

MARK RECURRING AD'S IN PENCIL
AIRWORTHINESS DIRECTIVE COMPLIANCE RECORD

①

Aircraft, Engine, Propeller, or Appliance/Comp. Make Cessna Model 182M Ser. No. 18260045 N 182HH

EFF DATE	LAST AMEND AD Number	Subject	Date and Hours at Compliance	Method of Compliance	ONE-TIME RECURRING	Next Comp. Due Date/Hours	LOCATION OF Authorized Signature and Number
		CRACKS IN NOSE FORD FORKS	N/A	HAS WIDE FORK			
71-22-02							
1988		CRACKS & LOOSE BOLTS	10/29/97	INSPECT FIN & RUDDER	X	2017 HAS	SEE A/C LOG
72-07-09		IN FIN & RUDDER	1017 HRS	BOLTS & CUTOUTS EACH 1000 HR	X		
		FUEL TRANSFER PUMP PLACED	N/A	NO AUX TANK INSTALLED			
73-17-01							
		WING FUEL TANKS	N/A	BY MODEL			
75-16-01							
		WING FLAP SYSTEM	N/A	BY SERIAL			
77-02-09							
2838		CARBS AIR INTAKE	10/29/97	CHECK OR REPLACE SEALS	X		John A. Satcher AIP 1475588
77-04-05			1017 HRS	PER SL 57218	X		
		E.L.T. INSTALLATION	N/A	BY SERIAL			
77-23-11							
		E.L.T. INSTALLATION	N/A	BY SERIAL			
78-01-14							
3428		ELECTRICAL SYSTEM	10/29/97	PROPER FUSE OR DISCONNECT CLEAR LIGHTER	X		John A. Satcher AIP 1475588
79-08-03			1017 HRS		X		
5901		FUEL TANK VENTING	2/11/91	INSTALL VENTED FUEL CAPS	X		SEE A/C RECORDS
79-10-14							
3633		ALTERNATOR GROUNDING	10/29/97	INSTALL EXTRA GROUND STRIPS PER AD	X		John A. Satcher AIP 1475588
79-25-07			1017 HRS		X		
5940		BLADDER FUEL CELLS	2/11/91	INSTALL QUICK DRAINS IN FUEL TANKS	X		SEE A/C RECORDS
84-10-01							
		"	2/11/91	INSPECT THE FUEL TANK FILLER AREA	X		SEE A/C RECORDS
84-10-01							
		"	2/11/91	CHECK BLADDER FOR WRINKLES	X		SEE A/C RECORDS
84-10-01							
		"	N/A	BY INSTALLATION OF REDUCED DIA CAPS PER SK-182-85A			
84-10-01							
		COULDS ON HOJET	N/A	NO HOJET REPLACEMENT IN TIME PERIOD			
97-01-13							

182 SERIALS

AVIATION BUSINESS DIRECTIVE COMPLIANCE RECORD

AIRCRAFT C182 ENGINE 182HH
 N 182HH SERIAL NUMBER

AD NUMBER	REVISION DATE	SUBJECT	DATE AND HOURS AT COMPLIANCE	METHOD OF COMPLIANCE	RECURRING	COMP/DUE DATE/HOURS	AUTHORIZ SIGNATUR AND NUMB
59103		FLASHER SWITCH	NA		X		
7552		ENG OIL SEP	NA		X		
83131		FUEL CAP SEWS	PCW	BETTER BETWEEN - THIS HAS 2 ANS 2115 RETURNING	X		
83176		AILERON WEIGHTS	NA		X		
83226		AILERON HINGE PIN	NA		X		
71222		NOSE FORK	PCW	How?	X		
7233		FLAP TACK SCREW	200181 995141	R3 REMOVED CLEAVED LOBED SHELL 17 GREASE FORM	X	100 HRS	
7279		C RACKS	NA	BETTER CHECK A-GND TANK - IT APPLICABLE TO 182 C182	X		
73171		ELECT PUMP	NA		X		
73237		SPAR STRAP	NA		X		
75141		FUEL TANK	PCW		X		
7745		CARD AIR	PCW	WHEN?	X		
7729		FLAP JACK	NA		X		
772311		ELECT	NA		X		
77128		EXT POWER	NA		X		
7983		ELECT SYSTEM	PCW	CIGAR LIGHTER How?	X		
791014		FUEL CAPS	PCW		X		
79257		ALT GROUND	NA	WHY?	X		

THIS PART IS NOT RECORDED IN THE LOG
 THIS PART IS NOT RECORDED IN THE LOG
 THIS PART IS NOT RECORDED IN THE LOG

AIRCRAFT BUSINESS DIRECTIVE COMPLIANCE RECORD

AIRCRAFT C182 ENGINE 182 HH SERIAL NUMBER 182 HH

AD NUMBER	REVISION DATE	SUBJECT	DATE AND HOURS AT COMPLIANCE	METHOD OF COMPLIANCE	RECURRING	COMP/DUE DATE/HOURS	AUTHORIZ SIGNATUR AND NUMB
84101		BLADDER TANKS	POW	CHECKED FOR WRITURES THIS IS NOT RECORDING NONE FOUND	X		of Anderson
84202		PAPER AIR F. BENDIX	POW	EACH 500 HOURS N/S, N/S, NO PROB - IT'S EVERY 500 HRS	X		
7897		IMPALED	NA	EACH 500 HOURS	X		
7856		GOOD/EM CELLS	POW	BTC 39 CELL 1961 TO 1971	X		of Anderson
80247		THRITTLE BOLT	200787 995:41	INSTALLED DRILLED BOLT FOR PROPS AND THRITTLE	X		of Anderson
<p style="color: blue; font-size: 2em;">BANKS</p> <p style="color: blue; font-size: 2em;">BANKS</p> <p style="color: blue; font-size: 2em;">BANKS</p>							

MARK RECURRING AD'S IN PENCIL
AIRWORTHINESS DIRECTIVE COMPLIANCE RECORD

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Aircraft, Engine, Propeller, or Appliance/Comp. Make CESSNA Model 182M Ser. No. 18260045 N 182HH

EFFECT DATE	LAST AMEND AD Number	Subject	Date and Hours at Compliance	Method of Compliance	ONE-TIME RECURRING	Next Comp. Due Date/Hours	LOCATION OF Authorized Signature and Number
	4930	WING FLAP	12/21/72	INSTALLED KIT #	X		SEE A/C RECORD
	7203-83	JACK SCREW		SK150-378 PMSL SET 72-2	X		SEE A/C RECORD
	75-05-02	ENGINE OIL	N/A	NO BERYL OIL SEPARATOR INSTALLED			
	4672	PLACARD - IMPROPER	10/29/97	INSTALL PLACARD NEXT TO FUEL GAUGES	X		John G. [Signature] A41475588
	8373-01	FUEL CAP SEWING (a)					
		"	8/1/01	CHECK FUEL CAPS FOR PROPER SEWING EACH LINE	X	8/2002	JG
	8373-01		(b) 10/28/01				
	83-17-06	AILERON BALANCE WTS	N/A	A/C NOT MODIFIED			
	5475	ENGINE CONTROLS	10/2/77	INSTALLED DRILLED BUSHES	X		SEE A/C RECORDS
	8634-07	INSTALLATION		SCREWS NOT			
	5503	SHOULDER HARNESS ADJUSTOR	N/A	NO HARNESS INSTALLED			
	8636-04						
	6669	SEAT TRACKS, LOCK PINS & ROLLERS (II)	8/1/01	CHECK SEAT TRACKS, LOCK PINS & ROLLER EACH 12 MC	X	8/2000	JG
	87-20-63	ANGLE STIFFENER	N/A	A/C NOT MODIFIED			
	98-16-84						

182M

MARK RECURRING AD'S IN PENCIL

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AIRWORTHINESS DIRECTIVE COMPLIANCE RECORD

PROP: McCauley 2A34C-201, SER 694611

N 18244

Aircraft, Engine, Propeller, or Appliance Comp. Make CONT Model 0-470-R Ser. No. 202927-9-R

ALL ENGINE

0-470 SERIES

0-470 SERIES

LAST AMEND AD Number	Subject	Date and Hours at Compliance	Method of Compliance	ONE-TIME	RECURRING	Next Comp. Due Date/Hours	LOCATION OF Authorized Signature and Number
9665	OIL FILTER	10/29/97	CHECK TORQUE OF	X			<i>[Signature]</i>
96-12-22	ADAPTER (a)	10/17 HRS	ADAPTER & APPLY TORQUE		X		<i>[Signature]</i> 147588
	11	11/10/99	CHECK FOR OIL LEAKS	X		↓	
9672-22	(b)	10/17 HRS	BROKEN NUTTY EA FILTER		X		CHANGES OR EACH 100 HRS
56-06-01	PISTON PIN ASSEMBLY	N/A	BY SERIAL				
63-15-01	EXHAUST VALVES	N/A	BY DATE				
73-73-04	CARBURETOR	N/A	BY SERIAL				
79-05-09	OIL PRESSURE VALVE HOUSING	N/A	BY SERIAL				
85-08-02	CYLINDER ASSEMBLY	477/79	BY SERIAL				
88-03-06	OIL FILTER	N/A	BY PART NO				
91-19-03	ENGINE OIL FILTER	N/A	BY TYPE FILTER				
93-08-17	OIL PICK UP TUBE INSPECTION	N/A	NOT REBUILT OR OVERHAUL				
93-10-02	CYLINDER INSPECTION	N/A	NO CYL'S CHANGED DURING TIME PERIOD				
95-21-15	ENGINE TORN DOWN - INSPECTION	N/A	BY 'N' NUMBER				
96-12-04	PISTON REPLACEMENT	N/A	NO PISTONS CHANGED DURING TIME PERIOD				
97-21-02	CONT - SIDE LOADING OF PISTON	N/A	NO CYL'S CHANGED IN TIME PERIOD				
98-01-08	CONT - RECORD KRM FAILURE	N/A	ENG NOT MODIFIED				

Aircraft, Engine, Propeller, or Appliance/Comp. Make

Model

Ser. No.

ACCEPTED

EFF. DATE	LAST AMEND AD Number	Subject	Date and Hours at Compliance	Method of Compliance	ONE-TIME	RECURRING	Next Comp. Due Date/Hours	LOCATION OF Authorized Signature and Number
		ACS - IGNITION SWITCH	N/A	HAS BENDIX SWITCH				
	93-05-06	AIRCRAFT METAL	N/A	NONE INSTALLED				
	79-26-05	PRODUCES-OIL FUEL NOISE						
	74-08-01	MPC - AUTO PILOT SERVOS	N/A	BY SERIAL # MODEL				
	81-21-05	MTEX - ELT BATTERY PACKS	N/A	BY TYPE OF E.L.T.				
	76-07-12	BENDIX - IGNITION SWITCH	10/29/97	CHECK DURING RUNUP EACH 100 HOURS		X	1117 HRS	SEE A/C LOG
	78-05-06	GOODYEAR FUEL CELLS	N/A	BY DATE OF FUEL CELLS				
	84-26-02	PAPER AIR INDUCTION FILTERS	10/29/97	N/A NOW HAS BRACKETS RA8110 FORM FILTER				
	79-18-05	LITHIUM-SULFUR DIOXIDE BATTERY	N/A	NONE INSTALLED				
	63-22-03	PROPAGIC ENGINE OPERATION (MARKED)	N/A	BY CRAB SERIAL				
	881	MARVEL - BLOCKS	12/21/72	PER AD		X		SEE A/C RECORDS
	69-24-03	PROTOS						
	5388	MARVEL - THROTTLE ARM	12/21/72	BY CHECKING TORQUE & STIFF		X		SEE A/C RECORDS
	72-06-05	MARVEL - THROTTLE JAMMING	N/A	BY DATE OF MANUFACTURE				
	93-18-03	MARVEL - TWO PC VENTURI	N/A	BY MODEL				
	93-19-04	PC VENTURI FUEL SYSTEMS FLOAT	N/A	NO FLOAT INSTALLED IN TIME PERIOD				
	1930	SLICK - IMPULSES COUPLINGS	2/18/75	REMOVED IMPULSES CHECKED FOR LOOSE RIVETS		X		SEE A/C RECORDS
	74-18-05	SLICK - IMPULSES	N/A	BY SERIALS				
	80-06-05	SLICK - MAGNETO COILS	N/A	BY MODEL				
	81-16-05	MARVEL - 2 PC VENTURI	N/A	BY MODEL				
	98-01-06							

N 182HH

Electrical Running Load

item	draw	Amps
1		
2		
3		
4		
5		
6		
7		
8		
9		
10		
11		
12		
13		
14		
Sub Total		Amps ..
Plus 10% for gen surge		
Total continuous running load		Amps

Wt & Balance computations for equipment added or removed.

item	Wt	X arm	= moment
3/28/80 1 Plane	1738.5	34.89	60692.25
REMOVE EGT - 2 ALERT 50	- 2.0	+ 122	- 244.00
INSTALL AMMO HING - 3 450 EGT	+ 3.2	+ 122	+ 390.40
4			
5			
6			
7			
8			
9			
10			
	1740.7		60838.65

mom 60838.65 = 34.850 E.W.C.G. (in. aft datum)
 wt 1740.7
1740.7 lbs E.W.
1059.3 lbs Useful load
60.8 E.W. index (for loading graph)

It is the pilot's or operators responsibility to insure that this aircraft is loaded properly.

Checked by John A. Sullivan
 Date 10/29/97

An electrical running load check indicated a continuous running load of amps. A amp generator is installed, of which 80% (amps) is more/less than amps continuous draw.
 If the continuous running load exceeds 80% of Gen capacity, it is the pilot's responsibility to maintain less than 80% draw.

Checked by _____

Date _____

LAURENCE AIRCRAFT ELECTRONICS, INC.
 AKRON MUNICIPAL AIRPORT
 AKRON, OHIO 44306
 216-733-7877

FAA APPROVED REPAIR STATION 106-13
 WEIGHT AND BALANCE CHANGES

AIRCRAFT MAKE CESSNA MODEL 182M REG. NO. N182HH SERIAL NO. 18260045

Previous A/C Empty Weight DATE <u>FEB. 19, 1975</u>	CHECK in	ONE out	WEIGHT <u>1737.0</u>	ARM <u>34.92</u>	MOMENT <u>60657.0</u>
1. <u>NARCO MK-8 Nav/com</u>		X	<u>-7.5</u>	<u>11.5</u>	<u>-86.25</u>
2. <u>NARCO MK-16 Nav/com</u>	X		<u>5.8</u>	<u>12.0</u>	<u>69.6</u>
3. <u>KING KH-62A DMC</u>	X		<u>2.4</u>	<u>11.5</u>	<u>27.6</u>
4. <u>NARCO 10A-40M</u>	X		<u>1.8</u>	<u>13.5</u>	<u>24.3</u>
5.					
6.					
7.					
8.					
9.					
10.					
			<u>1739.5</u>	<u>34.89</u>	<u>60692.25</u>

60692.25 divided by 1739.5 = 34.89
 Total Moment Total Weight New CG

The new empty weight is 1739.5 lbs. SUPERSEDED
10/29/97
 The new empty center of gravity is 34.89 inches AFT of the datum.
 The new useful load is 1066.5 lbs. at 2800 lbs. gross weight.
 See Aircraft Flight Manual for center of gravity limits.

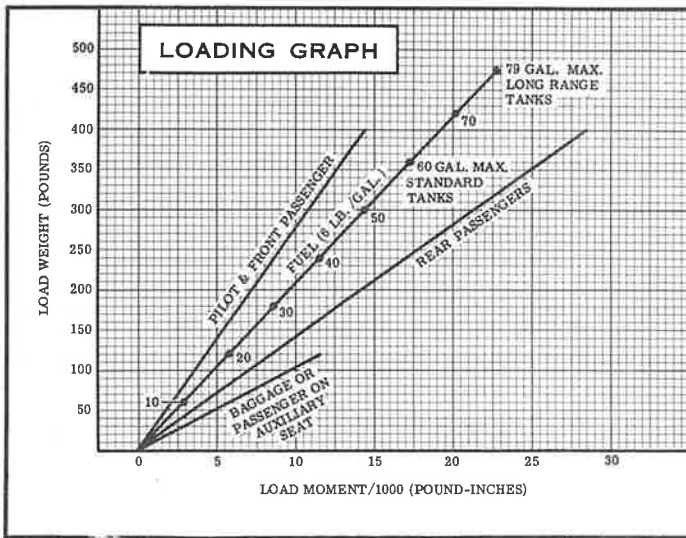
[Signature]
 AUTHORIZED SIGNATURE

APRIL 28 1980
 DATE

Loading/Center of Gravity Charts and Weighing Procedure

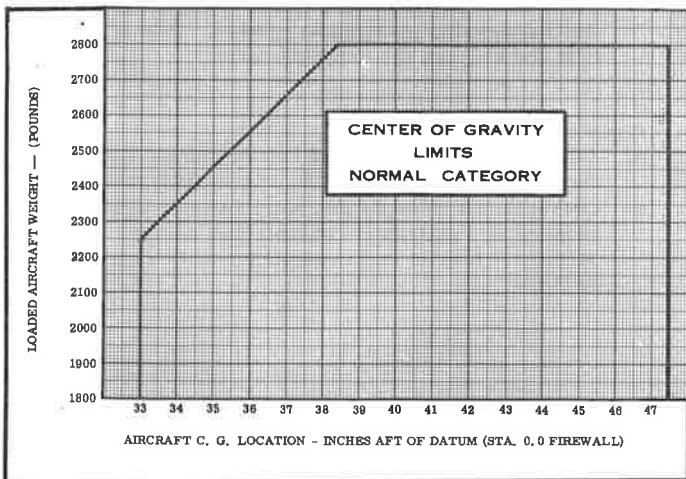
IT IS THE RESPONSIBILITY OF THE PILOT AND AIRCRAFT OWNER TO INSURE THAT THE AIRCRAFT IS LOADED PROPERLY.

When computing aircraft loading requirements, refer to the Weight and Balance Data sheet in the aircraft file for the licensed empty weight, arm and moment of the aircraft as delivered from the factory. (If alterations have been made to the aircraft, refer to form FAA-337 for the latest empty weight, arm and moment.) Use the loading and center of gravity charts below and the sample loading problem in the aircraft Owner's Manual to determine aircraft weight and balance.



C. G. MOMENT ENVELOPE INSTRUCTIONS

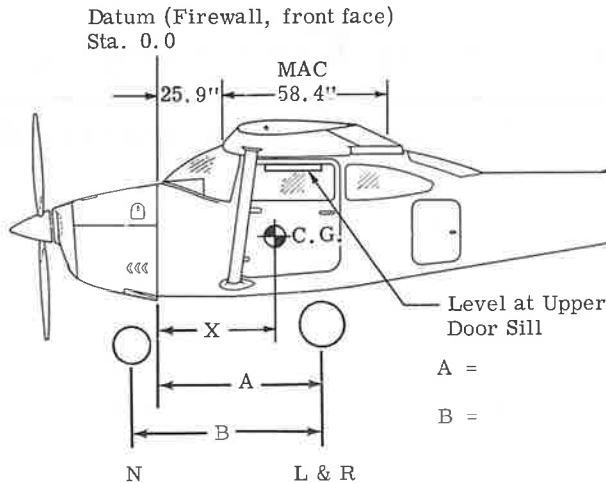
- I To the licensed empty weight, add the weight of all items to be carried.
- II To the licensed empty weight moment, add the moment of all items to be carried.
- III Locate the point determined by I and II, and if it falls within the C. G. moment envelope, the loading is satisfactory.



Weighing Procedure

MODEL 182 M

1969



Scale Position	Scale Reading	Tare	Symbol	Net Weight
Left Wheel			L	
Right Wheel			R	
Nose Wheel			N	
Aircraft Empty Weight (As Weighed)			W	

$$X = \text{ARM} = \frac{(A) - (N) \times (B)}{W} ; X = (\quad) - \frac{(\quad) \times (\quad)}{(\quad)} = (\quad) \text{ IN.}$$

1. Preparation:

- Inflate tires to recommended operating pressures.
- Remove all wing tank drain plugs to remove all fuel.
- Remove oil sump drain plug to drain all oil.
- Move all sliding seats to the most forward position. All seat backs should be in the most nearly vertical position.
- Put flaps in the fully retracted position.
- Place all control surfaces in neutral position.

2. Leveling:

- Place scales under each wheel (1000# minimum capacity for scales).
- Deflate nose tire to center bubble on level (see diagram).

3. Weighing:

- With the airplane level and brakes released, record the weight shown on each scale. Deduct the tare, if any, from each reading.

4. Measuring:

- Obtain measurement "A" by measuring horizontally (along the airplane center line) from a line stretched between the main wheel centers to a plumb bob dropped from the firewall.
- Obtain measurement "B" by measuring horizontally and parallel to the airplane center line, from center of nose-wheel axle, left side, to a plumb bob dropped from the line between the main wheel centers. Repeat on right side and average the measurements.

5. Completing the Form:

- Using weights from (3) and measurements from (4) the airplane weight and C.G. can be determined.
- Obtain licensed empty weight by adding weight and moment of 5 gallons of unusable fuel (weight = 30#; moment = 1380 lb in.) to airplane empty weight and moment.

CESSNA AIRCRAFT COMPANY

WICHITA, KANSAS

Weight & Balance Data

CONTROL NUMBER	DATE	MODEL	REGISTRATION NUMBER	CESSNA SERIAL NUMBER
920739	08/28/69	182 SKYLANE	N182HH	18260045

ITEM	WEIGHT	ARM	MOMENT
STANDARD AIRPLANE (EMPTY, DRY, UNPAINTED) COMPUTED	1589.0	34.4	53974
INCLUDES EQUIPMENT ITEMS REQUIRED FOR FAA CERTIFICATION			
UNUSABLE FUEL 5.0 GALLONS	30.0	46.0	1380
ALL OVER EXT 965 TANG BIEGE/VALOR RED/IMP BURG MET	21.0	107.5	2258
INT. GF TAN/TAN			NEGL.
PARTIAL ELECTRONIC OPTION A	7.5	61.0	458
300 NAVOMATIC NEW D&H GYROS & TURN COORD EXCH	9.0	49.5	446
INDICATOR ECONOMY MIXTURE	1.0	6.0	6
CONTROLS DUAL	8.0	15.0	120
DETECTORS NAVIGATION LIGHTS			NEGL.
FILTER OIL FULL FLOW	4.5	4.5	20
FUEL TANKS EXTENDED RANGE WING EXCH	7.0	46.5	326
HEADREST LH FRONT SEAT	1.0	47.0	47
HEADREST RH FRONT SEAT	1.0	47.0	47
HEATING SYSTEM STALL WARNING & PITOT EXCH	.5	36.5	18
LIGHT-OMNIFLASH BEACON	1.0	253.0	253
LIGHTS INSTRUMENT POST TYPE	.5	17.5	9
MIRROR REAR VIEW	.5	16.0	8
PRIMING SYSTEM ENGINE	1.0	15.0	15
SEAT FRONT LH STD			NEGL.
SEAT FRONT RH STD			NEGL.
STATIC DISCHARGERS SET OF SEVEN			NEGL.
STATIC SOURCE ALTERNATE			NEGL.
VENTILATION SYSTEM REAR SEAT	2.0	50.5	101
MODEL 182 SKYLANE	40.0	33.0	1320
LICENSED EMPTY WEIGHT	1704.5	35.0	60731
GROSS WEIGHT 2800.0 LICENSED WEIGHT 1704.5 USEFUL LOAD	1095.5		

SUPERCEDED
DATED 9-29-69



NOTES

- 1. Suffix letter to item numbers:
 - R = Required items of equipment for FAA certification
 - S = standard equipment items
 - O = optional equipment items replacing required or standard items
 - A = optional equipment items which are in addition to required or standard items
 - L = loose item of equipment which is stowed in the aircraft when it left the factory but which is not included in the Optional Equipment Weight and Moment. (Installed ARM is listed.)
- 2. Unless otherwise indicated, true values (not net change values) for weight and arm are shown. Positive arms are distances aft of datum; negative arms are distances forward of datum (see weight and balance data sheet for datum location).
- 3. A separate FAA approval must be obtained if the following items are not installed per applicable Cessna drawings or accessory kit instructions.

ITEM NO	DESCRIPTION	REF DRAWING	WT LBS	ARM INS
001-R	Engine, Continental 0-470-R		430.0	-17.5
002-R	Propeller (McCaughey 2A34C66/90AT-8)	C161002-0201	52.0	-40.0
X(or) 003-R	Propeller (McCaughey 2A34C201/90 DA-8)	C161009-0101	49.0	-40.0
004-R	Spinner, Propeller (Use With 002-R)	0752637	4.0	-40.0
X(or) 005-R	Spinner, Propeller (Use With 003-R)	0752637	4.0	-40.0
006-R	Governor, Propeller (Garwin) (McCaughey)	34-828-01 or C290-D2/T1	4.0	-32.5
007-R	Alternator, 60 Amp. 14-Volt (Cessna)	C611501-0101	11.5	- 5.5
X 008-R	Regulator, Alternator, 60 Amp. 14-Volt (Cessna)	C611001-0101	1.0	- 1.0
009-R	Battery, 12-Volt, 33 Amp. Hr.	0712605	28.0	116.0
X 010-R	Filter, Carburetor Air <i>BRACKET BAGNO</i>	0750038	1.0	-33.0
011-R	Heating System, Cabin and Carburetor Air		18.0	-16.0
012-R	Oil Cooler, Engine (Continental)	625093	5.5	-31.5
012-O	Oil Cooler, Engine Non-congealing (Continental)		7.0	-31.5
013-R	Wheel, Tire and Tube and Brake Assembly (two) 6:00 x 6, 6-ply (main)	1241156	30.0	59.0
013-O	Wheel, Tire and Tube and Brake Assembly (two) 8:00 x 6, 6-ply (main)	1241156	36.0	59.0
X 014-R	Wheel and Tire Assembly (one) 5:00 x 5, 6-ply (nose)	1241156	8.0	- 6.5
014-O	Wheel and Tire Assembly (one) 6:00 x 6, 4-ply (nose)-Requires Item 134-A	1241156	12.0	- 6.5
X 015-R	Indicator, Stall Warning Audible	S-1407-6	1.0	17.5

ISSUED: 9-6-68

Cessna Aircraft Co. Commercial Div.
Delegation Option Manufacturer, CF-1

REVISED:

APPROVED:

[Signature]
Executive Engineer

SHT 1 OF 5



EQUIPMENT LIST (CONT'D)
MODEL 182M

CESSNA AIRCRAFT CO

WICHITA, KANSAS

ITEM NO	DESCRIPTION	REF DRAWING	WT LBS	ARM INS
016-R	Altimeter	S-1314N1	1.0	16.0
X 016-0	Altimeter (sensitive)	C661011-0105	1.5	15.5
016-0-1	Altimeter Sensitive (feet & millibars)	C661011-0106	1.5	15.0
017-R	Seat Adjustable, Pilot	0700678	14.0	40.0
017-0	Seat Adjustable, Vertically, Fore and Aft and with Reclining Back, Pilot	0700630	18.0	40.0
X 018-S	Seat Adjustable, Copilot	0700678	14.0	40.0
018-0	Seat Adjustable, Vertically, Fore and Aft and with Reclining Back, Copilot	0700630	18.0	40.0
019-S	Seat, Rear	0700678	25.5	80.5
020-R	Belt, Safety, Pilot	S-1746-2	1.0	36.0
021-S	Belt, Safety, Copilot	S-1746-2	1.0	36.0
022-S	Belt, Safety, Rear Seat (two)	S-1746-1	2.0	71.0
023-S	Paint Scheme, Standard Configuration	0704005	5.5	153.5
X 023-0	Paint Scheme, All-over	0704006	21.0	107.5
X 024-S	Gage, Cylinder Head Temperature	1213505	1.0	11.5
X 025-R	Gage, Manifold Pressure	S-1301N1	1.0	15.0
X 026-R	Tachometer, Recording	S-1305N8	1.5	14.0
X 027-R	Indicator, Airspeed	S-1470N4	1.0	16.0
027-0	Indicator, True Airspeed	0713843	1.0	16.5
X 028-S	Lights, Landing	0523118	2.5	31.0
X 029-S	Light, Map and Instrument Flood	0770725	0.5	30.0
030-S	Net, Baggage Tie Down	0500236	0.5	97.0
100-A	Axles, Heavy Duty (net change)	1441003	2.0	59.0
101-A	Cables, Corrosion Resistant (net change)		Negl.	--
X 102-A	Clock, Electric	S-1317N2	0.5	16.5
X 103-A	Controls, Dual (wheel, pedals, and toe brakes)	0760650 0760101	8.0	15.0
104-A	Corrosion Proofing, Internal		7.0	70.0
X 105-A	Curtain, Rear Window	0700707	1.5	112.0
X 106-A	Detectors, Nav. Light	0523702	Negl.	--
X 107-A	Discharger, Static	0770726	Negl.	--
X 108-A	Fairing, Standard Nose Wheel	0743625	4.5	-5.0
109-A	Fairing, Oversize Nose Wheel	0743618	4.5	-5.5
X 110-A	Fairings, Standard Main Wheel (set of two)	0741046	13.0	61.5
111-A	Fairings, Oversize Main Wheel (set of two)	0741615	15.5	61.0
X 112-A	Filter, Full Flow Oil	0750606	4.5	-4.5
113-A	Fire Extinguisher, Hand Type (Use with Std. Pilot's Seat)	1400054	5.5	35.0
114-A	Fire Extinguisher, Hand Type (Use with Manual Vertical Adjusting Pilot's Seat)	0500120	5.5	29.0
X 115-A	Gage, Carburetor Air Temperature	0750610	1.0	5.5
X 116-A	Gage, Outside Air Temperature	C668507-0101	Negl.	28.5
117-A	Ground Service Plug Receptacle	0700754	2.5	-2.0

ISSUED: 9-6-68

REVISED:

SHT 2 OF 5



EQUIPMENT LIST (CONT'D)

MODEL 182M

CESSNA AIRCRAFT CO

WICHITA, KANSAS

ITEM NO	DESCRIPTION	REF DRAWING	WT LBS	ARM INS
118-A	Gyros, New Horizon and Directional Requires Item 145-A	0706000	6.5	13.5
119-A	Gyros, New Horizon and New Cessna Directional-Requires Item 145-A	0701001	6.0	13.0
120-A	Gyros, New Cessna Horizon and Directional- Requires Item 145-A	0701000	6.5	13.0
X 121-A	Headrests, Front Seats, Two (installed)	1714040	2.0	47.0
122-A	Headrests, Rear Seats, Two (installed)	1714040	2.0	87.0
X 123-A	Heating System - Stall Sensor and Pitot	0770724	0.5	26.5
124-A	Hook, Glider Tow	0712643	0.5	231.0
125-A	Hourmeter	1200744	1.0	11.5
X 126-A	Indicator, Economy Mixture	0750609	1.0	6.0
X 127-A	Indicator, Rate of Climb	S-1392N1	1.0	15.5
X 128-A	Indicator, Turn Coordinator	C661003-0501	2.5	15.0
128-A-1	Indicator, Turn and Bank	S-1413N1	2.0	15.0
128-A-2	Indicator, Turn Coordinator (Use with Item 301-A)	0701009	3.0	15.0
129-A	Light, Map (Control Wheel Mounted)	1570149	0.5	22.5
X 130-A	Light, Omni Flashing Beacon	0700169	1.0	253.0
131-A	Lights, Courtesy (set of two)	0700615	0.5	61.5
X 132-A	Lights, Instrument Post	1213087	0.5	17.5
X 133-A	Mirror, Rear View	0700156	0.5	16.0
134-A	Nose Gear Fork - Net Change (Use with Item 014-0)	0743621	1.5	-5.0
135-A	Oil Dilution System	0750604	2.0	-0.5
136-A	Oxygen System, 4-Port	0700728	30.0	107.0
X 137-A	Priming System, Six-Cylinder	0750125	1.0	-15.0
138-A	Seat Installation-Auxiliary (includes seat belt)	0711663	10.0	102.0
139-A	Shelf, Utility - Removable	0711682	1.0	105.5
140-A	Stabilizer Abrasion Boots	0500041	1.5	206.0
X 141-A	Static Source, Alternate	1200678	Negl.	--
142-A	Stretcher Installation, Boxed	0700164	Use Actual	
			Wt. & Arm Change	
X 143-A	Sun Visors (two)	0700122	1.0	33.0
X 144-A	Tow Bar, Aircraft (Stowed)	0700315	2.0	97.0
X 145-A	Vacuum System, Engine Driven	0750224	7.0	-0.5
146-A	Ventilation System, Rear Seat	1200636	2.0	50.5
X 147-A	Windshield, Tinted (net change)		Negl.	--
X 148-A	Wings, Extended Range (net change)	0720600	7.0	46.5
149-A	Wing Leveler, For Complete Kit See Item 301-A	0701008	6.5	27.5
150-A	Winterization Kit, Engine	0700734	1.0	-34.5

Note: The following grouped items cannot be installed simultaneously!
118-A, 119-A, or 120-A; 128-A, 128-A-1, or
128-A-2



EQUIPMENT LIST (CONT'D)
MODEL 182M

CESSNA AIRCRAFT CO

WICHITA, KANSAS

ITEM NO	DESCRIPTION	REF DRAWING	WT LBS	ARM INS
300-A	Primary Group Consists of Items: 016-0 102-A, 116-A, 127-A, 128-A, 143-A		5.5	18.5
301-A	Wing Leveler (FK-82-129) Consists of Items 128-A-2, 149-A	0701008	7.0	26.5
301-A-1	Wing Leveler (FK-82-129-B) Consists of Items: 128-A-2, 145-A, 149-A	0701008	16.5	13.5
X 302-A	Skylane Kit Consists of Items: 016-0 Exchange, 102-A, 105-A, 108-A, 110-A, 116-A, 118-A, 127-A, 128-A, 143-A, 144-A, 145-A, and 147-A, and requires 023-0 but not included in weight.	0700600	40.0	33.0
500-A	Cessna 300 Nav-O-Matic (includes new Cessna gyros, turn coord- inator and vacuum system)	0770746	25.0	22.5
501-A	Cessna 300 Nav-O-Matic (includes new Cessna directional gyro, new horizon gyro, turn coordinator and vacuum system)	0770746	24.5	22.5
X 502-A	Electronic Installation-Partial-Option A	<u>0770750</u>	7.5	61.0
503-A	Electronic Installation-Partial-Option B		1.0	53.5
504-A	Electronic Installation-Partial-Option C		1.5	19.0
505-A	Electronic Installation-Partial-Option D		0.5	67.0
506-A	Antenna and Cable - Communication (VHF)		1.0	53.5
507-A	Antenna and Cable - Dual Communication (VHF)		2.0	53.5
508-A	Antenna and Cable - Navigation (VHF)		1.5	172.0
509-A	Headset and Microphone		1.0	18.0
510-A	Cabin Speakers (two)		3.0	40.0
511-A	Radio Selector Switches		0.5	17.0
512-A	Audio Amplifier (KA-25C)		1.5	11.5
513-A	Audio Junction Box	<u>0770750</u>	0.5	8.0
514-A	Radio Cooling System	0770711	1.5	10.0
515-A	Microphone, Boom	0770750	1.0	32.0
516-A	Filter, Radio (flap motor)	0770750	0.5	60.5

ISSUED: 9-6-68

REVISED:

SHT 4 OF 5



EQUIPMENT LIST (CONT'D)

CESSNA AIRCRAFT CO

MODEL 182M

WICHITA, KANSAS

ITEM NO	DESCRIPTION	REF DRAWING	WT LBS	ARM INS
517-A	Cessna 300 ADF (521B) (includes forward loop and antenna)	0770750	9.0	19.0
518-A	Cessna 300ADF (521B) (includes aft loop and antenna)		10.3	40.0
X 519-A	Cessna 300 Marker Beacon Receiver (502B) (includes antenna)		2.5	20.0
520-A	Cessna 300 Transceiver (524A)		8.0	11.5
521-A	Cessna 300 Nav-Com (517R) with IN-514R		11.0	11.5
522-A	Cessna 300 Nav-Com (540A) with IN-514R		11.5	11.5
523-A	Cessna 300 Nav-Com (540A) with IN-525A		12.0	11.5
524-A	Cessna 300 DME (KN-60B) (includes antenna)		9.5	20.5
525-A	Cessna 300 HF (PT10-A)		21.5	94.5
526-A	Cessna 400 NAV/COM (522A) (with IN-522A) TSO		13.5	34.0
527-A	Cessna 400 NAV/COM (522A) (with IN-543A) TSO		13.5	34.0
528-A	Cessna 400 Transceiver (532A) TSO		8.5	47.0
529-A	Cessna 400 Transponder (506A) TSO (includes antenna)		8.5	88.0
530-A	Cessna 400 Glideslope Receiver (R543B) (includes antenna) TSO		6.0	81.5
531-A	Cessna 400 ADF (324A) (includes loop and antenna) TSO		11.5	19.5
532-A	Narco Mark 12A with VOA-8 (90 channel)		17.0	45.0
533-A	Narco Mark 12A with VOA-8 (360 channel)		17.0	45.0
534-A	Narco Mark 12A with VOA-9 (360 channel)		17.0	45.0
535-A	Narco UGR2 Glideslope (includes antenna and cable) TSO		6.5	82.0
			0770750	3.0
11-15-71	Narco AT-50 Transponder		3.0	110
11-15-71	Quaker I Strobe Light REMOVED 2/18/75		1.0	26
	Telex Beacon Mike + Switch			
2/18/75	ADDED ALERT ELT REMOVED 10/29/87		2.1	12.2
April 28, 80	Narco Mk-16 Nav/Com		5.8	12.0
	Narco VOA-40M Indicator		1.8	13.5
	King KN-62A DME		2.4	11.5
10/29/97	AMERI-KING 450 E.L.T.		3.2	122.0

ISSUED: 9-668

REVISED:

SHT 5 OF 5

DEPARTMENT OF TRANSPORTATION
FEDERAL AVIATION ADMINISTRATION

Form Approved
Budget Bureau No. 04-R060.1

MAJOR REPAIR AND ALTERATION
(Airframe, Powerplant, Propeller, or Appliance)

FOR FAA USE ONLY
OFFICE IDENTIFICATION (SEE GADU)
1-4-06

INSTRUCTIONS: Print or type all entries. See FAR 43.9, FAR 43 Appendix B, and AC 43.9-1 (or subsequent revision thereof) for instructions and disposition of this form.

1. AIRCRAFT	MAKE Cessna	MODEL 182M
	SERIAL NO. 18260045	NATIONALITY AND REGISTRATION MARK N 182HH
2. OWNER	NAME (As shown on registration certificate) Holshoy, Harold M.	ADDRESS (As shown on registration certificate) 7081 Portage NW Massillon, Ohio 44646

3. FOR FAA USE ONLY

*INSTALL
CESSNA
300 MANUAL
BETWEEN
NIXCO AT-50
X POWDER
QUICK I
5/18/75*

4. UNIT IDENTIFICATION				5. TYPE	
UNIT	MAKE	MODEL	SERIAL NO.	REPAIR	ALTERATION
AIRFRAME (As described in item 1 above)				X
POWERPLANT					
PROPELLER					
APPLIANCE	TYPE				
	MANUFACTURER				

6. CONFORMITY STATEMENT

A. AGENCY'S NAME AND ADDRESS Paul N. Beegle Route 1 West Salem, Ohio 44287	B. KIND OF AGENCY <input checked="" type="checkbox"/> U.S. CERTIFICATED MECHANIC <input type="checkbox"/> FOREIGN CERTIFICATED MECHANIC <input type="checkbox"/> CERTIFICATED REPAIR STATION <input type="checkbox"/> MANUFACTURER	C. CERTIFICATE NO. A&P 1480944
----------------------------------------------------------------------------------------------	------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------	----------------------------------------------

D. I certify that the repair and/or alteration made to the unit(s) identified in item 4 above and described on the reverse or attachments hereto have been made in accordance with the requirements of Part 43 of the U.S. Federal Aviation Regulations and that the information furnished herein is true and correct to the best of my knowledge.

DATE 11/15/71	SIGNATURE OF AUTHORIZED INDIVIDUAL <i>Paul N. Beegle</i>
-------------------------	-------------------------------------------------------------

7. APPROVAL FOR RETURN TO SERVICE

Pursuant to the authority given persons specified below, the unit identified in item 4 was inspected in the manner prescribed by the Administrator of the Federal Aviation Administration and is APPROVED REJECTED

BY	FAA FLT. STANDARDS INSPECTOR	MANUFACTURER	INSPECTION AUTHORIZATION	OTHER (Specify)
	FAA DESIGNEE	REPAIR STATION	CANADIAN DEPARTMENT OF TRANSPORT INSPECTOR OF AIRCRAFT	
DATE OF APPROVAL OR REJECTION 11/15/71	CERTIFICATE OR DESIGNATION NO. IA 1480944	SIGNATURE OF AUTHORIZED INDIVIDUAL <i>Paul N. Beegle</i>		

ADDITIONAL SHEETS ARE ATTACHED

MAJOR REPAIR AND ALTERATION

1-4-68

NAME	Cessna
MODEL	182B
REGISTRATION NO.	1826007
OWNER	Holmes, Harold W.
ADDRESS	7081 Portage W Wesliff, Ohio 44896

UNIT IDENTIFICATION	
UNIT NO.	

-----The End-----

Summers

New empty weight 1738
New E.C.G. 35.96
New useful load 1062

All work was done in accordance with manual 43.13 recommended procedures. The equipment list was brought up to date and new weight and balance is as follows.

The following equipment was installed in this aircraft:
Cessna 300 marker beacon receiver
Marco AT-50 transponder
Quazar I strobe light
The radios were installed in existing mountings and installed per manufacturers instructions.
Installation of the strobe light was done in accordance with manufacturers instructions and is approved under STC S A 1290WE.
All work was done in accordance with manual 43.13 recommended procedures. The equipment list was brought up to date and new weight and balance is as follows.

8. DESCRIPTION OF WORK ACCOMPLISHED (If more space is required, attach additional sheets. Identify with aircraft nationality and registration mark and date work completed.)

NOTICE
Weight and balance or operating limitation changes shall be entered in the appropriate aircraft record. An alteration must be compatible with all previous alterations to assure continued conformity with the applicable airworthiness requirements.

MAJOR REPAIR AND ALTERATION
(Airframe, Powerplant, Propeller, or Appliance)

FOR FAA USE ONLY
OFFICE IDENTIFICATION

INSTRUCTIONS: Print or type all entries. See FAR 43.9, FAR 43 Appendix B, and AC 43.9-1 (or subsequent revision thereof) for instructions and disposition of this form.

1. AIRCRAFT	MAKE <i>CESNA</i>	MODEL <i>182 M</i>
	SERIAL NO. <i>18260045</i>	NATIONALITY AND REGISTRATION MARK <i>N 182 HH</i>
2. OWNER	NAME (As shown on registration certificate) <i>HOLSHOY, HAROLD M</i>	ADDRESS (As shown on registration certificate) <i>7081 Portage Trl. W. Massillon, Ohio 44646</i>

3. FOR FAA USE ONLY

*REMOVE
QUAKE
STROBE*
*INSTALL
ALERT SD
E.L.T.*

4. UNIT IDENTIFICATION

5. TYPE

UNIT	MAKE	MODEL	SERIAL NO.	REPAIR	ALTERATION
AIRFRAME (As described in item 1 above)				X
POWERPLANT					
PROPELLER					
APPLIANCE	TYPE				
	MANUFACTURER				

6. CONFORMITY STATEMENT

A. AGENCY'S NAME AND ADDRESS <i>Emory B. Ersek. 811 Oak St. N.W. New Philadelphia Ohio 44663</i>	B. KIND OF AGENCY <input checked="" type="checkbox"/> U.S. CERTIFICATED MECHANIC <input type="checkbox"/> FOREIGN CERTIFICATED MECHANIC <input type="checkbox"/> CERTIFICATED REPAIR STATION <input type="checkbox"/> MANUFACTURER	C. CERTIFICATE NO. <i>N4E21970</i>
-------------------------------------------------------------------------------------------------------------	------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------	---------------------------------------

D. I certify that the repair and/or alteration made to the unit(s) identified in item 4 above and described on the reverse or attachments hereto have been made in accordance with the requirements of Part 43 of the U.S. Federal Aviation Regulations and that the information furnished herein is true and correct to the best of my knowledge.

DATE <i>1-18-75</i>	SIGNATURE OF AUTHORIZED INDIVIDUAL <i>Emory B. Ersek.</i>
------------------------	--------------------------------------------------------------

7. APPROVAL FOR RETURN TO SERVICE

Pursuant to the authority given persons specified below, the unit identified in item 4 was inspected in the manner prescribed by the Administrator of the Federal Aviation Administration and is APPROVED REJECTED

BY	FAA FLT. STANDARDS INSPECTOR	MANUFACTURER <input checked="" type="checkbox"/>	INSPECTION AUTHORIZATION	OTHER (Specify)
	FAA DESIGNEE	REPAIR STATION	CANADIAN DEPARTMENT OF TRANSPORT INSPECTOR OF AIRCRAFT	

DATE OF APPROVAL OR REJECTION <i>1-18-75</i>	CERTIFICATE OR DESIGNATION NO. <i>N4E21970 I.A.</i>	SIGNATURE OF AUTHORIZED INDIVIDUAL <i>Emory B. Ersek.</i>
-------------------------------------------------	--------------------------------------------------------	--------------------------------------------------------------

Weight and balance or operating limitation changes shall be entered in the appropriate aircraft record. An alteration must be compatible with all previous alterations to assure continued conformity with the applicable airworthiness requirements.

NOTICE

8. DESCRIPTION OF WORK ACCOMPLISHED (If more space is required, attach additional sheets. Identify with aircraft nationality and registration mark and date work completed.)

Item
 #1 Rechecked Avionics - 5.1.18.18
 previously installed under A/C S-A-159
 O.W.E.

#2. Installed short middle of EAT
 at Sta 122 top of fuselage with
 all hardware & brackets supplied
 by Aircraft products. WT of unit is
 8 lbs. 6 - 1932 machine screws & nuts &
 lock washers used to mount EAT.
 Installation drawings per FAA AC 43-
 13-2 & short install drawing & information
 EAT. Tools per AC 43-35

Submitted

M. E. W. 1937

M. G. 34.92

Mount 6057

New Mount kind 1069.

EAT Added to Equipment List
 Log Book Entry made
 List with Balance Synchronized.

The End.

ADDITIONAL SHEETS ARE ATTACHED

MAJOR REPAIR AND ALTERATION
(Airframe, Powerplant, Propeller, or Appliance)

FOR FAA USE ONLY

OFFICE IDENTIFICATION

INSTRUCTIONS: Print or type all entries. See FAR 43.9, FAR 43 Appendix B, and AC 43.9-1 (or subsequent revision thereof) for instructions and disposition of this form.

1. AIRCRAFT	MAKE	MODEL
	SERIAL NO.	NATIONALITY AND REGISTRATION MARK
2. OWNER	NAME (As shown on registration certificate)	ADDRESS (As shown on registration certificate)
	CHAMBERS GM	4080 RICHMONT ST SW NAVARRE OH 44662-9718

3. FOR FAA USE ONLY

REMOVED ALERT 50 E.L.T.
INSTALLED AMER-KING 1150 E.L.T.
INSTALLED BRACKETT AIR FILTER

4. UNIT IDENTIFICATION				5. TYPE	
UNIT	MAKE	MODEL	SERIAL NO.	REPAIR	ALTERATION
AIRFRAME	***** (As described in item 1 above) *****				XX
POWERPLANT					
PROPELLER					
APPLIANCE	TYPE				
	MANUFACTURER				

6. CONFORMITY STATEMENT

A. AGENCY'S NAME AND ADDRESS	B. KIND OF AGENCY	C. CERTIFICATE NO.
JOHN A. SICKAFOOSE P.O. BOX 253 Dover, OH 44622	<input checked="" type="checkbox"/> U.S. CERTIFICATED MECHANIC <input type="checkbox"/> FOREIGN CERTIFICATED MECHANIC <input type="checkbox"/> CERTIFICATED REPAIR STATION <input type="checkbox"/> MANUFACTURER	1475588

D. I certify that the repair and/or alteration made to the unit(s) identified in item 4 above and described on the reverse or attachments hereto have been made in accordance with the requirements of Part 43 of the U.S. Federal Aviation Regulations and that the information furnished herein is true and correct to the best of my knowledge.

DATE	SIGNATURE OF AUTHORIZED INDIVIDUAL
Oct 29, 1997	<i>John A. Sickafoose</i>

7. APPROVAL FOR RETURN TO SERVICE

Pursuant to the authority given persons specified below, the unit identified in item 4 was inspected in the manner prescribed by the Administrator of the Federal Aviation Administration and is APPROVED REJECTED

BY	FAA FLT. STANDARDS INSPECTOR	MANUFACTURER	INSPECTION AUTHORIZATION	OTHER (Specify)
	FAA DESIGNEE	REPAIR STATION		

DATE OF APPROVAL OR REJECTION	CERTIFICATE OR DESIGNATION NO.	SIGNATURE OF AUTHORIZED INDIVIDUAL
10/29/97	1475588	<i>John A. Sickafoose</i>

NOTICE
Weight and balance or operating limitation changes shall be entered in the appropriate aircraft record. An alteration must be compatible with all previous alterations to assure continued conformity with the applicable airworthiness requirements.

8. DESCRIPTION OF WORK ACCOMPLISHED (If more space is required, attach additional sheets. Identify with aircraft nationality and registration mark and date work completed.)

Major Alteration:
Removed original CESSNA air filter and installed a BRACKETT model BA8110 filter in accordance with S.T.C. SA71GL.

Major Alteration:
Removed previously installed ALERT 50 E.L.T. and installed an AMBRI-KING model 450 E.L.T. (this unit meets T.S.O. C91a). New E.L.T. was mounted on the aft portion of CESSNA provided radio rack (sta 122) right side. Antenna was mounted on top of fuselage sta 125) through the skin and a doubler of .032" 2024T3 aluminum used to cover the holes where the old E.L.T. was mounted. The remote panel unit was mounted in the instrument panel, right side and the wiring was routed along with an existing wire bundle under the cabin floor. This installation was done in accordance with the supplied instructions and AC43.13-2A, chapter 1, par 1-12, chapter 2, par 21, 22, 24, 28; and chapter 3, par 36, 37, and with reference to figure 3.6.

The aircraft equipment list, weight and balance data and log book were updated to reflect these alterations.
The aircraft was operated throughout it's normal operating range and it was determined that no interference exists between these and any other previously approved installation, modification or alteration.

END

ADDITIONAL SHEETS ARE ATTACHED

FAA APPROVED MODEL LIST (AML) NO. SA71GL
BRACKETT AIRCRAFT CO., INC.
FOR
INSTALLING AIR FILTERS

Issue Date: April 17, 1995

ITEM	AIR FILTER MODEL NUMBER	TOP DRAWING		AIRCRAFT MAKE	AIRCRAFT MODEL	ORIGINAL TYPE CERTIFICATE NUMBER	CERT BASIS	AML AMENDMENT DATE
		NUMBER	REVISION & DATE					
51	BA-7810	BA-7810	A 1/20/86	Beechcraft	95 B95, B95A, D95A	3A16	CAR 3	-----
				*** END OF DATA ***				
52	BA-8010	BA-8010	B 4/5/85	Cessna	180 (Landplane and Seaplane)	5A5	CAR 3	-----
				*** END OF DATA ***				
53	BA-8110	BA-8110	C 1/26/90	Bellanca	14-19-3A, 17-30	1A3	CAR 3	-----
				American Champion	Bellanca (Champion) (Aeronca) 7GCAA, 7GCBC, 7KCAB	A-759	CAR 4a	-----
				American Champion	Bellanca (Champion) 8KCAB, 8GCBC	A21CE	FAR 23	-----
				Cessna	180A/B/C/D/E/F/G/H/J/K	5A6	CAR 3	-----
				Cessna	182/A/B/C/D/E/F/G/H/J/K/L/M/N/P/O/R	3A13	CAR 3	-----
				Cessna	185/A/B/C/D/E, A185E/F	3A24	CAR 3	-----
				Reims Aviation	(Cessna) F182P, F182Q	A42EU	CAR 3	7/12/95
				*** END OF DATA ***				

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United States of America
Department of Transportation — Federal Aviation Administration
Supplemental Type Certificate

Number SA71GL

This certificate, issued to: Brackett Aircraft Company, Inc.
7045 Flightline Drive
Kingman, Arizona 86401

*confirms that the change in the type design for the following product with the limitations and conditions shown as specified herein meets the airworthiness requirements of Part * * * of the Regulations.*

*Original Product — Type Certificate Number: * * * See attached FAA Approved Model List (AML) Model * No. SA71GL for list of approved aircraft Model * models and applicable airworthiness regulations.*

Description of Type Design Change: Installation of air filters in accordance with AML No. SA71GL, dated April 17, 1995, or later FAA approved revision.

Limitations and Conditions: Approval of this change in type design applies to the above aircraft model(s) only. This approval should not be extended to aircraft of this model on which other previously approved modifications are incorporated unless it is determined that the interrelationship between this change and any of those other previously approved modifications will introduce no adverse effect upon the airworthiness of that aircraft. A copy of this Certificate and FAA Approved Model List (AML) No. SA71GL dated April 17, 1995, or later FAA approved revision must be maintained as part of the permanent records for the modified aircraft.

This certificate and the supporting data which is the basis for approval shall remain in effect until a —

is ordered, suspended, revoked, or its termination date is otherwise established by the Administrator of the Federal Aviation Administration

Date of application: January 9, 1975 *Date received:* March 3, 1983
Date of issuance: February 21, 1975 *Date issued:* April 17, 1995

By direction of the Administrator

Manager, Propulsion Branch
Los Angeles Aircraft Certification Office



Any alteration of this certificate is punishable by a fine of not exceeding \$1,000, or imprisonment not exceeding 1 year, or both.

Page 1 of 2