


Cessna®

Book 1



AIRCRAFT LOG
AND MAINTENANCE RECORD

A185F

N 8297Q

SERIAL NO. 18503646

IMPORTANT NOTICE

Dear Owner:

Federal Aviation Regulation Part 91.170 requires that the static pressure system(s) and sensitive altimeter instrument(s) be inspected every two (2) years in accordance with Part 43, Appendix E, if the aircraft is to be operated in controlled airspace under IFR.

The entry in your aircraft log lists the date on which this test was performed on your static system(s) and altimeter(s). Because these tests are accomplished during instrument and aircraft assembly, this date may be a maximum of twelve (12) months prior to the date on your Airworthiness Certificate.

Because of this difference, Cessna recommends that you retest and inspect the static system(s) and altimeter(s) at your first Annual Inspection.

In following this recommendation, a schedule will be established whereby subsequent test and inspection periods will coincide with an Annual Inspection to minimize aircraft down time.

Customer Services Department
Cessna Aircraft Company

Cessna®

AIRCRAFT LOG
AND MAINTENANCE RECORD

Record of Cessna A185F 03646 N8297Q
Make Model Serial Certificate

With Engine Continental I0-520-D 566907
Make Model Serial

From _____ 19____ to _____ 19____

Detailing Time From _____ Hours To _____ Hours

Owner _____

Address _____

AIRCRAFT LOG

DATE	FLIGHT FROM	TO	NATURE OF FLIGHT	DURATION FLIGHT	ACCUMULATED TOTAL FLYING TIME		SIGNATURE OF PILOT
					HOURS	10THS	
			ST. CLOUD AVIATION, INC.	ROBERTSON STOL MODIFICATION			
	Tach Time 12.5 hrs. Installed at <u>St. Cloud Aviation</u>						
	SEE F.A.A. FORM 337, DATED <u>8-15-78</u>						
	WEIGHT INCREASE <u>13</u> LBS. AT <u>60</u> INCHES						
	NEW EMPTY WEIGHT <u>1875.5</u>						
	NEW EMPTY WEIGHT CG. <u>36.60</u>						
	NEW USEFUL LOAD <u>1474.5</u>						
	MAXIMUM TAKE OFF WEIGHT <u>3350.0</u>						
	MAXIMUM LANDING WEIGHT <u>3350.0</u>						
			<u>[Signature]</u>		<u>1977755</u>		A & P CERT. NO.
	INSPECTED BY		<u>[Signature]</u>		<u>1977755</u>		A & P CERT. NO.

CARRY FORWARD THE TOTAL ACCUMULATED FLYING TIME TO THE TOP OF NEXT PAGE

AIRCRAFT LOG

VOR Receiver operation checked in accordance with FAR 91.25			DATE	REMARKS
Date	Bearing error	Place		
	VOR 1	VOR 2	19__	Enter here general data with reference to "Line" and "Periodic" inspections - Rigging Changes - Alterations - Repairs - Service Letters - and changes in propeller or engine - as outlined in the front of this book, under the heading, "INSTRUCTIONS FOR USE OF THIS LOG BOOK." ALL DATA must bear the endorsement of a certificated mechanic, and his rating and certificate number must be shown.
				8-24-78 TACH TIME 12.5 HRS REMOVED landing gear AND installed EDO nose 696-3000 Amphibious seaplane floats this date. SEE FAR F.A.A. Form 337. NEW Empty weight <u>2474.5 lbs</u> NEW Center of Gravity <u>38.2 in Aft of Datum</u> <u>94.1 norm.</u> NEW USEFUL Load <u>871.6 lbs</u> Paul Hansen AIP 4766290X
				12 OCT 1978 TACH TIME 3510 HRS REMOVED & REPLACED AIRCRAFT VOLTAGE REGULATOR, NEW UNIT PN C611004-0101. Arnold Tompling AIP 479624933 IA AUDUBON AIRWAYS, AUDUBON, IOWA.

AIRCRAFT LOG

FLIGHT FROM	TO	NATURE OF FLIGHT	DURATION OF FLIGHT	ACCUMULATED TOTAL FLYING TIME		SIGNATURE OF PILOT
				HOURS	10THS	
Genl.	Local	AIR TEST	12	134	5	<i>[Signature]</i>
—————→						
Genl.	Local	AIR TEST	1 00	159	8	<i>[Signature]</i>
Genl.	ALT. ENCODER SERIAL #1234 / 1257E INSTALLED					
ZLS IND.	VHF TRANS. REC. INSTALLED # 4766					CG. RECOMPUTED
FORWARD THE TOTAL ACCUMULATED FLYING TIME TO THE TOP OF NEXT PAGE				#	4872	

AIRCRAFT LOG

VOR Receiver operation checked in accordance with FAR 91.25				DATE	REMARKS
Date	Bearing error	Place	Signature		
	VOR 1	VOR 2		19__	
6-24-80			<i>[Signature]</i>		STB BOW OLEO INTERNAL AIR TUBE 696-0335 REPLACED BY AIR TUBE P/N #696-0359 <i>[Signature]</i>
					W.G.M. 32165
					"I CERTIFY THAT ALL APPLICABLE REQUIREMENTS STATED IN THE ENGINEERING AND INSPECTION MANUAL HAVE BEEN MET AND THE AIRCRAFT IS DETERMINED TO BE AIRWORTHY."
					SIGNATURE OF AME <i>[Signature]</i>
					LICENCE No. 32185 DATE 5 AUG 80
					I HEREBY CERTIFY I HAVE FLOWN THIS AIRCRAFT AND ITS PERFORMANCE, FLYING QUALITIES, FUNCTIONS OF CONTROLS, ENGINE PLANT AND LANDING GEAR TO BE EQUIVALENT TO THE STANDARD OF THE TYPE.
					SIGNATURE OF PILOT <i>[Signature]</i>
					LICENCE No. ATR 1364014 DATE 6 AUG 80
					TACK TIME 134.3
					TACK TIME 158.8
					TACK TIME 160.
					<i>[Signature]</i> Skyline Ma

AIRCRAFT LOG

DATE	FLIGHT FROM	TO	NATURE OF FLIGHT	DURATION OF FLIGHT	ACCUMULATED TOTAL FLYING TIME		SIGNATURE OF PILOT
					HOURS	10THS	
19 83							
1 APR	INSIGHT	GRAPHIC ENGINE	MONITOR - EGT + OHT				<i>[Signature]</i> 2/80
JUN 15 1983	1400M	1450	Carried Out For Annual				Renewal
JUN 15 1983							
APR 24/84	5-2-84		NEW ELT BATTERY INSTALLED & ELT 6 CERTIFIED PER E				
			Time 389.5 Hrs. McCauley Propeller S/N 7710347 Overhauled See entry in Engine				

CARRY FORWARD THE TOTAL ACCUMULATED FLYING TIME TO THE TOP OF NEXT PAGE

AIRCRAFT LOG

VOR Receiver operation checked in accordance with FAR 91.25				DATE	REMARKS
Date	Bearing error VOR 1	Place VOR 2	Signature		
				19 ____	Enter here general data with reference to "Line" and "Periodic" inspections - Rigging Changes - Alterations - Repairs - Service Letter and changes in propeller or engine - as outlined in the front of this book, under the heading, "INSTRUCTIONS FOR USE OF THIS LOG BOOK. ALL DATA must bear the endorsement of a certificated mechanic, and his rating and certificate number must be shown.
					"I CERTIFY THAT ALL APPLICABLE REQUIREMENTS STATED IN THE ENGINEERING AND INSPECTION MANUAL HAVE BEEN MET AND THE AIRCRAFT IS DETERMINED TO BE AIRWORTHY."
					SIGNATURE OF AME <i>[Signature]</i>
					LICENCE No. WGM 30105 DATE JUN 15 1983
					I HEREBY CERTIFY I HAVE FLOWN THIS AIRCRAFT AND ITS PERFORMANCE, FLYING QUALITIES, FUNCTIONS OF CONTROLS, POWER PLANT AND LANDING GEAR ARE EQUIVALENT TO THE STANDARD OF THE TYPE.
					SIGNATURE OF PILOT <i>[Signature]</i> DATE JUN 15 1983
					* 1 MANUAL OF Q242 MAIN BATTERY Replaced <i>[Signature]</i> 2/80 for SKYLINE AVION
					Log this date KPM

AIRCRAFT LOG

DATE	FLIGHT FROM	TO	NATURE OF FLIGHT	DURATION OF FLIGHT	ACCUMULATED TOTAL FLYING TIME		SIGNATURE OF PILOT
					HOURS	10THS	
19							
ALTIMETER AND STATIC SYSTEM TEST RELEASE							
I certify that the altimeter and static system tests required by FAR Part 91.171 have been performed. The altimeter was tested to <u>20,000 feet</u> on <u>5/22/84</u> . Date of static test leak <u>5/22/84</u> . Tach Time <u>108</u> .							
Signature <u>[Signature]</u> Type of Certificate/Number <u>R+I 2323191</u> for CRS C14-18, St. Cloud Aviation, Inc., St. Cloud, MN 56302.							
RH side Altimeter not certified.							
TRANSPONDER CHECK RELEASE							
I certify this transponder, Model <u>RT-3571A</u> , s/n <u>17791</u> meet performance checks specified by FAR Part 91.172. Date <u>5/22/84</u> .							
Signature <u>[Signature]</u> Type of Certificate/Number <u>R+I 2323191</u> for CRS C14-18, St. Cloud Aviation, Inc., St. Cloud, MN 56302.							
CARRY FORWARD THE TOTAL ACCUMULATED FLYING TIME TO THE TOP OF NEXT PAGE							

AIRCRAFT LOG

VOR Receiver operation checked in accordance with FAR 91.25				DATE	REMARKS
Date	Bearing error	Place	Signature		
19					
MAINTENANCE RELEASE					
The component identified was repaired and inspected in accordance with current regulations of the Federal Aviation Administration and is approved for return to service. Pertinent records of the repairs are on file at this Repair Station under work order <u>0671</u> , Date <u>5/22/84</u> .					
Signature <u>[Signature]</u> , Type of Certificate/Number <u>R+I 2323191</u> for CRS C14-18, St. Cloud Aviation, Inc., St. Cloud, MN 56302.					

Enter here general data with reference to "Line" and "Periodic" inspections - Rigging Changes - Alterations - Repairs - Service Letters - and changes in propeller or engine - as outlined in the front of this book, under the heading, "INSTRUCTIONS FOR USE OF THIS LOG BOOK." ALL DATA must bear the endorsement of a certificated mechanic, and his rating and certificate number must be shown.

AIRCRAFT LOG


DATE	FLIGHT FROM	TO	NATURE OF FLIGHT	DURATION OF FLIGHT	ACCUMULATED TOTAL FLYING TIME		SIGNATURE OF PILOT
					HOURS	10THS	
19 JUN			ANNUAL 100 HOUR RELEASE				
I certify this aircraft/engine has been inspected in accordance with a 100 Hour or Annual inspection and found to be airworthy. Tach Time <u>477.1</u> Date <u>5-9-85</u> Signature <u>[Signature]</u> Type of Certificate/Number <u>AEP 424644239 2A</u> for CRS C14-18, St. Cloud Aviation, Inc., St. Cloud, MN 56302.							
	REPLACED BOTH MAIN TIRES AND RT. MAIN TIRE. L&T DUE 12/85		MAINTENANCE RELEASE				
The component identified was repaired and inspected in accordance with current regulations of the Federal Aviation Administration and is approved for return to service. Pertinent details of the repairs are on file at this Repair Station under work order <u>9312</u> , Date <u>5-9-85</u> . Signature <u>[Signature]</u> , Type of Certificate/Number <u>AEP 424644239 2A</u> for CRS C14-18, St. Cloud Aviation, Inc., St. Cloud, MN 56302.							
IN GOOD DIRECTION + TRAPPED FLUIDS APPEAR VERY MINIMAL AT THIS TIME: ALMOST NONE. A/C ANNUAL ON EOO 3500 AMPHIB FLEET							

CARRY FORWARD THE TOTAL ACCUMULATED FLYING TIME TO THE TOP OF NEXT PAGE

AIRCRAFT LOG

VOR Receiver operation checked in accordance with FAR 91.25				DATE	REMARKS
Date	Bearing error VOR 1 VOR 2	Place	Signature		
7-4		TASK 499.F		19 <u>85</u>	REPACKED FRONT GEAR - REPLACED TIE ROD SHIMMY DAMPER ON FRONT WHEELS By <u>A. Anderson</u>
7/10					INSTALLED R21 S/N 23276 IN ACCORDANCE WITH AC 43.13-1A + AC 43.13-2A. THE A/C HAS BEEN PLACED IN ACCORDANCE WITH AC 20-121 FOR VFR OPS ONLY. NEW WT & B HAS BEEN COMPUTED + EQ LIST AMENDED. EMPTY WEIGHT 2508.4, C.G. 38.1, USEFUL LOAD 841.6, TOTAL MOMENT 95611.1 ml o/p 2274483 MAINTENANCE RELEASE The component identified was repaired and inspected in accordance with current regulations of the Federal Aviation Administration and is approved for return to service. Pertinent details of the repairs are on file at this Repair Station under work order <u>0989</u> , Date <u>7/10/85</u> . Signature <u>[Signature]</u> for CRS C14-18, St. Cloud Aviation, Inc., St. Cloud, MN 56302.

AIRCRAFT LOG

DATE	FLIGHT FROM	TO	NATURE OF FLIGHT	DURATION OF FLIGHT	ACCUMULATED TOTAL FLYING TIME		SIGNATURE OF PILOT
					HOURS	10THS	
19 24 APR 86	ELECT T & B				SN 675		
	ELECT ART HORZ				SN 2095		
	NARCO TIME 890				SN 14959		
Installed PER AC 43-1							
Dome & Margolin ELT BATTERY							
REPLACED & UNIT CERTIFIED PER							
E 41 MANUAL BATTERY DUE ALT 8'7							
 2/80							

CARRY FORWARD THE TOTAL ACCUMULATED FLYING TIME TO THE TOP OF NEXT PAGE

AIRCRAFT LOG

VOR Receiver operation checked in accordance with FAR 91.25				DATE	REMARKS
Date	Bearing error	Place	Signature		
1986	VOR 1	VOR 2		06	Enter here general data with reference to "Line" and "Periodic" inspections - Rigging Changes - Alterations - Repairs - Service Letters - and changes in propeller or engine - as outlined in the front of this book, under the heading, "INSTRUCTIONS FOR USE OF THIS LOG BOOK." ALL DATA must bear the endorsement of a certificated mechanic, and his rating and certificate number must be shown.
APR 15	+2	-1	STC R.P. Sander		
MAY 22	+2	0	STC R.P. Sander		
JUNE 2	+1	0	VEG R.P. Sander		
JULY 7	+2	-1	JUL R.P. Sander	5/30/86	
AUG 11	+3	0	JUL R.P. Sander		
AUG 26	0	0	STC JNL R.P. Sander		
SEP 20	0	0	JNL R.P. Sander		
OCT 19	0	0	JNL R.P. Sander		
NOV 4	0	0	STC R.P. Sander	1987	
MAY 2	0	0	STC JNL R.P. Sander		
JUN 2	0	0	JNL STC R.P. Sander		
JULY					
AUG 23	0	0	VEG L/Sander		
SEP 14	0	0	YXB L/Sander		
OCT					

The static pressure system and altimeter instrument, were inspected and tested 5/30/86 to a 20 thousand feet and found to comply with FAR 91.171. The ATC transponder was inspected 5/30/86 and found to comply with FAR 91.172(a). Automatic altitude reporting equipment, was tested and calibrated 5/30/86 in compliance with FAR 91.36(b). Transponder manufacturer RT 3520 S/N 17991 Signature M/Sander for CRS C14-18, St. Cloud Aviation, Inc., St. Cloud, MN 56302

ANNUAL/100 HOUR RELEASE

I certify this aircraft/engine has been inspected in accordance with a 100 Hour or Annual Inspection and found to be airworthy. Tach Time 578.7
 Date 5-29-86 Signature J. Sander
 Type of Certificate/Number STC 472576948 for CRS C14-18, St. Cloud Aviation, Inc., St. Cloud, MN 56302.

AIRCRAFT LOG

DATE	FLIGHT FROM	TO	NATURE OF FLIGHT	DURATION OF FLIGHT	ACCUMULATED TOTAL FLYING TIME		SIGNATURE OF PILOT
					HOURS	10THS	
19			MAINTENANCE RELEASE				
<p>The component identified was repaired and inspected in accordance with current regulations of the Federal Aviation Administration and is approved for return to service. Pertinent details of the repairs are on file at this Repair Station under work order <u>9840</u>, Date <u>5-29-86</u>, Signature <u>[Signature]</u>, Type of Certificate/Number <u>710 470 526948</u> for CRS C14-18, St. Cloud Aviation, Inc., St. Cloud, MN 56302.</p>							

CARRY FORWARD THE TOTAL ACCUMULATED FLYING TIME TO THE TOP OF NEXT PAGE

AIRCRAFT LOG

VOR Receiver operation checked in accordance with FAR 91.25				DATE	REMARKS
Date	Bearing error	Place	Signature		
	VOR 1	VOR 2		19 <u>SC</u>	<p>Enter here general data with reference to "Line" and "Periodic" inspections - Rigging Changes - Alterations - Repairs - Service Letters - and changes in propeller or engine - as outlined in the front of this book, under the heading, "INSTRUCTIONS FOR USE OF THIS LOG BOOK." ALL DATA must bear the endorsement of a certificated mechanic, and his rating and certificate number must be shown.</p> <p><u>4-6-80</u> <u>Cessna AUDIO PUL, 2ea RT 385 NAV/COM</u> <u>1ea Ghibi's scope Rec, 1ea MARKER REC REMOVED</u> <u>THEN ADDED CP136M AUDIO PUL, 2ea COMS 11</u> <u>2ea VARIO NAV'S NAV 975 & NAV 824 PER DRAWG</u> <u># SK 40-0018. INSTALLATION PER AC43-1</u> <u>SKYLINE</u></p> <p><u>W/ST 7741 66.6</u> <u>ELT check OK BATT PUL OCT. 87</u> <u>PREP. 662.0. FT. 273.7. 50H. 1984</u> <u>C/W AD 86-17-11 P.O.H. REV. PILOT OPERATING PROCEDURE -</u> <u>Am-34-5407 PRE FLIGHT CHECK SYSTEM CHECK</u> <u>C/W AD 84-10-01 PUL BLADDER FATAL - CHECKED</u></p>
ANNUAL/100 HOUR RELEASE					
<p>I certify this aircraft/engine has been inspected in accordance with a 100 Hour or Annual Inspection and found to be airworthy. Tach Time <u>662.0</u> Date <u>5-29-86</u> Signature <u>[Signature]</u> Type of Certificate/Number <u>710 470 526948</u> for CRS C14-18, St. Cloud Aviation, Inc., St. Cloud, MN 56302.</p>					

AIRCRAFT LOG

DATE	FLIGHT FROM	TO	NATURE OF FLIGHT	DURATION OF FLIGHT	ACCUMULATED TOTAL FLYING TIME		SIGNATURE OF PILOT	
					HOURS	10THS		
19 88								
			MAINTENANCE RELEASE					
			The component identified was repaired and inspected in accordance with current regulations of the Federal Aviation Administration for return to service. Pertinent details of the repairs are on Station under work order <u>10942</u> , Date <u>5-20-88</u> , Signature <u>[Signature]</u> , Type of <u>[Signature]</u> for CRS C14-18, St. Cloud Aviation, Inc., St. Cloud, MN 56302.					
June 23			Main Gear Bushes Replaced To Heavy Duty pins Gear wheels - slides lubed & cleaned				[Signature]	
1989								
MAY 24	TT 814130		Main Gear - Nose Gear - Cables - wheels - cleaned & lubed				[Signature]	
June 10	TT 830		Main Gear - Nose Gear - Cables - cleaned and lubed - Brake cables cleaned				[Signature]	

CARRY FORWARD THE TOTAL ACCUMULATED FLYING TIME TO THE TOP OF NEXT PAGE

AIRCRAFT LOG

VOR Receiver operation checked in accordance with FAR 91.25				DATE	REMARKS
Date	Bearing error	Place	Signature		
88	VOR 1	VOR 2		19 88	Enter here general data with reference to "Line" and "Periodic" inspections - Rigging Changes - Alterations - Repairs - Service Letters - and changes in propeller or engine - as outlined in the front of this book, under the heading, "INSTRUCTIONS FOR USE OF THIS LOG BOOK." ALL DATA must bear the endorsement of a certificated mechanic, and his rating and certificate number must be shown.
Aug 23	0 0	VEG	[Signature]	80000	Nose Main Gear lubed - pulleys cables - cleaned
8/25	0 0	INL	[Signature]		Lubed & cleaned
000	0 0				
8/25/89		TACH	814.30		ELT OK BATT AUC 2/90
8/25/89	0 +1	STC	[Signature]		PROP TT 814.30 TSOH 424.8 5/2/84
June	0 0	YKE	[Signature]		C/W ADH-10-01 Fuel Tanks OK
July 20	0 +2	VEG	[Signature]		INSTALL New G-242 BATT. New computer BATT.
Aug 1	0 +1	STC	[Signature]		
SEP -1	-1	YWL	[Signature]		ANNUAL 100 HOUR RELEASE
		TACH TIME	814.30		TOTAL TIME 814.70 TSMOH
		I cert			
		Date	8/25/89		Signature Jimmy Heagren
		Type of Cert	1495765		for CRS C14-18
		STC Aviation, Inc.,	St. Cloud, MN 56302		

AIRCRAFT LOG

DATE	FLIGHT FROM	TO	NATURE OF FLIGHT	DURATION OF FLIGHT	ACCUMULATED TOTAL FLYING TIME		SIGNATURE OF PILOT
					HOURS	10THS	
19 <u>87</u>			MAINTENANCE RELEASE				
<p>The component identified was repaired and inspected in accordance with current regulations of the Federal Aviation Administration and is approved for return to service. Pertinent details of the repairs are on file at this Repair Station under work order <u>11534</u>, Date <u>5/28/87</u>, Signature <u>Wm. Haugen</u>, Type of Certificate/Number <u>14959CS</u> for CRS C14-18, STC Aviation, Inc., St. Cloud, MN 56302</p>							
<u>7-31-89</u>	<u>A/C washed</u>	<u>-</u>	<u>Gen cleaned</u>	<u>Re BDR</u>	<u>Batteries checked</u>	<u>2316387</u>	<u>W. Haugen</u>
	<u>BATTERY CHECKED</u>						
<u>8-27-89</u>	<u>Replaced</u>	<u>FWD. & INST. FILTERS</u>				<u>2316387</u>	<u>W. Haugen</u>
<u>9-26-89</u>	<u>A/C washed</u>	<u>-</u>	<u>Gen cleaned</u>	<u>lubed</u>	<u>Batteries checked</u>	<u>2316387</u>	<u>W. Haugen</u>
<u>27</u>							

CARRY FORWARD THE TOTAL ACCUMULATED FLYING TIME TO THE TOP OF NEXT PAGE

AIRCRAFT LOG

VOR Receiver operation checked in accordance with FAR 91.25				DATE	REMARKS
Date	Bearing error	Place	Signature		
<u>90</u>	<u>VOR 1</u>	<u>VOR 2</u>		19 <u>90</u>	<p>Enter here general data with reference to "Line" and "Periodic" inspections - Rigging Changes - Alterations - Repairs - Service Letters - and changes in propeller or engine - as outlined in the front of this book, under the heading, "INSTRUCTIONS FOR USE OF THIS LOG BOOK." ALL DATA must bear the endorsement of a certificated mechanic, and his rating and certificate number must be shown.</p> <p><u>5-16-90</u> <u>TACH 917</u> <u>REPAIRED</u> <u>ALL BATTERY REPAIRED</u> <u>ALT BATTERY NEXT DUE</u> <u>JAN 92.</u> <u>AD 84-26-12</u> <u>INDUCTION AIR FILTER</u> <u>DUE AT 1314 HRS.</u> <u>CW AD 84-10-01</u> <u>BY INSPECTING FULL FLIGHT LOGS</u> <u>CHK. OLD</u> <u>87-20-09</u> <u>SEAT BELTS.</u> <u>NEXT DUE AT 5-16-91</u> <u>INSPECTED ALL FPM</u> <u>CHECKED</u> <u>MANUAL.</u></p> <p><u>5-16-90</u> <u>917</u> <u>REPLACED</u> <u>LEFT MAIN GEAR</u> <u>SAFETY</u> <u>- LUBED</u> <u>ALL</u> <u>GEAR</u> <u>FITTINGS</u> <u>- CABLES</u> <u>- &</u> <u>MICRO</u> <u>SWITCHES</u> <u>SLIDE</u> <u>TUBES</u></p> <p align="center">ANNUAL/100 HOUR RELEASE</p> <p>TACH TIME <u>917</u> TOTAL TIME <u>917</u> TSMOH <u>0</u></p> <p>I certify this aircraft/engine has been inspected in accordance with a 100 Hour or Annual Inspection and found to be airworthy</p> <p>Date <u>5-16-90</u> Signature <u>Wm. Haugen</u></p> <p>Type of Certificate/Number <u>149526948</u> for CRS BDKR333C, STC Aviation, Inc., St. Cloud, MN 56302</p>

Date	Description
25-77	CM AD 79 05-09 OIL PRESS RELIEF VALVE J.H. 1495765
15-79	AD 79-08-03 Doesn't Apply Sigsbee L.R. 1979255
15-79	AD 79-13-22 Doesn't Apply cont. in cracks L.R. 1979255
16-81	AD 79-10-14 N/A S.N. AD 79-25-07 N/A S.N. 80-10-01 N/A (AIRGLASS.)

16-80	84-26-02 P/C/W 8-27-85 814 HRS NEXT DUE 1314 HRS
16-90	84-10-01 FUEL COMPARTMENT C/W NEXT DUE 5-16-91
16-90	87-20-03 SEAT NAILS NEXT DUE 5-16-91
16-90	87-06-09 MECH PROB CIRCUIT BREAKER NONE FOUND
14-91	87-20-04 N/A B/S/W FUEL CONTAMINATED
5-92	84-10-01 ^{R1} CK Fuel filler Gaskets & Caps as per AD CK OK NEXT DUE 8-93 <i>John Reed BDKR3530</i>
5-92	87-20-03 ^{R1} Seat Rail Insp. dimension & measurement OK OK NEXT DUE 8-93 <i>John Reed BDKR3530</i>
5-92	84-26-02 NEXT DUE replacement AT 1521.9 Paper Element <i>John Reed BDKR3530</i>
	97-01-13 140 HRS N/A By Insp
	STIPONER N/A By Records

Date	Description
72-23-77	XXXXXXXXXX
75-16-01	N/A S/W ✓
77-04-05	N/A S/W ✓
79-08-03	N/A S/W ✓
79-10-14	N/A S/W ✓
75-09-06	N/A S/W ✓
79-25-07	N/A S/W ✓
80-10-01	N/A NO SKIS ✓
83-17-86	C/W 477.1 5-9-85 C14-18 ✓
76-04-03	N/A S/W ✓
77-12-08	N/A S/W ✓
84-10-01	C/W 477.1 5-9-85 C14-18 EVERY 12 MO. ✓
83-22-06	N/A S/W ✓
84-26-02	Air Filter New 400.0 Hrs - Due replace ^{every} 500 Hrs DASH ✓
77-26-03	PROP N/A S/W ✓
82-27-02	N/A BLADE S/W ✓
86-19-11	AM. 39-5407 P.O.H. Rev. PREFLIGHT FUEL SYSTEM CK. one Time ✓

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A188A - 03646

MEMORANDA

A-D

Date	Description	By
81-26-4	SHOULDER HARNESS	N/A BY SER #
86-24-01	ENG. CONTROL	N/A BY SER #
93-24-15	electronic fire	N/A by SIN
87-20-03	R2 Spots & rails	A.P. L.W. by inspection 7 next
84-10-01	R1 fuel taps	A.P. L.W. by inspection due 5-96
93-05-06	Ignition switch diode & kit installed	due 3208 tach
68-17-04	SPAN mounting	N/A BY SIN
73-23-07	SPAN ATTACH	N/A BY SIN
76-04-07	ARC ARRESTOR	N/A BY SIN
80-06-01	FRONT CONTAMINATION	N/A BY RECORDS
84-19-01	SHOULDER HARNES	N/A BY INSP.

[Handwritten signature]
470 5216 10-20-86

MAINTENANCE RELEASE

INC., St. Cloud, MN 56301

1234/1857E
S-N

THE APPLIANCE IDENTIFIED ON THE REVERSE SIDE WAS REPAIRED AND INSPECTED IN ACCORDANCE WITH CURRENT REGULATIONS OF THE FEDERAL AVIATION ADMINISTRATION AND IS APPROVED FOR RETURN TO SERVICE.

PERTINENT DETAILS OF THE REPAIR ARE ON FILE AT THIS REPAIR STATION UNDER THE WORK ORDER NOTED.

SIGNED *[Signature]* DATE 2-5-86

FOR **CENTURY INSTRUMENT CORPORATION**

4440 SOUTHEAST BOULEVARD

WICHITA, KS 67210

FORM 12

CERTIFICATED REPAIR STATION NO. 364-84

AFTER EFFECTS		
Altimeter Reads	UP	DOWN
14000		10
16000		10
18000	5	
20000		10
22000		10
25000		30
30000		
35000		
40000		
45000		
50000		

TESTED BY:

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
---	---	---	---	---	---	---	---	---	----	----	----	----	----	----	----	----	----	----	----

QUAN	360'	6	30'	1	2	20	12	6											
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ESTIMATE NO



AIRFRAME MAINTENANCE RECORD

Book 2

AIRCRAFT SERIAL AND REGISTRATION 18503646 N 8297Q

RECORD NUMBER _____

INSTRUCTIONS

This record should be completed and maintained in accordance with FAA Federal Aviation Regulations 43.9, 43.11 and 91.173 and/or other prevailing government regulations.

Note: Record Service Bulletins and Airworthiness Directives in the back of this record as well as the appropriate Engine/Propeller/Avionics Maintenance Record.

Copyright © 1988

MAINTENANCE RECORD

DATE	TOTAL TIME IN SERVICE		DESCRIPTION OF THE WORK PERFORMED	AUTHORIZED SIGNATURE, CERTIFICATE TYPE & NUMBER
	HOURS	10ths		
1990				
5-31	924.	3	REPLACED LEFT MAIN GEAR BEARINGS (CUPS & CONES) REPLACED PIVOT BUSHES & BUSHINGS IN SAME GEAR. GEAR CYCLE CK - OK.	
			MAINTENANCE RELEASE	
			The component identified was repaired and inspected in accordance with current regulations of the Federal Aviation Administration and is approved for return to service. Pertinent details of the repairs are on file at this Repair Station under work order <u>2520</u> , Date <u>5-31-90</u> , Signature <u>[Signature]</u> , Type of Certificate/Number <u>FA470521545</u> for CRS BDKR393C, STC Aviation, Inc., St. Cloud, MN 56302.	
6-27	947	0	REPLACED RT. MAIN TIRE AND BEARINGS GREASED LUBRICATED SLIDES GEAR PULLEYS - CABLES VOR check STC #1-0-30	[Signature] FA470521545

MAINTENANCE RECORD

DATE	TOTAL TIME IN SERVICE		DESCRIPTION OF THE WORK PERFORMED	AUTHORIZED SIGNATURE, CERTIFICATE TYPE & NUMBER
	HOURS	10ths		
19 <u>90</u>			<p>The static pressure system and altimeter instrument were inspected and tested <u>7-19-90</u> to an altitude of <u>16</u> thousand feet and found to comply with FAR 91.171. The ATC transponder was tested and inspected <u>7-19-90</u> and found to comply with FAR 91.172(a). Automatic altitude reporting equipment was tested and calibrated <u>7-19-90</u> in compliance with FAR 91.36(b). Transponder model <u>AT-15</u> S/N <u>37164</u> Signature <u>[Signature]</u> for CRS BDKR393C, STC Aviation, St. Cloud, MN 56302</p>	
<u>7-12</u>	<u>975</u>	<u>-</u>	<p>LUBED GEARED GEAR PULLEY CABLES & SLIDES</p> <p>VAL CHECKED YWL # <u>1-0</u> # <u>2-3</u></p>	<p><u>[Signature]</u> 2516357</p>
<u>8-28</u>	<u>1000</u>		<p>LUBED GEARED GEAR PULLEY CABLES & SLIDES</p> <p>VAL CHECKED SIC # <u>1-0</u> # <u>2-0</u></p>	<p><u>[Signature]</u> 2516357</p>

MAINTENANCE RECORD

DATE	TOTAL TIME IN SERVICE		DESCRIPTION OF THE WORK PERFORMED	AUTHORIZED SIGNATURE, CERTIFICATE TYPE & NUMBER
	HOURS	10ths		
19 <u>91</u>				
<u>3-10</u>	<u>0</u>	<u>0</u>	<p>VAL 1 VAL 2 STR</p>	<p><u>[Signature]</u> 2516357</p>
<u>5-10-91</u>			<p>Installed Trimble 200 GPS + Removed AD1 Logon</p>	
			<p style="text-align: center;">MAINTENANCE RELEASE</p> <p>The component identified was repaired and inspected in accordance with current regulations of the Federal Aviation Administration and is approved for return to service. Pertinent details of the repairs are on file at this Repair Station under work order <u>6687</u>, Date <u>5-10-91</u>, Signature <u>[Signature]</u>, Type of Certificate/number <u>2573051212</u> for CRS BDKR393C, STC Aviation, Inc., St. Cloud, MN 56302.</p>	

MAINTENANCE RECORD

DATE 19 <u>91</u>	TOTAL TIME IN SERVICE		DESCRIPTION OF THE WORK PERFORMED	AUTHORIZED SIGNATURE, CERTIFICATE TYPE & NUMBER
	HOURS	10ths		
5-14	1021.7		Replaced N.B. TIRES & TUBES. REPAIRED AN BEARINGS CONES & WPS. Repaired M.C. TIRES & TUBES. REPLAIED AN BEARINGS CONES & WPS.	
			Repaired both BRAKE ROTORS & LININGS. INSPECTED & SERVICED Flights JAW EDO 3500 MANUAL. CIW AD 84-10-01 FULL	
			CONTINUATION. NEXT DIV 5-92. CIW AD 87-20-03 SEAL LOCKING - SEAT RAILS. NEXT DIV 5-92. EGT DIV JAN 92	
			INSPECTED AIRCRAFT ZIAIW CRINA SERVICE MANUAL.	

ANNUAL/100 HOUR RELEASE

TACH TIME 1021.7 TOTAL TIME 1221.7 TSMOH 1
 I certify this aircraft engine has been inspected in accordance with a 100 Hour
 or Annual inspection and found to be airworthy.
 Date 5-14-91 Signature [Signature]
 Type of Certificate/Number 47052694K for CRS BDKR393C,
 STC Aviation, Inc., St. Cloud, MN 56302

MAINTENANCE RECORD

DATE 19 <u>91</u>	TOTAL TIME IN SERVICE		DESCRIPTION OF THE WORK PERFORMED	AUTHORIZED SIGNATURE, CERTIFICATE TYPE & NUMBER
	HOURS	10ths		
			MAINTENANCE RELEASE The component identified was repaired and inspected in accordance with current regulations of the Federal Aviation Administration and approved for return to service. Pertinent details of the repairs are on file at the repair Station under work order <u>6722</u> , Date <u>5-14-91</u> , Signature <u>[Signature]</u> , Type of Certificate Number <u>IA 47052694K</u> for CRS BDKR393C, STC Aviation, Inc., St. Cloud, MN 56302.	
2/1/91	0	-1	STC	[Signature] 2316387
7/5	0	-2	YKE [Signature] 2316387	
8/1	0	-1	FUL [Signature] 2316387	
9/1	0	-2	YUL [Signature] 2316387	

MAINTENANCE RECORD

DATE	TOTAL TIME IN SERVICE		DESCRIPTION OF THE WORK PERFORMED	AUTHORIZED SIGNATURE, CERTIFICATE TYPE & NUMBER
	HOURS	10ths		
19 92				
Aug 5-92	TACH 1121.9	TOTAL TIME	Replaced EIT, Battery Battery Exp. "Sept 94" opps OK OK Replaced left nose tire Bearings & seals Replaced Ant. Ball Clw AD 84-10-01 RI Fuel Caps seals OK OR NEXT DUE AT ANNUAL Clw AD 87-20-05 R2 Seat Rail OK OR NEXT DUE AT ANNUAL Air Cleaner Replaced AT 1021.9 NEXT DUE AT 1521.9 AS PER AD 84-26-02 ANNUAL 1121.9 TOTAL TIME 1121.9 TSMOH <u> </u> I CERTIFY <u> </u> Airframe has been inspected in accordance with a 100 Hour Annual inspection and found to be airworthy Date <u>Aug 5-92</u> Signature <u>John Ricard</u> Type of Certificate/Number <u>4168921392ED</u> for CRS BDKR393C, STC Aviation, Inc., St. Cloud, MN 56302	

MAINTENANCE RELEASE

The component identified was repaired and inspected in accordance with current regulations of the Federal Aviation Administration and is approved for return to service. Pertinent details of the repairs are on file at this Repair Station under work order 8224, Date Aug 5-92, Signature John Ricard, Type of Certificate/Number 4168921392ED for CRS BDKR393C, STC Aviation, Inc., St. Cloud, MN 56302.

MAINTENANCE RECORD

DATE	TOTAL TIME IN SERVICE		DESCRIPTION OF THE WORK PERFORMED	AUTHORIZED SIGNATURE, CERTIFICATE TYPE & NUMBER
	HOURS	10ths		
9 92				
MAY 27	1167	00	A/C WASHED - BATTERY CHECK - FLOAT CABLES pulleys LUBR. wheels GREASED - TIRES CHECKED - BRAKES CLEANED VOR CHECK SIC # 1-0 # 2-3	R.P. Sauber 2316387
June 3	1175	03	Float wheels GREASED - PULLEYS LUBRIC, VOR CHECK YKE # 1-0 # 2-3	R.P. Sauber 2316387
JULY 12	1200	07	Float wheels Greased - pulleys LUB. BRAKES CLEANED, VOR CHECKED YVO # 1-0 # 2-0	R.P. Sauber 2316387
AUG 9	1208	02	A/C WASHED BRAKES INSPECTED CLEANED - FLOAT wheels LUB. pulleys INTERNALLY & EXTERNAL A/C JACKED FOR SERVICING VOR CHECKED SIC # 1-0 # 2-0	R.P. Sauber 2316387

MAINTENANCE RECORD

DATE	TOTAL TIME IN SERVICE		DESCRIPTION OF THE WORK PERFORMED	AUTHORIZED SIGNATURE CERTIFICATE TYPE & NUMBER
	HOURS	10ths		
19 <u>95</u>			<p align="center">ANNUAL/100 HOUR RELEASE</p> <p>TACH TIME <u>1208.2</u> TOTAL TIME <u>1208.2</u> TSMOH _____ Verify this aircraft engine has been inspected in accordance with a 100 Hour Annual Inspection and found to be airworthy Date <u>5-24-95</u> Signature <u>[Signature]</u> Type of Certificate/Number <u>420820171A</u> for CRS BDKR303C, STC Aviation, Inc., St. Cloud, MN 56302</p>	
			<p align="center">MAINTENANCE RELEASE</p> <p>The component identified was repaired and inspected in accordance with current regulations of the Federal Aviation Administration and is approved for return to service. Pertinent details of the repairs are on file at this Repair Station under work order <u>12385</u>, Date <u>5-24-95</u> Signature <u>[Signature]</u>, Type of Certificate/Number <u>420820171A</u> for CRS BDKR303C, STC Aviation, Inc., St. Cloud, MN 56302.</p>	

MAINTENANCE RECORD

DATE	TOTAL TIME IN SERVICE		DESCRIPTION OF THE WORK PERFORMED	AUTHORIZED SIGNATURE, CERTIFICATE TYPE & NUMBER
	HOURS	10ths		
	1232		Bow wheels - MAIN GEAR STRUTS - OILERS CLEANED AND LUBRICATED	386387 [Signature]
	1244.2	tach	Installed Overhauled Encoding Altimeter <p align="center">MAINTENANCE RELEASE</p> <p>The component identified was repaired and inspected in accordance with current regulations of the Federal Aviation Administration and is approved for return to service. Pertinent details of the repairs are on file at this Repair Station under work order <u>12543</u>, Date <u>8-7-95</u> Signature <u>[Signature]</u>, Type of Certificate/Number <u>R-2/2429151</u> for CRS BDKR303C, STC Aviation, Inc., St. Cloud, MN 56302.</p>	
8-9-95	1244.2		Rigged LH FOOT RETRACT CABLES AS PER EDO 696-3500 Service MANUAL. Thomas A. Heaman AD474 6447192A	

MAINTENANCE RECORD

DATE 19 <u>96</u>	TOTAL TIME IN SERVICE		DESCRIPTION OF THE WORK PERFORMED	AUTHORIZED SIGNATURE, CERTIFICATE TYPE & NUMBER
	HOURS	10ths		
1244	7		OIL FILTER CHANGED - PLUGS CHANGED - TIMING CHECKER COMPRESSION #1-75 #2-76 #3-74 #4-75 #5-66 #6-75/80 RIGHT BRAKE CLEANED PAD CHANGED - LEFT BRAKE ALIGNED - TIRES CHECKED - RIGHT FRONT BRAKING CHANGED - CABLES PULLY'S SLIDES CHECKED & LUBED - BATTERIES CHECKED EAT CHECKED ALL ANTENNAS CABLES CHECKED NEW FLYE BRAKE BLEED INSTALLED - ALL NIGHTS RADIOS CHECKED - TROOP CHECKED OK & GOVERNOR. SW 84-10-01 R1 FOR CAPS BY INSR SW 87-20-03 R2 SEAT RAISER CHECK CH EGT. IN ACCORDANCE 91-207D	

ANNUAL/100 HOUR RELEASE

TACH TIME 1244.7 TOTAL TIME 1244.7 T^CMOH 7
 I certify this aircraft/engine has been inspected in accordance with a 100 Hour

of Annual Inspection and found to be airworthy.
 Date 12/29/96 Signature [Signature]
 Type of Certificate/Number 1495765 for CRS BDKR393C,
 STC Aviation, Inc., St. Cloud, MN 56302

MAINTENANCE RELEASE

The component identified was repaired and inspected in accordance with current regulations of the Federal Aviation Administration and is approved for return to service. Pertinent details of the repairs are on file at this Repair Station under work order 13341, Date 12/29/96
 Signature [Signature] Type of Certificate/number 1495765 for CRS BDKR393C, STC Aviation, Inc., St. Cloud, MN 56302

MAINTENANCE RECORD

DATE 2006 10-25	TOTAL TIME IN SERVICE		DESCRIPTION OF THE WORK PERFORMED
	HOURS	10ths	
10-25	1285	1	I certify that the altimeter, static system, transponder and altitude reporter test required by FARs 91.411, 91.413 & 91.217 have been performed and found to be within the limits of FAR 43 appendices E & F and AC 43.6a. TESTED TO <u>20 KR</u> Altimeter Model <u>8140B-20 #1 S/N 1634/1857E S/N 3A242</u> Transponder Model <u>AT-150 #1 S/N 37164 #2 S/N</u> Altitude Reporter <u>8140B-20 #1 S/N 1634/1857E #2 S/N</u> Signed <u>[Signature]</u> Date <u>10-25-06</u> STC Aviation Inc., St. Cloud, MN 56304 CRS BDKR393C

Altimeter Model <u>8140B-20</u> s/n <u>1634/1857E</u>			
Altitude	Altimeter Reads	Altitude	Altimeter Reads
-1000	-750	14000	13940
0	010	16000	15920
500	520	18000	17920
1000	990	20000	19910
1500	1510	22000	
2000	1990	25000	
3000	2980	30000	
4000	3980	35000	
6000	5960	40000	
8000	7960	45000	
10000	9940	50000	
12000	11940		

Inspector [Signature] Date 10-25-06 #1

Altimeter Model <u>5934PA-1</u> s/n <u>3A248</u>			
Altitude	Altimeter Reads	Altitude	Altimeter Reads
-1000	-1000	14000	13920
0	000	16000	15900
500	500	18000	17890
1000	1000	20000	19880
1500	1500	22000	
2000	2010	25000	
3000	3000	30000	
4000	4000	35000	
6000	5980	40000	
8000	7980	45000	
10000	9960	50000	
12000	11950		

Inspector [Signature] Date 10-25-06 #2

MAINTENANCE RECORD

AUTHORIZED SIGNATURE,
CERTIFICATE TYPE
& NUMBER

DESCRIPTION OF THE WORK PERFORMED

TOTAL TIME
IN SERVICE

19 _____ HOURS 10ths

19 _____

6/25/2010
S/N 18503646

PARK RAPIDS AVIATION, INC
301 AIRPORT ROAD
PARK RAPIDS, MN 56470

218-237-8528

N8297Q
Tach: 1286.4

TTAF: 1286.4

AIRFRAME LOG

Installed Symbolic Displays fuel flow STC SA4139WE. Created 337 dated 6-11-2010.
Created 337 dated 6-11-2010. Replaced 2
Inspected previously installed Insight engine monitor STC SA157NE. Cleaned fuel screens and
nose wheel bearings and all 4 seals with new. Repacked all bearings with new grease. Cleaned fuel screens and
drained sumps. Installed new strainer plunger. Installed new fuel quick drain in R/H wing. Installed new R/H cowl
flap hinge. Installed new G-242 battery S/N G02509776 and cleaned battery terminals. Lubed engine and flight
controls. Installed new Bracket induction air filter IAW STC SA71GL. See 337 dated 6-23-10. Installed new
vacuum regulator and instrument air filter. Tested ELT IAW FAR 91.207 (d). Installed new ELT battery due 7-
2012. Complied with AD 87-20-03 R2 seat rollers and tracks. No defects noted. AD 09-04-05 N/A. STC not
installed. AD 08-26-10 N/A by manufacture date of valve. This Airframe has been inspected in accordance with a
100 hour inspection and was found to be airworthy at this time.

I certify that this aircraft has been inspected IAW an annual inspection and was found to be in airworthy condition
at this time.

Brad Olson 477049349 IA

Brad Olson

6/25/2010

PARK RAPIDS AVIATION, INC
301 AIRPORT ROAD
PARK RAPIDS, MN 56470

218-237-8528

N8297Q
Tach: 1286.4

TTAF: 1286.4

FLOAT LOG

Inspected for leaks and checked rigging on cables and gear. Lubed all grease points. Replaced 2 nose wheel
bearings all nose seals. These Floats have been inspected in accordance with a 100 hr inspection using Edo 3500
maintenance manual and was found to be airworthy at this time.

I certify that these Floats have been inspected IAW an annual inspection and was found to be in airworthy
condition at this time.

Brad Olson 477049349 IA

Brad Olson

8/12/2010
S/N 18503646

PARK RAPIDS AVIATION, INC
301 AIRPORT ROAD
PARK RAPIDS, MN 56470

218-237-8528

N8297Q
Tach: 1287.4

TTAF: 1287.4

AIRFRAME LOG

Up dated weight and balance.
Removed Edo 3500 floats and hydraulics and installed factory gear.

Brad Olson A&P 477049349

Brad Olson


ED SIGNATURE,
DATE TYPE
NUMBER

MAINTENANCE RECORD

TIME

AUTHORIZED SIGNATURE,
CERTIFICATE TYPE
& NUMBER

Date: 8-17-2010 N#: 8297Q Model: Cessna A185F S/N: 18503646 TT: 1287.4
 Removed Narco CP-136 audiopanel/MKB and installed in accordance with manufactures installation manual and AC-43.13 new PS Engineering PMA-8000BT audiopanel/MKB/intercom p/n 050-890-0702 s/n ABT1135. weight and balance change negligible, updated equipment list. Removed defective encoding altimeter Aero-Mech 8140B-20, moved the RH altimeter to pilots position, installed new blind encoder Transcal SSD 120-30N s/n N14205. The altimeter, encoder, transponder, static system tests required by FAR 91-411, FAR 91-413, and FAR 91-217 were performed and found to meet the requirements of FAR 43 appendix E and F. Tested to 20,000 feet.
 Altimeter #1_5934PA-1 s/n_3A240
 Transponder #1_AT-150 s/n_37164
 Encoder #1_SSD120-30n s/n_n14205
 MAINTENANCE RELEASE / RETURN TO SERVICE CRS# K15R981Y
 The Aircraft component, identified above was repaired and inspected in accordance with current regulations of the Federal Aviation Administration and is approved for return to service. Pertinent details of these inspections are on file at this repair station under WO#_1717

Signed 
 Park Rapids Avionics CRS # K15R981Y

MAINTENANCE RECORD

DATE	TOTAL TIME IN SERVICE		DESCRIPTION OF THE WORK PERFORMED	AUTHORIZED SIGNATURE, CERTIFICATE TYPE & NUMBER
	HOURS	10ths		
7-1-11			TACH 1422.3 ANNUAL INSPECTION Removed all plates panels and fittings inspected and lubed all cables pulleys and hinges serviced fuel lines adjusted voltage regulator clean fuel screens installed AIRWOLF Air-oil separator TESTED BIT IAW FAR 91.207 (d) BATTERY EXPANS 7-12 SWAD 2011-10-09 seat structure by inspection per PANA(G) installed ALASKAN Bushwheel assemblies see 337 removed insight engine monitor and installed JPI EGT-701 scanner in same place see 337 installed SELKIRK Extended Rear BAGGAGE see 337 checked all items complied CESSNA A185 100 hour inspection items	

MAINTENANCE RECORD

DATE 19__	TOTAL TIME IN SERVICE		DESCRIPTION OF THE WORK PERFORMED	AUTHORIZED SIGNATURE, CERTIFICATE TYPE & NUMBER
	HOURS	10ths		
6/6/2011	1393.0		Removed Cessna Air Vents and installed Flight Products wing root vents per STC SA 00709CH. Negligible weight & balance change. Installed Mountain View Aviation door steward gun springs per STC SA 011205G Negligible weight and balance change. Tom Schell ACP15350381A	

MAINTENANCE RECORD

DATE 19__	TOTAL TIME IN SERVICE		DESCRIPTION OF THE WORK PERFORMED	AUTHORIZED SIGNATURE, CERTIFICATE TYPE & NUMBER
	HOURS	10ths		
7-1-11			TACH 1422.3 ANNUAL INSPECTED CONTINUED INSTALLED ALL PLATES PANELS AND FINISHES REMOVED ALASKAN BUSH WHEEL STANDARDS WHEELS INSTALLED	
<p>I CERTIFY THAT THIS <u>AIRCRAFT</u> HAS BEEN INSPECTED IN ACCORDANCE WITH A <u>ANNUAL</u> INSPECTION AND WAS DETERMINED TO BE IN A <u>AIRWORTHY</u> CONDITION DATE <u>7-1-11</u> TOTAL TIME <u>1422.3</u> REG. TAG# <u>1422.3</u> IA: <u>457467686 AP</u> <u>Donald Hoyer</u></p>				

Aircraft Maintenance Record

Tail Number: N8297Q Serial Number: 18503646
 Work Order Number: 2074 Date: 04/15/2011

Installed Equipment

Part Number	Serial Number
A) Programmer/Computer	01192-12-5 01192-1112-14996
B) Roll Servo	0106-1-5-R9 00106-1112-27008BCFEHJ
C) Pitch Servo	0108-1-P4 00108-1112-20081CDEFQJK
D) Turn Coordinator	6405-28L H10-10847
E) Transducer	0111 00111-1109-42456AA

Item A is located in the Avionics Radio Stack. Item B is Left Hand Wing. Items C and E are located in the Aft Tail. Item D is located in the Pilot's Instrument Panel. Item A is protected by a 5 amp CB labeled AUTOPILLOT. Item D is protected by a 5 amp CB labeled T&B. All Circuit Breakers are located in the Pilot's Lower Circuit Breaker Panel.

Installation done I/A/W the S-TEC System 55/55X Two Axis Automatic Flight Guidance System, Model ST-596-50/55X, according to Bulletin # 600, Rev AB, Dated 06/29/100, ST-596 Installation Model, Rev 7, Dated 06/01/09, STC #SA09018AC-D and AC43-13-1B Section 7-14 through 17, 7-63 and 64, 11-47 through 51, 11-66 through 69, 11-76 through 78, 11-85 through 89, 11-100, 11-106, 11-205 through 210, 11-214 and 215, 12-1, 12-8 through 9a, d, f, 12-10 through 20 and AC43-13-2B Chapter 2 section 200-204.

L/H and R/H Static Ports were installed by the Customer

The S-TEC System 50/55X Two Axis Automatic Flight Guidance System Flight Manual Supplement P/N: 891191, Dated 08/25/95 is required for Cessna Model A185F or later FAA Approved TMS is required.

Ground tests were performed to verify that normal operation of the aforementioned equipment does not adversely affect the operation of any previously installed equipment/systems per 14 CFR 23.1301

W/ and Balance Revised, Equipment List Revised

Daniel Bowman- Repairman Certificate # 3268571
 John Rushing- Repairman Certificate # 3453053

The aircraft and/or component listed on this WO 2074 were repaired and inspected I/A/W current FAA Regulations and are approved for return to service.

Temple Electronics Co. Inc.
 CRS XDI/CDK
 SIGNED: *John Hoyle*
 REPAIRMAN CERTIFICATE # 3384687

Aircraft Maintenance Record

Tail Number: N8297Q Serial Number: 18503646
 Work Order Number: 2074 Date: 04/15/2011

Removed	Part Number	Serial Number
A) #1 Narco Comm	811	51575
B) #2 Narco Comm	811	51577
C) #1 Narco Nav	825	51957
D) #1 Narco Nav Indicator	ID-825	16136
E) #2 Narco Nav	824	11420
F) #2 Narco Nav Indicator	ID-824	16097
G) Narco Transponder	AT150	37164
H) Trimble TNL3000 GPS	13824-03-0304	2286519
I) Trimble GPS Antenna	16248-20	3108A01302
J) Trimble Antenna Coupler	80109-00	1500021
K) Directional Gyro	C661075-0104	76633D

Installed	Part Number	Serial Number
A) GTN750 (#1 GPS/Nav/Comm)	011-00282-00	12A000325
B) GA35 WAAS Antenna	013-00235-00	72793
C) SL30 (#2 Nav/Comm)	430-6040-303	25907683
D) #1 and #2 GI-106A	013-00049-01	C11-10004 and C11-10007
E) Directional Gyro	11J262-005-20	59692E
F) GTX330 Transponder	011-00455-00	84141930

Item A, C and F are located in the Avionics Stack. Items D and E are located in the Pilot's Instrument Panel. Item B is located on Top of the Aircraft. Item A is protected by a 5 amp CB labeled GPS/NAV 1 and a 5 amp CB labeled COMA 1. Item C is protected by a 2 amp CB labeled Nav 2 and a 5 amp CB labeled Comm 2. Item D is protected by a 5 amp CB labeled #1 GI-106A and a 5 amp CB labeled #2 GI-106A. Item F is protected by a 5 amp CB labeled XPNDR. All Circuit Breakers are located in the Pilot's Circuit Breaker Panel.

All work done in accordance with Garmin GTN750 STC Installation Manual # 190-01007-A3, Rev 2, Dated 03/2011, ref. STC SA02019SE-D, Garmin SL30 Nav/Comm Installation Manual # 560-0404-03B, Rev B, Dated 05/10, Garmin GTX330 Installation Manual # 190-00270-02, Rev R, Dated 11/10 and AC43-13-1B Section 7-14 through 17, 7-63 and 64, 11-47 through 51, 11-66 through 69, 11-76 through 78, 11-85 through 89, 11-100, 11-106, 11-205 through 210, 11-214 and 215, 12-1, 12-8 through 9a, d, f, 12-10 through 20 and AC43-13-2B Chapter 2 section 200-204.

Ground tests were performed to verify that normal operation of the aforementioned equipment does not adversely affect the operation of any previously installed equipment/systems per 14 CFR 25.1301

Weight and Balance Revised Equipment List Revised

Daniel Bowman- Repairman Certificate # 3268571
 John Rushing- Repairman Certificate # 3453053

The aircraft and/or component listed on this WO 2074 were repaired and inspected I/A/W current FAA Regulations and are approved for return to service.

Temple Electronics Co. Inc.
 CRS XDI/CDK
 SIGNED: *John Hoyle*
 REPAIRMAN CERTIFICATE # 3384687

SERVICE	
HOURS	10ths

Aircraft Maintenance Record

Tail Number: N8297Q Serial Number: 18503646
 Work Order Number: 2074 Date: 04/15/2011

Perform 91.411/91.413 Bi-Annual Checks:

Performed tests required by 14CFR Part 91.413 in accordance with paragraph (c) Appendix E and Appendix F of 14CFR Part 43.

#1 Transponder (GTX330) - P/N- 011-00455-00 S/N- 84141930

Altimeter(s), Altitude Reporting equipment and Static system required by 14CFR Part 91.411 have been performed in accordance with 14CFR Part 43 Appendix E.

#1 Altimeter - P/N- 5934PA-1 S/N- 3A240

Daniel Bowman- Repairman Certificate # 3268571

The aircraft and/or component listed on this WO 2074 were repaired and inspected I/A/W current FAA Regulations and are approved for return to service.

Temple Electronics Co. Inc.
 CRS XD17608K
 SIGNED: Stm Malik
 REPAIRMAN CERTIFICATE # 3384687

MAINTENANCE RECORD

DATE	TOTAL TIME IN SERVICE		DESCRIPTION OF THE WORK PERFORMED	AUTHORIZED SIGNATURE, CERTIFICATE TYPE & NUMBER
	HOURS	10ths		
19__				
5-15-2011			Removed N8297Q ON side of FUSELAGE REPAINTED NEW N NUMBER N185GS USING SAME PAINT AND COLORS IAW CESSNA MAINTENANCE MANUAL N NUMBER APPROVED BY FAA 5-13-2011.	<u>Donal Hickey</u> RA 451412586IA

DATE	TOTAL IN ST
19	HOURS



GREELEY, CO
 REPAIR STATION BX4R092M
 (970) 353-9200

08-13-2012 N185GS sn 18503646 Old Tach 1538.10 New Tach 0.00
 AFTT: 1538.10 Eng TTSFR: 0.00 Prop TTSN: 0.00

Disassembled aircraft for ground transportation 03-22-2012: Removed interior as required for repair access. Removed LH & RH wings. Removed LH flap and aileron. Removed tail surfaces. Removed damaged propeller McCauley Model # D3A34C403/80VA-0. Removed engine TCM IO-520-D sn 566907. Removed LH & RH main landing gear legs and wheel assemblies. Removed tail wheel spring assembly. Disassembled aircraft for repairs: Removed damaged skins and structure as required. Repaired fuselage: Replaced LH forward door post assy pn 0513006-143 at Station 24.00. Replaced forward gear box bulkhead pn 0513006-9 at Station 20.00. Replaced aft gear box bulkhead pn 0513006-103 at Station 27.00. Replaced upper gear box floor plate pn 0513006-11 at Stations 20.00 to 27.00. Replaced LH gear box outboard fitting pn 0790006-5 at Stations 20.00 to 27.00. Replaced LH gear box inboard fitting upper attach angle pn 0713495-18 at Stations 20.00 to 27.00. Replaced LH gear box outboard fitting lower attach angle pn 0713495-5 at Stations 20.00 to 27.00. Replaced LH gear box outboard fitting upper plate pn 0713495-57 at Stations 20.00 to 27.00. Replaced LH gear box aft bulkhead doubler plate pn 0713495-13 at Station 27.00. Replaced LH gear box to door post attach angle pn 0713495-53 at Stations 20.00 to 27.00.

Replaced main belly skin pn 0710003-47 at Stations 24.00 to 65.33. Replaced main belly LH forward hat channel pn 0710005-1 at Stations 24.00 to 44.00. Replaced LH main belly skin doubler pn 0710003-3 at Stations 24.00 to 65.33. Replaced LH cabin step pn 0711710-5. Replaced lower gear box belly skin pn 0713100-25S. Replaced LH lower engine mount stringer pn 0713142-1 at Stations 0.00 to 20.00. Replaced LH door post windshield retainer pn 0713248-1 at Station 20.00. Replaced LH inboard and outboard seat rails pn MC0711693-9 and MC0711693-11 at Stations 24.00 to 65.33. Repaired fuselage: Reinstalled LH forward side skin pn 0713766-7 at Stations 0.00 to 24.00. Reinstalled RH forward side skin pn 0713766-8 at Stations 0.00 to 24.00. Reinstalled forward belly skin pn 0791303-2 at Stations 0.00 to 24.00. Reinstalled main floorboard pn 0711845-4 at Stations 24.00 to 65.33. Reinstalled LH & RH forward floorboards pn 0713002-10 and 0713002-13 at Stations 8.17 to 24.00. Reinstalled windshield. Reinstalled forward fuselage/instrument and firewall section at Stations 0.00 to 24.00. Repaired LH wing: Replaced forward outboard spar channel pn 0721401-5 at Stations 100.00 to 208.00. Replaced aft inboard spar channel pn 0523400-95 at Stations 23.00 to 100.00. Replaced aft outboard spar channel pn 0523406-5 at Stations 100.00 to 154.00. Replaced auxiliary spar channel pn 0523206-2 at Stations 100.00 to 208.00. Replaced forward spar angle pn 1222105-22 at Stations 23.00 to 154.00. Replaced forward spar angle pn 0721402-3 at Stations 85.00 to 154.00. Replaced nose rib pn 0722189-1 at Station 136.00. Replaced rib pn 0722195-1 at Station 118.00. Replaced rib pn 0722196-2 at Station 136.00. Replaced rib pn 0722197-3 at Station 154.00. Replaced rib pn 0722198-1 at Station 172.00. Replaced rib pn 0722199-1 at Station 190.00. Replaced rib pn 0722200-1 at Station 208.00. Replaced trailing edge rib pn 0523511-4 at Station 118.00. Replaced trailing edge rib pn 0523512-4 at Station 136.00. Replaced upper and lower aft outboard stringers pn 0523003-40 at Stations 154.00 to 208.00. Replaced

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upper forward stringers pn 0523541-51 at Stations 86.00 to 208.00. Replaced inboard leading edge skin pn 0722180-39 at Stations 23.00 to 100.00. Replaced outboard leading edge skin pn 0722180-83 at Stations 100.00 to 208.00 in accordance with D.E.R. Engineering Report # 306-2 dated May 22, 2012 and FAA 8110-3 Form dated May 22, 2012. See FAA 337 Form dated 08-01-2012. Replaced upper outboard center skin pn 0722182-16 at Stations 85.00 to 208.00. Replaced lower outboard center skin pn 0722182-17 at Stations 85.00 to 208.00. Replaced upper inboard trailing edge skin pn 0720601-21 at Stations 23.00 to 100.00. Replaced lower inboard trailing edge skin p 0720601-99 at Stations 23.00 to 100.00. Replaced upper outboard trailing edge skin pn 0722182-19 at Stations 100.00 to 208.00. Replaced lower outboard trailing edge skin pn 0722182-25 at Stations 100.00 to 154.00. Replaced inboard trailing edge stiffener pn 0720005-2 at Stations 23.00 to 100.00. Replaced inspection ring doubler pn S226-2 at Station 100.00. Replaced fuel bladder pn 1200065-3E, EFC EMS7, sn 142, manufacture dated 05-23-2012 by Eagle Fuel Cells. Repaired horizontal stabilizer: Replaced LH forward spar channel pn 0732607-1. Replaced LH aft spar channel pn 0732602-2. Replaced LH nose rib pn 0732611-2 at Station 38.875. Replaced LH main rib pn 0732610-4 at Station 38.875. Replaced LH canted rib pn 0732608-1. Replaced LH inboard leading edge skin pn 0732600-5. Replaced LH outboard leading edge skin pn 0732600-2. Replaced LH leading edge skin doubler pn 1232000-12. Replaced LH tip pn 0732613-3. Replaced LH abrasion boot pn S1938-3-68.00. Repaired LH elevator: Replaced spar pn 0734601-3. Replaced leading edge skin pn 0734600-5. Replaced lower trailing edge skin pn 0734600-9. Replaced upper trailing edge skin pn 0734600-4. Repaired LH aileron: Replaced spar channel pn 0523806. Replaced lower inboard skin pn 0523800-10. Replaced upper inboard skin pn 0523800-6. Replaced lower outboard skin pn 0523800-12. Replaced upper outboard skin pn 0523800-8. Repaired tail wheel landing gear: Inspected tail wheel spring assembly, reinstalled with new attach bushings pn (2) 0742180-2, anti-static washers

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pn (2) 0742179-1, and end cap pn 0742151-1. Disassembled, cleaned, and inspected tail wheel assembly. Reassembled tail wheel with new spring pn 0742177-1 and actuator latch pn 0742133-2C, lubricated as required. Cleaned and inspected tail wheel bearings and re-packed. Reinstalled tail wheel tire and fork assembly. Repaired LH & RH main gear: Reinstalled LH gear leg pn 0741001-7 sn 812486 and RH gear leg pn 0741001-8 sn 813021 after inspection from The Landing Gear Works WO# 2012-25. Reinstalled LH & RH main gear legs with new attach hardware. Replaced LH & RH gear leg seals pn 0713018-3. Cleaned and inspected LH & RH wheel assembly and bearings. Re-packed LH & RH wheel bearings. Replaced LH main tire pn 856C61-3, Goodyear 8.50x6. Performed main gear alignment. Replaced LH gear brake line pn 0700147-66 and hose pn S2178-3-0074. Bled brake system. Performed operational check. Repainted repairs as required: Repainted forward fuselage, LH wing, LH aileron, horizontal stabilizer, LH & RH elevators, LH & RH main gear legs, firewall, engine baffles, LH & RH interior door post, and jambs. Repainted with: Fuselage and wings Nason White # CG1384IB, Yellow # CG1385IB, Firewall Nason Gray # CG1386IB, interior Nason Mustard # CG1394 and Beige # CG1393. Modified aircraft: Installed P. Ponk Aviation STC # SA2918NM sn 4478, LH & RH gear leg attach blocks pn (2) PSK-1100. Installed new attach bolts pn (12) AN5-15A and pn (2) AN7-31A. Torqued as required. See FAA 337 Form dated 08-01-2012. Installed Air Research Technology, Inc. STC # SA00276NY Model # R1582-1 sn 5033 LH & RH wing extension and spar strap reinforcement. See FAA 337 Form dated 08-01-2012. Installed R.M.D. Aircraft Lightning, Inc. STC # SA4337NM, LH & RH wing tips with landing/recognition lights. See FAA 337 Form dated 08-01-2012. Installed Whelen FAA/PMA LED bulbs pn 01-0771424-20. Installed Micro Aero Dynamics, Inc. STC # SA01646SE vortex generators to LH & RH wings, horizontal stabilizer, and vertical fin. See FAA 337 Form dated 08-01-2012. Installed Alpin Aircraft, Inc. STC # SA777NE by installation of Cessna louvers and

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stiffeners pn 1213309-1, 1213309-2, 1213310-1, and 1213310-2 to LH & RH sides of lower cowling. See FAA 337 Form dated 08-01-2012. Installed Sea Planes West, Inc. STC # SA01573NY heavy engine mount Model # 4804 sn 2402. See FAA 337 Form dated 08-01-201. Installed Oregon Aircraft Design, LLC STC # SA00496SE engine mount heat shield kit pn DR185 in. See FAA 337 Form dated 08-01-2012. Installed Seaton Engineering Corp STC # SA01861SE, landing light controller switch. See FAA 337 Form dated 08-01-2012. Installed Parker Hannifin Aircraft Wheel and Brake Division STC # SA63GL by installation of heavy 6 bolt Cleveland Wheels and Brake kit pn 199-62A. See FAA 337 Form dated 08-01-2012. Installed Kenmore Air STC # SA361NW by installation of 8.50 x 6 tires. See FAA 337 form dated 08-01-2012. Installed True Lock LLC STC # SA00780SE by installation of LH & RH main gear axle retension nut system. See FAA 337 Form dated 08-01-2012. Performed painted static balance check. Results: LH aileron: +5.70 inch lbs. Range is 0.00 to +6.10 inch lbs. LH elevator: +15.20 inch lbs. Range is 0.00 to +22.00 inch lbs. RH elevator: +19.30 inch lbs. Range is 0.00 to +22.00 inch lbs. Reassembled aircraft: Reinstalled LH & RH wings and wing struts. Torqued and saftied bolts as required. Routed and reconnected all ducting, plumbing, and electrical. Reinstalled LH flap and LH aileron. Rigged flap and aileron system, travels and tensions. Performed operational check. Reinstalled horizontal stabilizer and vertical fin with new attach bolts. Reinstalled LH & RH elevators and rudder. Rigged elevator and rudder system, travels and tensions. Performed operational check. Rigged stabilizer trim system, travels and tensions. Performed operational check. Reinstalled LH & RH cabin doors and interior as required. Installed factory rebuilt Continental Motors, Inc. IO-550-D sn 1006685. In accordance with P. Ponk Aviation STC # SA00344WI installed tachometer pn RT-7 sn 1548713-W and manifold pressure/fuel flow gauge pn G331H35 sn 141001. Installed new engine mounts pn (2) J15198-1 and (2) pn J15198-2. Torqued and saftied as required. Installed Acorn Welding

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LTD STC # SA00780NY flame cone less muffler pn C1851D, see FAA 337 Form dated 08-01-2012. Repaired and repainted baffles. Replaced oil cooler baffles pn AF0755050-9 and FA0755002-90. Installed new fuel, oil, and map hoses: main fuel supply pn 111F417-GS0244, fuel transducer to flow divider pn 111F417-4S0040, fuel vapor return pn 124F001-4CR0180, oil psi pn 124F001-3CR0234, oil drain pn 111F417-6S0130, and M.A.P. pn 193F000-2D0160. Replaced induction tube heat shield pn 0750143-1. Installed new bracket air filter element p BA8103-1. Replaced Mil-H-6000 hose and scat tube ducting. Routed and reconnected electrical and lines. Replaced air oil separator syphon pump pn W-2031. Rigged throttle, mixture, and propeller controls stop to stop. Performed operational check. Serviced engine with new champion oil filter pn CH48109-1 and Aeroshell 100W mineral oil and pre-oiled. Gapped and installed new champion spark plugs pn RHB-32E. Installed overhauled Kelly Aerospace alternator Model # D0FF10300BR sn K0320019 and alternator belt pn 53947-31.19. Installed new vacuum pump Model # RAP 216CW sn B26068. Reinstalled McCauley propeller governor Model # C290D3D/T9 sn 782698 after overhaul from Redline Aviation CRS# R62R296Y WO#897. Test run and checked for leaks. Adjusted oil pressure, fuel flows, and pressures. Adjusted governor RPM. All systems, temperatures, RPM's, and pressures normal. Installed new McCauley propeller Model # D3A34C401-C/H90DFA-4 sn 120239. Torqued as required. Installed in accordance with P. Ponk Aviation STC # SA00344WI. See FAA 337 Form dated 08-01-2012. Weighed aircraft empty: New empty weight: 1983 lbs. New empty C.G.: 38.96. New empty moment: 77257.35. New max gross take off weight: 3525 lbs. New useful load: 1542 lbs. See weight and balance sheet dated 08-01-2012. Performed annual inspection: Generated FAA 337 Form for previously installed ELT by unknown person ME406 ELT pn 453-6603 sn 197-08331 TSO C91A. See FAA 337 Form dated 08-01-2012. Performed operational check to

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DATE 19__	TOTAL TIME IN SERVICE	
	HOURS	10ths

ELT per FAR 91.207 Paragraph D, battery replacement due 02/2017. Replaced RH horizontal stabilizer tip pn 0732613-3-791. Replaced aft horizontal stabilizer bushings and spacers pn's 0732101-7 and 0760679-2. Obtained replacement airworthiness certificate with registration N185GS. Disassembled, cleaned, inspected, resealed, and reassembled fuel strainer. Replaced RH fuel sender pn MC0726110-1 and gasket pn S1588-1. Performed fuel quantity indicator check. Installed fuel selector placard pn 0705019-6. Complied with AD # 84-10-01R1 dated 07-05-1988 per Paragraph B, 1-3, no leaks present at this time. Complied with AD # 86-19-11 dated 10-04-1986 per Paragraph B, installed Appendix 86-18-11 into Pilot Operating Handbook Supplement Manual pre flight inspection. Complied with AD # 86-24-07 dated 01-07-1987, by installation of large area washers to engine controls. AD# 98-16-04 dated 09-21-1998 not applicable, angle installed with STC kit # SA00276NY. Complied with AD # 2000-06-01 dated 05-05-2000, per Paragraph A through B and SEB 97-9. Complied with AD # 2011-10-09 dated 06-17-2011, by inspection of seat rails and holes, seat pins and rollers. Updated aircraft AD List through July 18, 2012. Generated FAA 337 Form for installation of A.R.T. STC # SA00276NY Flight/operating Manual Supplement dated 05-13-1996. See FAA 337 Form dated 08-13-2012.

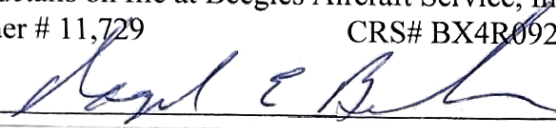
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"I certify this aircraft, engine, and propeller has been inspected in accordance with scope and detail of annual inspection in accordance with FAR 43, Appendix D".

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

Pertinent details on file at Beegles Aircraft Service, Inc., Greeley, CO.
Work Order # 11,729 CRS# BX4R092M

Signed



MAINTENANCE RECORD

DATE 19__	TOTAL TIME IN SERVICE		DESCRIPTION OF THE WORK PERFORMED	AUTHORIZED SIGNATURE, CERTIFICATE TYPE & NUMBER
	HOURS	10ths		
			<p style="text-align: center;">Aircraft Logbook Entry Aircraft TT <u>1538.10</u></p> <p>Tail Number <u>N185GS</u> This Aircraft Pilot/Static system has inspected and tested in accordance with FAR part 43 Appendix E, and have been found to comply with FAR 91.411</p> <p>Leak Rate <u>60</u> ft/min.Tolerance <u>100</u> ft/min Pilot Heater Test <u>Good</u> General Condition <u>Good</u> Debris, Moisture, Obstructions <u>None</u></p> <p>This Aircraft's Altimeter and Altitude Reporting Equipment have been inspected and tested accordance with FAR 43 appendix E, and F, and have been found to comply with FAR 91.411</p> <p>Pilots Alt P/N <u>59347A-1</u> S/N <u>3A240</u> Tested to <u>18,000</u> ft. altitude CoPilots Alt P/N <u> </u> S/N <u> </u> Tested to <u> </u> ft. altitude Alt. Encoder P/N <u>SSP120-30N</u> S/N <u>N14205</u> Tested to <u>18,000</u> ft. altitude</p> <p>This Aircraft's ATC Transponder system has been inspected and tested in accordance with FAR 43 appendix F and have been found to comply with FAR 91.413 Transponder #1 <u>GTX 330</u> P/N <u>011-00455-00</u> S/N <u>84141930</u></p> <p>The Aircraft, component, or appliance identified above was repaired and/or inspected in accordance with current Federal Aviation Administration Regulations and is hereby approved for return to service.</p> <p>Tested By <u>[Signature]</u> Cert <u>Y5AR767X</u> Date <u>8/23/12</u> A.R.T. Integration Services, Inc. #Y5AR767X 13355 Piper Lane Peyton, CO 80831 (970) 373-3295</p>	

MAINTENANCE RECORD

DATE	TOTAL TIME IN SERVICE		DESCRIPTION OF THE WORK PERFORMED	AUTHORIZED SIGNATURE, CERTIFICATE TYPE & NUMBER
	HOURS	10ths		
19__			<p>8/23/12 Replaced faulty VSI PN 7000 with same P/N S/N H3250. System ops check good. See previous log entry.</p> <p style="text-align: center;"><i>M. C. ...</i> A 2732175</p>	

MAINTENANCE RELEASE
 Component identified on the
 accordance with current FAA
 return to service. Pertinent
 er

51131
 8.16.12

P.O.
 Signature

INSTRUMENTS, INC.
 217 - U.S.A.
 933

DATE	TOTAL TIME IN SERVICE
	HOURS
19__	



GREELEY, CO
 REPAIR STATION BX4R092M
 (970) 353-9200

08-22-2012 Tach 1.70 N185GS sn 18503646

Replaced voltage regulator pn C611004-0102. Replaced placard pn 0716113-4.

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

Except as stated above, no other work, inspection, corrective action or determination of airworthiness has been completed at this time, limited to work performed.

Pertinent details on file at Beegles Aircraft Service, Inc., Greeley, CO.
 Work Order # 11,729 CRS# BX4R092M

Signed *[Signature]*

AUTHORIZED SIGNATURE,
 CERTIFICATE TYPE
 & NUMBER



MAINTENANCE RECORD

DATE 19__	TOTAL T IN SERV HOURS	Date <i>8/24/2012</i>	Tach <i>2.6</i>	N <i>18565</i>	AUTHORIZED SIGNATURE, CERTIFICATE TYPE & NUMBER
		Performed operational test flight in accordance with FAR 91.407 Paragraph (b).			
		Signed <i>[Signature]</i> ASEL 3181624			

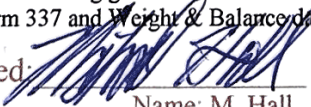
MAINTENANCE RECORD

DATE <i>2013</i> <u>19__</u>	TOTAL TIME IN SERVICE		DESCRIPTION OF THE WORK PERFORMED	AUTHORIZED SIGNATURE, CERTIFICATE TYPE & NUMBER
	HOURS	10ths		
<i>8-30-13</i>	<i>1632.</i>	<i>49</i>	<i>I CERTIFY THIS AIRFRAME HAS BEEN INSPECTED IN ACCORDANCE WITH 100 HR INSPECTION PER CESSNA SERVICE MANUAL AND WAS DETERMINED TO BE IN AN AIRWORTHY CONDITION, TACH 94.39</i>	<i>[Signature]</i> <i>456293138AP</i>
September 1, 2013 N185GS SN: 18503646 Tach: 94.39 AFTT: 1632.49 Complied with an annual inspection per the Cessna service manual. I certify that this aircraft has been inspected in accordance with an Annual inspection and was determined to be in airworthy condition.				
<i>[Signature]</i> Patrick C. Atkinson A&P1930873 I.A.				


MAINTENANCE RECORD

DATE	TOTAL TIME IN SERVICE		DESCRIPTION OF THE WORK PERFORMED	AUTHORIZED SIGNATURE, CERTIFICATE TYPE & NUMBER
	HOURS	10ths		
9			11-01-15 N185GS Tach: 198.7 Total Airframe Time: 1736.8 Performed 100 hour inspection I/A/W manufactures service manual & approved 100 hour checklist. Replaced avionics and vacuum and intake air filters. Packed all wheel bearings. I certify that this aircraft has been inspected in accordance with a 100 hour inspection and was found to be in airworthy condition.  John C. Campbell 456294138 A&P	
			11-01-15 N185GS Tach: 198.7 Total Engine Time: 198.7 Performed Annual Inspection in accordance with manufactures service manual. Checked all AD's current. This aircraft has been inspected with an Annual inspection and found to be airworthy at the time of inspection.  Pat Atkinson, A/P IA 1930873	

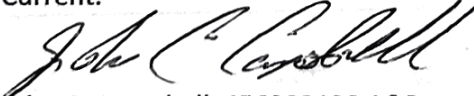
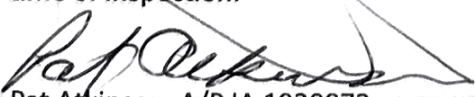
MAINTENANCE RECORD

DATE	TOTAL TIME IN SERVICE		DESCRIPTION OF THE WORK PERFORMED	AUTHORIZED SIGNATURE, CERTIFICATE TYPE & NUMBER
	HOURS	10ths		
19			N185GS Cessna A185F s/n 18503646 Removed main landing gear and tail wheel. Install Aerocet 3400 Amphibian Floats I/A/W STC SA01257SE. See FAA form 337 and Weight & Balance dated 02/14/2016. Signed:  Date: 02/14/2016 Rating: A&P3403474IA Name: M. Hall SSI W/O: 021874 Tach: 213.4 Southern Seaplane, Inc. * Belle Chasse, LA * Phone: (504) 394-5633	

MAINTENANCE RECORD

DATE	TOTAL TIME IN SERVICE		Aircraft Maintenance Record	AUTHORIZED SIGNATURE, CERTIFICATE TYPE & NUMBER
	HOURS	10ths		
19__			<p>Tail Number: N185GS Serial Number: 18503646 Work Order Number: 2213 Date: 02/19/2016</p> <p><u>Perform 91.411/91.413 Bi-Annual Checks:</u></p> <p>Performed tests required by 14CFR Part 91.413 in accordance with paragraph (c) Appendix E and Appendix F of 14CFR Part 43.</p> <p>Transponder (GTX-330) - P/N- 011-00455-00 S/N- 84141930</p> <p>Altimeter(s), Altitude Reporting equipment and Static system required by 14CFR Part 91.411 have been performed in accordance with 14CFR Part 43 Appendix E.</p> <p>Altimeter - P/N- 5934PA-1 S/N- 3A240</p> <p><u>Aerocet GC600 Gear Advisory Aural Warning Inop:</u></p> <p>Duplicated Customer's Squawk. Connected Aural Warning Wiring from the Aerocet GC600, Pin 18 to the PS Engineering PMA8000BT Audio Panel, Pin 29 (#3 Un-Switched/Un-Muted) Audio Port. Installation and Ground Checks Done I/A/W the Aerocet Service Manual # A-10037, Rev 02, Dated: 03/2011 and the PS Engineering PMA8000BT Installation Manual # 200-890-1722, Rev C, Dated: 01/2016. Ground Checks are Normal.</p> <p>The aircraft and/or component listed on this WO 2213 were repaired and inspected I/A/W current FAA Regulations and are approved for return to service.</p> <p>OutRight Avionics, LLC. 10078 Airport Road Conroe, TX 77303 CRS # 80AR732L</p> <p>SIGNED: </p>	

MAINTENANCE RECORD

DATE	TOTAL TIME IN SERVICE		Maintenance Record	AUTHORIZED SIGNATURE, CERTIFICATE TYPE & NUMBER
	HOURS	10ths		
12-01-2016	N185GS	Tach: 297:44 Airframe Total Time: 1835.54	<p>Performed 100 hour inspection I/A/W Cessna service manual and Aerocet service manual. Repacked wheel bearing, installed new brake pads on left main wheel. Performed retract test. Lubed all pulleys and hinges. Tested all control cable tensions. Installed new ACR Electronics, Inc. ELT battery. New replacement date is 6/2023. Installed new strobe in left tip. Replaced induction air filter. I certify that this airframe and Aerocet floats have been inspected in accordance with a 100 hour inspection and was determined to be in airworthy condition. All AD's Current.</p> <p> John C. Campbell 456293138 A&P</p>	
12-01-16	N185GS	Tach: 297.44 Airframe Total Time: 1835.54	<p>Performed Annual Inspection in accordance with manufactures service manual. Checked all AD's current. This aircraft has been inspected with an Annual Inspection and found to be airworthy at the time of inspection.</p> <p> Pat Atkinson, A/P IA 1930873</p>	

ACR ELECTRONICS, Inc.
Artes Products - CAGE Code 18560
Fort Lauderdale, FL 33312

LOG BOOK ENTRY
E.L.T. BATTERY
REPLACEMENT DATE 6-2023

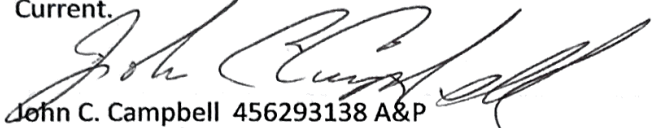

MAINTENANCE RECORD

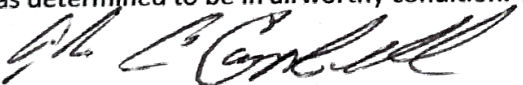

DATE 19__	TOTAL TIME IN SERVICE		DESCRIPTION OF THE WORK PERFORMED	AUTHORIZED SIGNATURE, CERTIFICATE TYPE & NUMBER
	HOURS	10ths		
02-01-2018			N185GS Tach: 335.38 Total Airframe Time: 1873.38	
<p>Performed 100 hour inspection on Airframe and Floats I/A/W Cessna and Aerocet service manual and approved 100 hour checklist. Complied with Cessna SB SEL-55-01. No cracks found. Due again in 5 years or 500 hours. I certify that this aircraft has been inspected in accordance with a 100 hour inspection and was found to be in airworthy condition.</p> <p><i>John C. Campbell</i> John C. Campbell 456294138 A & P</p>				
2-01-2018			N185GS Tach:335.38 Airframe Total Time: 1873:38	
<p>Performed Annual Inspection in accordance with manufactures service manual. Checked all Ad's and all are current. This aircraft has been inspected with an Annual Inspection and found to be airworthy.</p> <p><i>Pat Atkinson</i> Pat Atkinson A/P IA 1930873</p>				

MAINTENANCE RECORD

DATE 19__	TOTAL T IN SERV	N185GS	Cessna A185F	s/n 18503646	AUTHORIZED SIGNATURE, CERTIFICATE TYPE & NUMBER
	HOURS				
		<p>Removed Aerocet 3400 Amphibian Floats installed under STC SA01257SE. Installed main landing gear and tail wheel I/A/W Model 180 and 185 Cessna Service Manual. See FAA form 337 and Weight & Balance dated 03/02/2018</p> <p>Signed: <i>M. Brown</i> Date: 03/02/2018 Rating: <u>A&P3403474IA</u> Name: <u>M. Brown</u> SSI W/O: <u>022227</u> Tach: <u>338.35</u></p> <p align="center">Aircraft Maintenance Record</p> <p align="center">Tail Number: N185GS Serial Number: 18503646 Work Order Number: 2862 Date: 05/18/2018</p> <p><u>Perform 91.411/91.413 Bi-Annual Checks:</u></p> <p>Performed tests required by 14CFR Part 91.413 in accordance with paragraph (c) Appendix E and Appendix F of 14CFR Part 43.</p> <p>Transponder (GTX-330) - P/N- 011-00455-00 S/N- 84141930</p> <p>Altimeter(s), Altitude Reporting equipment and Static system required by 14CFR Part 91.411 have been performed in accordance with 14CFR Part 43 Appendix E.</p> <p>Altimeter - P/N- 5934PA-1 S/N- 3A240</p> <p>The aircraft and/or component listed on this WO 2862 were repaired and inspected I/A/W current FAA Regulations and are approved for return to service.</p> <p>Out:Right Avionics, LLC. 10078 Airport Road Conroe, TX 77303 CRS # 89AR732L</p> <p>SIGNED: <i>M. Brown</i></p>			

MAINTENANCE RECORD

DATE	T II					ED SIGNATURE IFICATE TYPE UMBER
19__	HO	05-01-2019	N185GS	Tach: 409.3	Airframe Total Time: 1947.3	
		Performed 100 hour inspection I/A/W Cessna service manual. Repacked wheel bearings, installed new bracket air filter pt. #BA8103-1, lubed all pulleys and hinges. Tested all control cable tensions. ELT battery good until 6-23. Installed new LED wing tip strobes and nav lights, removed original strobe power packs. I certify that this airframe has been inspected in accordance with a 100 hour inspection and was determined to be in airworthy condition. All AD's Current.				
		 John C. Campbell 456293138 A&P				
		5-1-2019	N185GS	Tach: 409.3	Airframe Total Time: 1947.38	
		Performed Annual Inspection I/A/W Cessna Service Manual Annual Inspection Checklist. Checked all AD's and all are current. This aircraft has been inspected with an Annual Inspection and found to be airworthy.				
		 Pat Atkinson A/P IA 1930873				

		06-01-2020	N185GS	Tach: 433.9	Airframe Total Time: 1971.9	
		Performed 100 hour inspection I/A/W Cessna service manual. Repacked wheel bearings, installed two new Goodyear 8.50x6 tires and tubes, installed new brake pads, installed new bracket air filter pt. #BA8103-1, lubed all pulleys and hinges. Tested all control cable tensions. ELT battery good until 6-23. I certify that this airframe has been inspected in accordance with a 100 hour inspection completed and was determined to be in airworthy condition. All AD's current and complied with.				
		 John C. Campbell 456293138 A&P				
		06-01-2020	N185GS	Tach: 433.9	Airframe Total time: 1971.9	
		Performed Annual inspection I/A/W Cessna Service Manual Annual inspection checklist. Checked all AD's and are all complied with and current. This aircraft has been inspected with an Annual Inspection and found to be in airworthy condition				
		 Pat Atkinson A/P IA 1930873				

IRIZED SIGNATURE,
RTIFICATE TYPE
& NUMBER

02 Aug 2021

HUNTSVILLE AVIATION

2043.2 Total Time

MAINTENANCE RECORD

DATE	TOTAL IN SER	HOURS	<p>I certify that this aircraft has been inspected in accordance with an Annual inspection and was determined to be in airworthy condition. Complied with AD# 20-21-22 and Cessna Single Engine Service Letter SEL-55-01 by inspecting as per instructions. No cracks or corrosion present. Replaced both stabilizer hinge pivot bolts. Replaced cooling air duct to elect. Fuel pump. Complied with AD# 11-10-09 seat and rail inspection. Replaced one thrust washer and one friction washer in tail wheel steering pivot assembly. Cleaned and lubed locking tail wheel cable and mechanism and replaced turnbuckle and spring. Rigged for proper engagement and clearance. Complied with AD# 84-10-01 fuel filler opening inspection. Replaced battery box door latch striker plate. Replaced air filter element BA8103-1.</p> <p style="text-align: right;"><i>Wade Gillaspie</i> Wade Gillaspie A&P4531340351A</p>	<p>AUTHORIZED SIGNATURE, CERTIFICATE TYPE & NUMBER</p>
12 Aug 2022			<p>HUNTSVILLE AVIATION 2054.0 Total Time</p> <p>I certify that this aircraft has been inspected in accordance with an Annual inspection and was determined to be in airworthy condition. Complied with FAR 91.207D ELT inspection/test. Secured electrical wires near battery box area. Complied with AD# 11-10-09 seat and rail inspection. Complied with AD# 84-10-01 fuel filler opening inspection. Replaced air filter element BA8103-1. Removed 8.50 X 6 wheels and tires and installed ABI1010 wheels with Air Hawk 29 X 11 X 10 4Ply tires in accordance with STC no. SA01765SE. Updated aircraft weight and balance / equipment list.</p> <p style="text-align: right;"><i>Wade Gillaspie</i> Wade Gillaspie A&P4531340351A</p>	

Return to Service for: 91.411/91.413 Bi-Annual Checks

Lone Star

Lone Star Aircraft Services
CRS # 2L5R804D
17485 FM 787 W
Cleveland, TX 77327



REMARKS

S. B. NUMBE

N-Number: N185GS
Aircraft: A185F
Serial #: 18503646
Work Order: 10052

Altimeter, Altitude Reporting Equipment and Static System required by 14CFR Part 91.411 have been performed in accordance with 14CFR Part 43 Appendix E.

Altimeter #1: GSU25D P/N: 011-02929-51 S/N: 5Q3000716
Altimeter #2: G5 P/N: 011-03809-00 S/N: 4JQ031121

Performed tests required by 14CFR Part 91.413 in accordance with paragraph (c) Appendix E and Appendix F of 14CFR Part 43.
Transponder #1: Garmin GTX 330 P/N: 011-00455-60 S/N: 84141930

The aircraft and/or components listed on this work order were repaired and inspected in accordance with current FAA regulations and are approved for return to service- limited only to the tests performed above.

Certified Repairman Signed: *Wade Gillaspie*

Date: 05/11/2022

AIRFRAME

N185GS
8/15/2022

Model A185F
Tach 516.8

S/N 18503646
ACTT 2054.4

Removed GSA 28 Pitch Servo P/N011-02927-11 S/N 5G9003481 and installed P/N 011-02927-21 S/N 6N2003723 IAW existing STC# SA01866WI Manual #190-02291-22. Removed GTN 750 S/N 1ZA000325 to be sent off to Garmin for repair. Installed GTN750 S/N1ZA000325 IAW existing STC#SA02019SE .Ground and Flight tests completed.Removed Pitch Servo bridle cable due to damaged cable. Installed Garmin P/N 233-20107-00 cable IAW existing STC# SA01866WI Manual #190-02291 77 T completion. Details on file at this station under Work Order #

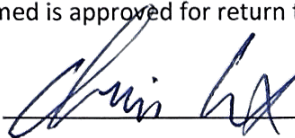
DATE: 09/11/2023 ACFT: N185GS S/N: 18503646 ATT: 2067.2

1. Complied with 100 hour/annual inspection IAW Cessna Model 185 Service Manual. Researched AD's. Cleaned and packed wheel bearings.
2. Rigged all flight control cables. Ops check good.
3. Complied with AD 84-10-01 R1 and AD 2011-10-09 with no defects noted.
4. Removed and installed ELT Battery P/N 452-6499 S/N 1002384-042 with expiration date of SEP/2030.
5. Removed and installed new main battery P/N RG24-11 S/N 41305077.
6. Removed and reinstalled Engine Model IO-550-D S/N 1006685. Ops and leak check good.
7. Removed and Installed new Propeller Model D3A34C401/90DFA-4 P/N P4014808-08 S/N 221026. Ops and leak Check good.
8. For complete details of structural repairs performed, see R & C Aviation work order 2104.

For details see R & C Aviation Work Orders # 2104 & 2135

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

I certify that this aircraft has been repaired and inspected IAW current regulations of the FAA and with respect to the work performed is approved for return to service.



Chris Cox For:
R&C Aviation
CRS# R38R898Y

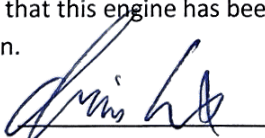
R & C Aviation INC CRS# R38R898Y

DATE: 09/06/2023 Model IO550-D S/N: 1006685 TTSO: 529.9

1. Removed and reinstalled engine on Cessna 185F N185GS S/N 18503646.
2. Performed Annual/100 Hour Inspection with no defects noted at this time.
3. Serviced with Aeroshell W100 oil.

See R&C Aviation Work Order 2104 & 2135 For Details.

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



Chris Cox For: R&C Aviation CRS# R38R898Y

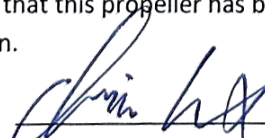
R & C Aviation INC CRS# R38R898Y

DATE: 09/06/2023 Model D3A34C401-C S/N 221026 TTSO: 0.00

1. Removed and Installed propeller Model D3A34C401/90DFA-4 P/N P4014808-08 S/N 221026 on engine Model IO-550-D S/N 1006685.
2. Performed Annual/100 Hour Inspection with no defects noted at this time.

See R&C Aviation Work Order 2104 & 2135 For Details.

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



Chris Cox For: R&C Aviation CRS# R38R898Y