVICE	TACH OR RECORDING METER TIME	DESCRIPTION OF WORK PERFORMED — SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK	
	4324		TOTAL brought forward from previous page	
2-19-19	4373	4373	S/N: 2043 N583PU Maintenance HMTR: 4373 1) Complied with Purdue University N583PU Progressive Inspection IAW Purdue University N583PU Progressive Inspection Program Procedures Manual. Next inspection due at 4423 hours (maintenance hourmeter time). 2) Replaced nose wheel/tire assembly P/N 80812002. Signature and A&P# <u>AP 2725795</u> I certify that in accordance with the Purdue University N583PU Progressive Inspection Program a 50-Hour Inspection was performed and this airframe is approved for return to service.	
3/1/19	4396	4396	Removed and Replaced Ops check good.	
3-25-19	4417	4417	Removed G S/N: 15W Serviceab S/N: 15W	
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TOTAL brought forward from previous page

4277

N583PU

Maintenance HMTR: 4274

S/N: 2043

October 23, 2018

TTA: 4274

1) Complied with Purdue University N583PU Progressive Inspection Program 50-Hour Inspection IAW Purdue University N583PU Progressive Inspection Program Procedures Manual. Next inspection due at 4324 hours (maintenance hourmeter time).

2) Replaced RH main wheel & tire assy., P/N 13399-101; S/N tire on: 1102296.

3) Replaced LH main wheel & tire assy., P/N 13399-101; S/N tire on: 61315872.

Signature and A&P#

AP2725795

I certify that in accordance with the Purdue University N583PU Progressive Inspection Program a 50-Hour Inspection was performed and this airframe is approved for return to service.

Signature and A&P/IA #

AP2725795 IA

Installed overhauled electric boost

SW: 8210. Ops + leak check satisfactory.

Robert ELL AP311921918

83PU

Maintenance HMTR: 4324

S/N: 2042

November 29, 2018

TTA: 4324

Complied with Purdue University N583PU Progressive Inspection Program Event 2 Inspection IAW Purdue University N583PU Progressive Inspection Program Procedures Manual. Next inspection due at 4374 hours (maintenance hourmeter time).

Complied with 500-hour torque verification of engine mount weldment and lower mount attach fitting attachment bolts.

Replaced 2 each #2 batteries, P/N 50979-001.

Replaced 8 each brake pads, P/N 066-10500.

Signature and A&P#

AP4050231

hat in accordance with the Purdue University N583PU Progressive Inspection Program a Routine Inspection of the Cabin and Radio Group, Fuselage, Engine Group, Wing Group, and Landing Gear Group, and a Detailed Inspection of the Engine Group and Propeller Group were performed and this airframe is approved for return to service.

Signature and A&P/IA #

AP2725795 IA

Page No.

DESCRIPTION OF WORK PERFORMED—
SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK

DATE

TOTAL TIME IN SERVICE

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4324

4373

4373

N583PU

Maintenance HMTR: 4373

S/N: 2043

February 19, 2019

TTA: 4373

1) Complied with Purdue University N583PU Progressive Inspection Program 50-Hour Inspection IAW Purdue University N583PU Progressive Inspection Program Procedures Manual. Next inspection due at 4423 hours (maintenance hourmeter time).

2) Replaced nose wheel/tire assembly p/n: 12798-001 (40-77), tire s/n on: 80812002.

Signature and A&P#

AP3778016

I certify that in accordance with the Purdue University N583PU Progressive Inspection Program a 50-Hour Inspection was performed and this airframe is approved for return to service.

Signature and A&P/IA #

AP311921918

31/19

4396

4396

Removed and Replaced #6 CHT probe P/N 24584-001.

Ops check good. Alexen AP3778016

325-19

4417

4417

Removed GIA63W #2 p/n: 011-01105-01, s/n: 15W011627; installed used serviceable GIA63W (from N582PU) s/n: 15W011606 (same p/n).

Mark Babin AP2785650

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DESCRIPTION OF WORK PERFORMED—
SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK

Complied with Purdue University N583PU Progressive Inspection Program
Event 3 Inspection IAW Purdue University N583PU Progressive Inspection
Program Procedures Manual. Next inspection due at 4472 hours
(maintenance hourmeter time).

S/N: 2043

March 28, 2019
TTA: 4422

Richard M. Childers
Signature and A&P# 2136703

Complied with the Purdue University N583PU Progressive
Inspection of the Engine Group, Propeller Group,
and Radio Group, Fuselage and Empennage Group, and a
Detailed Inspection of the Landing Gear Group were performed and this airframe is
approved for return to service.

Mark Hoyer
Signature and A&P# 0027856561A

TS800 PW: 011-01356-00 S/N: 15L005240
used serviceable (see yellow tag) GT3800
1356-00 S/N 15L005263.
AP311921918

R: 4471 S/N: 2043

April 16, 2019
TTA: 4471

Robert E. All
Signature and A&P# AP2839538

Complied with the Purdue University N583PU Progressive
Inspection was performed and this airframe is
approved for return to service.

Robert E. All
Signature and A&P# AP311921918-1A

Page No. _____

DATE	TOTAL TIME IN SERVICE	TACH OR RECORDING METER TIME	DESCRIPTION OF WORK PERFORMED— SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK
TOTAL brought forward from previous page			
4-17-19	4473	4473	Replace LH main tire assy. P/N 13399-101 (40-75P) RH 61622110 and RH main tire assy P/N 13399-101 (40-75P) P/N 52582155, <i>Robert E. All</i> AP3064381
5-22-19	4520	4520	N583PU S/N: 2043 May 22, 2019 Maintenance HMTR: 4520 TTA: 4520 1) Complied with Purdue University N583PU Progressive Inspection Program Event 2 Inspection IAW Purdue University N583PU Progressive Inspection Program Procedures Manual. Next inspection due at 4570 hours (maintenance hourmeter time). 2) Complied with 500-hour torque verification of engine mount weldment and lower mount attach fitting attachment bolts. 3) Removed propeller governor m/n: C290D3-R/T23, p/n: D20309-22, s/n: 090445; installed propeller governor s/n: 090271 (same m/n and p/n), Repaired by Tiffin Aire, Inc under w/o: 8402 (see component record for details). <i>Richard M. Childers</i> Signature and A&P# 2136703 I certify that in accordance with the Purdue University N583PU Progressive Inspection Program a Routine Inspection of the Cabin and Radio Group, Fuselage and Empennage Group, Wing Group, and Landing Gear Group, and a Detailed Inspection of the Engine Group and Propeller Group were performed and this airframe is approved for return to service. <i>Robert E. All</i> AP311921918-1A Signature and A&P#
6-26-19	4569	4569	N583PU S/N: 2043 June 26, 2019 Maintenance HMTR: 4569 TTA: 4569 1) Complied with Purdue University N583PU Progressive Inspection Program 50-Hour Inspection IAW Purdue University N583PU Progressive Inspection Program Procedures Manual. Next inspection due at 4619 hours (maintenance hourmeter time). <i>Robert E. All</i> AP311921918 Signature and A&P# I certify that in accordance with the Purdue University N583PU Progressive Inspection Program a 50-Hour Inspection was performed and this airframe is approved for return to service. <i>Robert E. All</i> AP311921918-1A Signature and A&P#
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Page No.			DESCRIPTION OF WORK PERFORMED— SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK	
DATE	TOTAL TIME IN SERVICE	TACH OR RECORDING METER TIME		
	4569		TOTAL brought forward from previous page	
7-18-19	4613	4613	Removed GCU 478 P/N: 011-01757-00 S/N: 193005254. Installed used serviceable (see yellow tag) GCU 478 P/N 011-01757-00 S/N: 193005291. All work IAW Garmin Perspective Line Maintenance Manual. Robert E. Allen AP311921918.	
7-26-19	4618	4618	S/N: 2043 July 25, 2019 TTA: 4618 N583PU Maintenance HMTR: 4618 1) Complied with Purdue University N583PU Progressive Inspection Program Event 4 Inspection IAW Purdue University N583PU Progressive Inspection Program Procedures Manual. Next inspection due at 4668 hours (maintenance hourmeter time). 2) Replaced throttle quadrant cam follower bolt (p/n: AN3-10). 3) Complied with ELT Inspection IAW FAR 91.207(d). ELT battery due for replacement: 06/23. 4) Replaced LH main wheel/tire assembly p/n: 13399-101 (40-75P), tire s/n on: 42730256. 5) Replaced RH main wheel/tire assembly p/n: 13399-101 (40-75P), tire s/n on: 41782260. [Signature] AP4050231 Signature and A&P# I certify that in accordance with the Purdue University N583PU Progressive Inspection Program a Routine Inspection of the Engine Group, Propeller Group, Fuselage and Empennage Group, Wing Group, and Landing Gear Group, and a Detailed Inspection of the Cabin and Radio Group were performed and this airframe is approved for return to service. [Signature] AP2725795 IA Signature and A&P/IA #	
8-14-19	4642	4642	Replaced electric boost pump, P/N 5217-00-3; S/N off: 8210, S/N on: 7081 (serviceable off N587PU). [Signature] AP2725795	
			SUB-TOTAL this page	
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Page No.			DESCRIPTION OF WORK PERFORMED— SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK	
DATE	TOTAL TIME IN SERVICE	TACH OR RECORDING METER TIME		
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8-21-19	4644	4644	Replaced nose wheel + tire assy. P/N 12798-00 9022218. [Signature] AP2725795	
8-23-19	4645	4645	Replaced nose wheel assy. P/N 12798-001 [Signature] AP307	
9/25/19	4667	4667	Removed propeller, M/N BHC-J [Signature] AP2725795	
			2/20/20 4926 4926	
			SUB-TOTAL this page	
			TOTAL-Carry forward to	

TOTAL brought forward from previous page			S/N: 2043	September 27, 2019
9-27-19	4667	4667	N583PU Maintenance HMTR: 4667	TTA: 4667
			1) Complied with Purdue University N583PU Progressive Inspection Program Event 2 and 50-Hour Inspections IAW Purdue University N583PU Progressive Inspection Program Procedures Manual. Next inspection due at 4717 hours (maintenance hourmeter time). 2) Complied with 500-hour torque verification of engine mount weldment and lower mount attach fitting attachment bolts. 3) Removed engine m/n: IO-360-ES25B, s/n: 1011057; installed CMI remanufactured engine m/n: IO-360-ES25B, s/n: 1037965 (see engine log for details). 4) Installed serviceable propeller m/n: BHC-J2YF-1BF/F7694, s/n: EF498B, previously installed in N586PU (see propeller log for details). 5) Installed (4 each) new Barry engine isolator mounts p/n: 96355-01, bolts p/n: AN7-45A, washers p/n: NAS1149F0732P, and nuts p/n: MS21045-7. 6) Installed the following new engine oil and fuel hose assemblies: p/n: AE7010201H0137 (firewall to aux fuel pump), p/n: AE7001G0356-270 (gascolator to engine fuel pump), p/n: AE7010101E0274 (engine fuel pump fuel return to baffle), p/n: AE7010001E0241 (fuel return from baffle to firewall), p/n: AE7010001E0180 (oil separator to case drain). 7) Installed new #1 alternator drive belt p/n: 657504. 8) Removed GCU 478 p/n: 011-01757-00, s/n: 193005291; installed GCU 478 s/n: 193007148 (same p/n), overhauled by Garmin International under w/o: 14888002. 9) Replaced RH brake pads p/n: 66-105 (4 each). 10) Replaced mixture control cable rod end p/n: 11314-003. 11) Replaced cylinder #3 and #5 EGT sensors p/n: 24585-001 (2 each). 12) Replaced cylinder #1, #3, and #5 CHT sensors p/n: 24584-001 (3 each).	

AP3778016

Signature and A&P#

I certify that in accordance with the Purdue University N583PU Progressive Inspection Program a Routine Inspection of the Cabin and Radio Group, Fuselage and Empennage Group, Wing Group, and Landing Gear Group, and a Detailed Inspection of the Engine Group and Propeller Group were performed and this airframe is approved for return to service.

AP27856561A

Signature and A&P/IA #

I certify that in accordance with the Purdue University N583PU Progressive Inspection Program a Cycle 10 has been completed and this aircraft is approved for return to service.

AP27856501A

Signature and A&P/IA #