

BOOK 7

Cessna®



AIRCRAFT LOG AND MAINTENANCE RECORD

N N5446G

SERIAL NO.

340A0685

Cessna®

AIRCRAFT LOG AND MAINTENANCE RECORD

Record of	<u>CESSNA</u> <small>Make</small>	<u>340A</u> <small>Model</small>	<u>340A0685</u> <small>Serial</small>	<u>N5446G</u> <small>Certificate</small>
With Engine	<u>TCM</u> <small>Make</small>	<u>TS10-520-NB</u> <small>Model</small>	<u>L-514727</u> <small>Serial</small>	<u>R-514755</u>
From		19	to	19
Detailing Time From		Hours	To	Hours
Owner	_____			
Address	_____			

AIRCRAFT LOG

DATE	FLIGHT FROM	TO	NATURE OF FLIGHT	DURATION OF FLIGHT	ACCUMULATED TOTAL FLYING TIME		SIGNATURE OF PILOT
					HOURS	10THS	
18							
Install and/or removed Avionic Components AS per FAA Form 337 New Empty Weight New Empty Weight Signed by <i>William C. Spauld</i> JOLIET AVIONICS, INC. DuPage County Airport West Chicago, Illinois 60185 FAA Approved Repair Station #3159				STATIC SYSTEM TESTED THIS DATE IN ACCORDANCE WITH F.A.R. 91.170, AND PART 43, APPENDIX A AS REQUIRED.		5/11/79	
				JOLIET AVIONICS, INC. F. A. R. REPAIR STATION #3159		SIGNATURE: <i>William C. Spauld</i>	
5/11/79	Flight	Check	Conducted this date in accordance with FAR 91.167. Installed King KVS-80 VOR/LOC/CS/DME/RNAV indicator using a Edco EDI-832A indicator in this position of NAV system. KVS-80 IFR certified and aircraft placarded. See Form 337 this date.				
				JOLIET AVIONICS, INC. FAA REPAIR STATION #3159 CLASS III		SIGNATURE: <i>William C. Spauld</i> Alternate Inspector	

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	
5/11/79					Removed sensitive altimeter and installed King KFA-126 5 pin 10801 encoder with a test date of 5/10/79 to 35,000 ft. Encoder and King PT-76A 5 pin 14055 transponder checked with FFR ATC-600 Test Set in accordance with Part 43 appendix "F" for compliance with FAR 91.177 and FAR 91.36. See Form 337 this date.
					JOLIET AVIONICS, INC. FAA REPAIR STATION #3159 CLASS III SIGNATURE: <i>William C. Spauld</i> Alternate Inspector
13 May 79					Installed new SATIS system left base TAD 30.7 AM. Pen gear retraction block. (Calulo. New #1034/006)

AIRCRAFT LOG

DATE	FLIGHT FROM	TO	NATURE OF FLIGHT	DURATION OF FLIGHT	ACCUMULATED TOTAL FLYING TIME		SIGNATURE OF PILOT
					HOURS	10THS	
18	Repaired	R/H Cowl	Flap Control	Handled			
	Replaced	L/H Aux	TANK drain	Reguled			L/H wing deice
	Boot	Installed	New Fuel Flow	GUAGE	SN	C 603787	
TYNING AIRCRAFT CO. TACK #140889 FAA APPROVED REPAIR STATION #3923 <i>Arnold R. Jones</i> WO 5042 TACK 30.7 DATE 8 28 79							
JMI KJMOVA FLD REPAIR STATION 3015 CLASS III SIGNATURE							

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AIRCRAFT LOG

VOR Receiver operation checked in accordance with FAR 91.25				DATE	REMARKS
Date	Bearing error	Place	Signature		
	VOR 1 VOR 2			19	
9/12/79					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.
					INSTALLED BONZER MARK 10X RADAR ALTIMETER THIS DATE. THIS EQUIPMENT WAS INSTALLED ACCORDING TO THE MANUFACTURES INSTALLATION INSTRUCTIONS AND PERTINENT PARTS OF AC 43-13 PARTS 1+2. THE AIRCRAFT PAPERS HAVE BEEN AMENDED AND CORRECTED FOR NEW WEIGHT AND BALANCE. SEE AEROTRONICS INC II SUPPLEMENT THIS DATE.
					<i>[Signature]</i> 1928369 AEROTRONICS, INC. II Great Falls Int'l. Airport (Ph. 452-0081) R. R. 4 Box 242B Great Falls, Montana 59405 F.A.A. Station S107A

AIRCRAFT LOG

DATE	FLIGHT FROM	TO	NATURE OF FLIGHT	DURATION OF FLIGHT	ACCUMULATED TOTAL FLYING TIME		SIGNATURE OF PILOT
					HOURS	10THS	
19							
25.5.79	Inspection	Completed this date.	Composed All the inspection plates: Propeller, Cables, Adapters, Lites, Baffles, Tires, Battery, Fuel Flow Gauge, new Copilot's Archival, Horizon, Fuel Gauge, Potentiometer, Compass, Compass bearing gear, Tighten the fuel line, Clamps in light New Thrust, Checked fuel filters & screens, Checked Heater Filter & Plug - Checked Tire Bots. I certify that this Airframe has been inspected in accordance with A.P.O. 195.8 hr. & was determined to be in Airworthy condition. The total time 101 hr. 10 min. 6 (New) 8 (15) hrs.				
11-8-79	DUAL VOR CHECK @ HELENA,		3° ERROR.				James B. ...
14 Nov 79	Inspection	Completed this date.	Composed All the inspection plates: Propeller, Cables, Adapters, Lites, Baffles, Tires, Battery, Fuel Flow Gauge, new Copilot's Archival, Horizon, Fuel Gauge, Potentiometer, Compass, Compass bearing gear, Tighten the fuel line, Clamps in light New Thrust, Checked fuel filters & screens, Checked Heater Filter & Plug - Checked Tire Bots. I certify that this Airframe has been inspected in accordance with A.P.O. 195.8 hr. & was determined to be in Airworthy condition. The total time 195.8 hr.				Ed ...

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	
					14 Nov 79 Installed new B.L.T., BATT Re-Adjustment due (Dec 80)
					11-26-79 DUAL VOR CHECK, HELENA, MT. 3° ERROR James B. ...
					12-1-79 DUAL VOR CHECK, HELENA, MT. 2° ERROR James B. ...
					11 Dec 79 Installed new Thrust Cable left leg, New Radio bearing and installed, Replaced Copilot's Archival, Horizon - T.M. 215.8 hr.
					12-12-79 VOR CHECKED BY VOT @ GEG. 2° ERROR #1 NAV #2 OK James B. ...
					19 Dec 79 Installed new left Thrust Cable T.M. 233 hr. Ed ...
					27 Dec 79 Richard H fuel transfer pump
					Tech: Total flying 239.3 hr
					Steve Jones 2141344 TA
					1-11-79 DUAL VOR CHECK @ HLN. 2° ERROR. James B. ...

AIRCRAFT LOG

DATE	FLIGHT FROM	TO	NATURE OF FLIGHT	DURATION OF FLIGHT	ACCUMULATED TOTAL FLYING TIME		SIGNATURE OF PILOT
					HOURS	10THS	
19							
4-1-80	Inspection completed this date. Rechecked all engine parts checked valves, fuelys, lites, brakes, battery, etc. Run gear & brake & brakes. Checked out flow PT out board Aug. 10. Inspected out side Air Temp Gauge. Also checked 79-44 Horizontal Stop Temp. 40/mi. 79-43 out flow & safety valve. Checked fuel sumps & fuel screens, checked heater plug. I certify that this Airframe has been inspected in accordance with A100 Airframe Inspection & was determined to be in Airworthy condition. Total Time 267.5 Col. L. G. Allen A11340061						
2-11-80	DUAL VOR CHECK, HEN AIRPORT, 3° ERROR, James G. Rice						
2-20-80	DUAL VOR CK, HEN AIRPORT, 3° ERROR, James G. Rice						
3-10-80	DUAL VOR CK, HEN AIRPORT, 3° ERROR, James G. Rice						

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AIRCRAFT LOG

VOR Receiver operation checked in accordance with FAR 91.25				DATE	REMARKS
Date	Bearing error	Place	Signature		
	VOR 1 VOR 2			10	
13 MAR 80					Replaced upper two cables. Inspected heater plug - T.C. 2130 Hr. Col. L. G. Allen A11340061
21 MAR 80					Inspected two main gear tires, checked wheel brakes & inspection new brake blocks, checked out flow valves. T.C. 337.3 Hr. Col. L. G. Allen A11340061
4-2-80					DUAL VOR CHECK @ HEN APT. 3° ERROR James G. Rice
4-22-80					DUAL VOR CHECK @ HEN APT. 3° ERROR, James G. Rice
29 APR 80					Inspection completed this date. Rechecked all engine parts checked valves, fuelys, lites, brakes, battery, tires, landing & gearbox fuel sumps & screens. Run gear & brakes. Checked both, checked out flow valves, checked heater plug. Also checked T.C. 716.0 Hr. By rotating alternators. I certify that this Airframe has been inspected in accordance with Airframe Inspection & was determined to be in Airworthy condition. Total Time 716.0 Hr. Col. L. G. Allen A11340061

AIRCRAFT LOG

ELT BATT DUE DEC 80

VOR Receiver operation checked in accordance with FAR 91.25			DATE	REMARKS
Date	Bearing error	Place		
8-13-80	DUAL VOR	CK @ HLN	2° ERROR	James G. Bee
20 AUG 80	HOBBS TIME: 465 HRS	CHECKED: CONTROLS, CABLES, PULLEYS, WING + TAIL ATTACHMENTS LITES, PITOT HEAT/VENT HEAT, STALL WARNING, BRAKES, TIRES, BATTERY, LUBED GEAR + CHECKED GEAR RETRACTION, CLEANED FUEL SCREENS + DRAINED SUMPS, CHECKED ELT. BATTERY DUE FOR REPLACEMENT DEC 80. INSTALLED NEW PRESSURE SEAL AT NOSE GEAR RETRACTION ROD. ESTIMATED 230 HRS OF HEATER OPERATION BY PILOT, INSTALLED HEATER HOBBS METER READING 600.0 HRS. I CERTIFY THAT THIS AIRFRAME HAS BEEN INSPECTED IAW. A 100 HR INSPECTION AND WAS DETERMINED TO BE IN AN AIRWORTHY CONDITION A/P 2184520		
8-26-80	DUAL VOR	CK @ HLN	2° ERROR	James G. Bee
9 SEP 80	HOBBS: 474.7 HRS	REMOVED FLIGHT DIRECTOR HORIZON PILOTS SIDE SN. 1-16038 AND INSTALLED SN 1-2727F, SEE MAINTENANCE RELEASE DATED 8/22/80 INSTALLED NEW W/B HEAT CONTROLLER A/P 2184520		
9-11-80	DUAL VOR	CK @ HLN	2° ERROR	James G. Bee

AIRCRAFT LOG

DATE	FLIGHT FROM	TO	NATURE OF FLIGHT	DURATION OF FLIGHT	ACCUMULATED TOTAL FLYING TIME		SIGNATURE OF PILOT
					HOURS	10THS	
15 Sept 80	Installed Factory of H	T/B Ser # 5025	TRK 475.6 HR.				Steve Jones A/P 2141344
17 Sept 80	Complied with AD 80-18-17 Part A, (2) ME 79.44 PCW. Also complied with AD 80-19-17 part A; no cracks found due at 489 hrs.						Steve Jones 2141344
22 Sept 80	Complied with AD 80-19-17 due at 502						Steve Jones 2141344
29 Sept 80	Due AD 80-19-17 by inspection TRK 492.5 HR.						Steve Jones A/P 2141344

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 19__	REMARKS <small>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.</small>
Date	Bearing error	Place	Signature		
15 Dec 80	1°	AD 80-19-17	W. M. G. [Signature]	17	Visual Temp. Error TAC 587.0 Alt. Temp. Due 597.0
16 Dec 80	0	Dum VOR CK @ HEN	James Rice		Alt. Temp. Due 597.0
23 Dec 80		Visual Temp. Error TAC 587.0 Alt. Temp. Due 597.0			Alt. Temp. Due 597.0
26 Dec 80		VOR CK @ HEN - 1° Error	James Rice		
6 Jan 81		VOR CK @ HEN 2° Error #2 VOR	James Rice		
6 Jan 81		Visual Temp. Error TAC 619.0 Alt. Temp. Due AT 629.0			Alt. Temp. Due AT 629.0
12 Jan 81		Visual Temp. Error TAC 628.5 Alt. Temp. Due AT 638.5			Alt. Temp. Due AT 638.5
22 Jan 81		Visual Temp. Error TAC 651.0 Alt. Temp. Due AT 661.0			Alt. Temp. Due AT 661.0
2 Feb 81		Visual Temp. Error TAC 651.0 Alt. Temp. Due AT 661.0			Alt. Temp. Due AT 661.0

AIRCRAFT LOG

DATE	FLIGHT FROM	TO	NATURE OF FLIGHT	DURATION OF FLIGHT	ACCUMULATED TOTAL FLYING TIME		SIGNATURE OF PILOT
					HOURS	10ths	
27 Apr 81			Inspection Completion. This check, performed in accordance with FAR 91.409, includes: Landing gear, fuel system, engine, propeller, pitot-static system, battery, lights, tires, brakes, landing gear, etc. All items checked and found satisfactory. No work required. Alt. Temp. Due AT 747.5				
							VOID
16 Aug 82			Replaced Right Main Tire and Rechecked Wheel				[Signature]
							ATP 516703968

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AIRCRAFT LOG

DATE	FLIGHT FROM	TO	NATURE OF FLIGHT	DURATION OF FLIGHT	ACCUMULATED TOTAL FLYING TIME		SIGNATURE OF PILOT
					HOURS	10THS	
19 (Cont)	with Air Authority inspection & FAA's determination to be in Airworthy condition. The total time 737.5 hr.						
12/27/81	C/W AD 81-7-11	Flow system operation.	The 748.5 hr. next due at 758.5 hr.				
18 May 81	C/W AD 81-7-11	Flow inspection	The 761.0 hr. next due at 771.0 hr.				
28 May 81	C/W AD 81-7-11	Flow insp	The 772 hr. next due at 782 hr.				
10 June 81	C/W AD 81-7-11	Flow insp	The 790.2 hr. next due at 800.2 hr.				
26 June 81	C/W AD 81-7-11	Flow insp	The 813.1 hr. next due at 823.1 hr.				

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AIRCRAFT LOG

VOR Receiver operation checked in accordance with FAR 91.25				DATE	REMARKS
Date	Bearing error	Place	Signature		
	VOR 1	VOR 2		19	
July 9					Completed with AD 81-7-11 inspection. Then again at 828.8 hr. Total 818.8 hrs. Span from 8141344 HSP
14 July 81					C/W AD 81-7-11 Flow insp. The 838.1 hr. next due at 838.1 hr. Check class #1344841
27 July 81					Installation of new Prop Control setting. Installation new Brake Bands, Crosson Landing gear, Blew out flow valves, etc. Total. AD 81-15 First Class Part #643113 81-15-15. The 841 hr. Check class #1344841
					Also C/W AD 81-7-11 Flow insp. next due at The 857 hr. Check class #1344841

AIRCRAFT LOG

DATE	FLIGHT FROM	TO	NATURE OF FLIGHT	DURATION OF FLIGHT	ACCUMULATED TOTAL FLYING TIME		SIGNATURE OF PILOT
					HOURS	10THS	
27 OCT 81	Waco	Waco	Waco				
1 NOV 81	I HAVE INSPECTED THIS A/C THIS DATE AND HAVE FOUND IT AIRWORTHY FOR DAY VFR FLIGHT (PERIODIC MINIMUM CHECK FROM BOZEMAN MONTANA TO WACO TX (AGT)) [Signature] / 11/1/81 APT 1986844						

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AIRCRAFT LOG

VOR Receiver operation checked in accordance with FAR 91.25			DATE	REMARKS
Date	Bearing error	Place	Signature	19
	VOR 1	VOR 2		

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.

Airframe Total Time: 950.0
 Hour Meter: 950.0
 Date: 12/1/81



CESSNA 340A-0685 N5446G

Waco-Madison Cooper Airport
 Above referenced aircraft modified per STC SA4241SW. Installed RAM remanufactured engines &artzell Q-tip propellers. See 337 dated 11/23/81. Installed Symbolic Displays Fuel Flow SA System per STC SA28448W. Pressurized type magnetos installed per STC SE2831SW. See 337. Installed Alcor EGT gage p/n 205-19B. Installed red silicone impregnated fiberglass baffle material on each engine. See 337. C/W AD's 75-23-08, 78-06-01, 79-05-09, 76-02-07. See engine log. Replaced both EGT probes. Installed remarked tachometer, manifold pressure, & airspeed indicator per STC requirements. Type II Synchrophase System installed per STC SA20GL. See 337. Aircraft approved for return to service for engine run-in procedures & modifications performed. Pertinent details on file under work order #4245.

Randal Schoeper

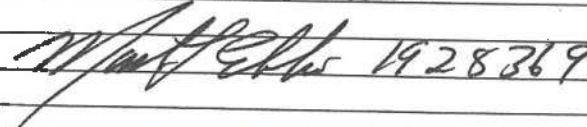
RAM AIRCRAFT MODIFICATIONS, INC., WACO, TX. 76708
 Certified Repair Station 202-76
 Certified Repair Station 202-76

AIRCRAFT LOG

DATE	FLIGHT FROM	TO	NATURE OF FLIGHT	DURATION OF FLIGHT	ACCUMULATED TOTAL FLYING TIME		SIGNATURE OF PILOT
					HOURS	10THS	
19 Dec 1981			Installed new surface (some timer)				
				Each time =			960.4 hrs
				Spent time =			12 P# 2144344
23 Dec 1981			Complied with A/C 43-15 by replacing radio selector plug with PN 6431NR				
				Spent time =			985.0 hrs
							12 P# 2144344

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AIRCRAFT LOG

VOR Receiver operation checked in accordance with FAR 91.25				DATE	REMARKS
Date	Bearing error	Place	Signature		
VOR 1	VOR 2			19	
1-15-82					Removed King KR 85 system + TG 832A system, and Installed New King KT 76A, KR 87 ADF system, KDA 692, KCS 55A Compass system. This equip was installed according to the manufacturer's installation instructions + pertinent parts of A/C 43-13 parts 112. The Aircraft Papers have been amended + corrected. For new weight + Balance see Aerotronics Inc. Supplement this date.
					 1428369
					AEROTRONICS INC. II GREAT FALLS TITE AIRPORT Rural Route 4000 (1/2 mi. S. 2000) Great Falls, Montana 59404 (406) 762-2200 Station 316Z A

AIRCRAFT LOG

DATE	FLIGHT FROM	TO	NATURE OF FLIGHT	DURATION OF FLIGHT	ACCUMULATED TOTAL FLYING TIME		SIGNATURE OF PILOT
					HOURS	10THS	
19							
20 MAR 82	Inspection Completed this date. Remover No. 20 3/4 inch plates Excess cables, pulleys, links, blocks, tires, battery, fuel filters, fuel sumps. Two engine gear boxes, 6 inch on base, on base. Two screws, two screws new. Block blocks. Replaced taxi link Excess wire, gear & this bolts & check that this aircraft has been inspected in accordance with an approved inspection & was determined to be in an airworthy condition. Total time 10:57.7 Hr. Culb. Class. A11340061						
18 MAR	Installed extra pulley landing gear motor See maint release T.M. 1076.6 Hr. Culb. Class. A11340061						
23 MAR 82	Installed new left Airt. Fuel Boost Pump (Airt. Tank) Also installed SK #31-109 Air Detection Kit, T.M. 1076.6 Hr. Culb. Class. A11340061						
15 June 82	Installed new left tire & pressure bags T.M. 11:55 Hr. Culb. Class. A11340061						
20 June 82	Installed new battery T.M. 11:46.8 Hr. Culb. Class. A11340061						

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AIRCRAFT LOG

VOR Receiver operation checked in accordance with FAR 91.25			DATE	REMARKS
Bearing error	Place	Signature		
VOR 1	VOR 2		19__	
16 Aug 82			1982	Replaced Right Main Tire & Repacked Wheel Bearings Crosby Handch 516703968
ach Time	1198.8			
14 Oct 1982			1982	Replaced right & left tire! Balance wheel T.M. 11:39.5 Hr. Springer R.P. #2141344

