

REVISION TRANSMITTAL

This sheet transmits Revision 2 to SEB-28-04, which:

- A. Expands the T182T Serial Effectivity with *and ON*.

REVISION COMPLIANCE

No Affect: Airplane that have previously complied with the original issue or Revision 1 of this service bulletin are not affected by this revision.

LOG OF REVISIONS

Original Issue	August 19, 2021
Revision 1	October 19, 2021
Revision 2	August 9, 2023

TITLE

FUEL - PLACARD INSTALLATION FOR USE OF VERY LOW LEAD AND UNLEADED AVIATION FUEL

EFFECTIVITY

NOTE: If the airplane has an STC engine installed, please refer to the STC or consult with the STC holder for fuels approved for use with the STC installed engine.

Beechcraft Airplanes

MODEL	SERIAL NUMBERS
A23-19	MB-1 thru MB-288
19A	MB-289 thru MB-460
M19A	MB-461 thru MB-480
B19	MB-481 thru MB-905
23	M-1, M-2, M-4 thru M-554
B23	M-1095 thru M-1284
C23	M-1285 thru M-2392
A23-24	MA-1 thru MA-363
A24R	MC-2 thru MC-150
B24R	MC-152 thru MC-448, MC-450, MC-451
C24R	MC-449, MC-452 thru MC-795
77	WA-1 thru WA-312

Cessna Airplanes (Made 1995 or Earlier)

MODEL	SERIAL NUMBERS
152	15279406 thru 15286033
A152	A15200681, A1500433, A1520735 thru A1521049
F152	F15201429 thru F15201980
FA152	FA1520337 thru FA1520425
172I	17256513 thru 17257161
172K	17257162 thru 17259223
172L	17259224 thru 17260758
172M	17260759 thru 17267584
172N	17267585 thru 17274009
172P	17274010 thru 17276673
172Q	17275869 thru 17276259
172RG	172RG0001 thru 172RG1191

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F172L	F17200805 thru F17201034
F172M	F17201035 thru F17201514
F172N	F17201515 thru F17202039
F172P	F17202040 thru F17202254
177	17700001 thru 17701164
177A	17701165 thru 17701370
177B	17701371 thru 17702752
177RG	177RG0001 thru 177RG1366
F177RG	F177RG0001 thru F177RG0177
R182	R18200001 thru R18202039
FR182	FR18200001 thru FR18200070
T182	18267716 thru 18268541
R182/TR182	R18200584 thru R18202041

Cessna Airplanes (Made 1996 or Later)

MODEL	SERIAL NUMBERS
172R	17280001 thru 17281622
172S	172S8001 and On
182S	18280041, 18280001 thru 18280944
182T	18280945 and On
T182T	T18208001 and On
206H	20608004 thru 20608353
T206H	U20604660, T2068002 and On

REASON

Use of very low lead and unleaded fuel is approved for use and fuel placards can be added to assist with identifying approved fuels.

DESCRIPTION

This service document provides parts and instructions to install fuel placards for very low lead and unleaded fuels. This service document also provides part numbers for flight supplements.

COMPLIANCE

OPTIONAL. This service document can be accomplished at the discretion of the owner.

A service document published by Textron Aviation may be recorded as *completed* in an aircraft log only when the following requirements are satisfied:

- 1) The mechanic must complete all of the instructions in the service document, including the intent therein.
- 2) The mechanic must correctly use and install all applicable parts supplied with the service document kit. Only with written authorization from Textron Aviation can substitute parts or rebuilt parts be used to replace new parts.
- 3) The mechanic or airplane owner must use the technical data in the service document only as approved and published.

- 4) The mechanic or airplane owner must apply the information in the service document only to aircraft serial numbers identified in the *Effectivity* section of the document.
- 5) The mechanic or airplane owner must use maintenance practices that are identified as acceptable standard practices in the aviation industry and governmental regulations.

No individual or corporate organization other than Textron Aviation is authorized to make or apply any changes to a Textron Aviation-issued service document or flight manual supplement without prior written consent from Textron Aviation.

Textron Aviation is not responsible for the quality of maintenance performed to comply with this document, unless the maintenance is accomplished at a Textron Aviation-owned Service Center.

APPROVAL

Textron Aviation received FAA approval for the technical data in this publication that changes the airplane type design.

FLIGHT CREW OPERATIONS

No Changes

CONSUMABLE MATERIAL

You must use the consumable materials that follow, or their equivalent, to complete this service document.

NAME	NUMBER	MANUFACTURER	USE
Clear Polyurethane paint.		Commercially available	To edge seal placards.
Isopropyl Alcohol		Commercially Available	To clean metal surfaces prior to bonding.

TOOLING

No specialized tooling is required to complete this service document.

WEIGHT AND BALANCE INFORMATION

Negligible

REFERENCES

Special Airworthiness Information Bulletin (SAIB) NE-11-55 Grade 100VLL Aviation Gasoline (original issue or latest revision)

Special Airworthiness Information Bulletin (SAIB) HQ-16-05 Fuel - Grade UL94 Unleaded Aviation Gasoline (Revision 1 or latest revision)

NOTE: The SAIB listed are available for download from the Federal Aviation Administration at <https://www.faa.gov/aircraft/safety/alerts/SAIB/>.

PUBLICATIONS AFFECTED

None

ACCOMPLISHMENT INSTRUCTIONS

1. Find the airplane model and engine in the table that follows.
NOTE: Airplanes that have a different engine installed with an STC, contact the STC holder for alternate fuel authorization.
2. (Refer to Table 1 and Figure 1.) Order the applicable placards.
3. (Refer to the Material Information.) If required, order the flight manual supplements that are listed with the placards in the Material Information tables.

4. Clean the surface around the left and right fuel caps with a clean cloth wet with Isopropyl Alcohol.
5. Install the applicable Avgas and Fuel Fill placards near the left and right fuel caps.
NOTE: The placement of the placards is not crucial. It is acceptable to place the placard next to approved fuel placards already installed next to the fuel filler port.
6. Edge seal the placard with clear polyurethane paint.
7. Put the applicable flight manual supplement in the flight manual.
NOTE: Airplanes that have an Owners Manual (not a POH or AFM) do not need a flight manual supplement and only need to install the Fuel Fill and Avgas placards with this Service Bulletin.
8. Make an entry in the airplane logbook that states compliance and method of compliance with this service document.

Reference the table that follows for the applicable placard.

TABLE 1

Manufacturer	Model	Engine(s)	Applicable Placards
Beechcraft	19A	O-320-E2B or -E2C or -E3D	S4374-5 and S4527-4
Beechcraft	M19A	O-320-E2B or -E2C or -E3D	S4374-5 and S4527-4
Beechcraft	B19	O-320-E2B or -E2C or -E3D, or O-360-A4J	S4374-5 and S4527-4
Beechcraft	23	O-320-D2B	S4374-5 and S4527-4
Beechcraft	A23-19	O-320-E2B or -E2C or -E3D	S4374-5 and S4527-4
Beechcraft	A23-24	IO-360-A2B or -A2D or -A1B or -A1D	S4374-6 and S4527-3
Beechcraft	A24R	IO-360-A1B or -A1D	S4374-6 and S4527-3
Beechcraft	B23	O-360-A2G	S4374-5 and S4527-4
Beechcraft	C23	O-360-A4G or -A2G or -A4J or -A4K	S4374-5 and S4527-4
Beechcraft	B24R	IO-360-A1B6	S4374-6 and S4527-3
Beechcraft	C24R	IO-360-A1B6	S4374-6 and S4527-3
Beechcraft	77	O-235-L2C	S4374-5 and S4527-4
Cessna	152	O-235-L2C or -N2C	S4374-5 and S4527-4
Cessna	A152	O-235-L2C or -N2C	S4374-5 and S4527-4
Cessna	F152	O-235-L2C or -N2C	S4374-5 and S4527-4
Cessna	FA152	O-235-L2C or -N2C	S4374-5 and S4527-4
Cessna	172I	O-320-E2D	S4374-5 and S4527-4
Cessna	172K	O-320-E2D	S4374-5 and S4527-4
Cessna	172L	O-320-E2D	S4374-5 and S4527-4
Cessna	172M	O-320-E2D	S4374-5 and S4527-4
Cessna	172N	O-320-H2AD	S4374-6 and S4527-3
Cessna	172P	O-320-D2J	S4374-5 and S4527-4
Cessna	172Q	O-360-A4N	S4374-5 and S4527-4
Cessna	172RG	O-360-F1A6	S4374-5 and S4527-4

Cessna	F172L	O-320-E2D	S4374-5 and S4527-4
Cessna	F172M	O-320-E2D	S4374-5 and S4527-4
Cessna	F172N	O-320-H2AD	S4374-6 and S4527-3
Cessna	F172P	O-320-D2J	S4374-5 and S4527-4
Cessna	177	O-320-E2D	S4374-5 and S4527-4
Cessna	177A	O-360-A2F	S4374-5 and S4527-4
Cessna	177B	O-360-A1F6	S4374-5 and S4527-4
Cessna	177RG	IO-360-A1B6(D)	S4374-6 and S4527-3
Cessna	F177RG	IO-360-A1B6(D)	S4374-6 and S4527-3
Cessna	R182	O-540-J3C5D	S4374-5 and S4527-4
Cessna	FR182	O-540-J3C5D	S4374-5 and S4527-4
Cessna	T182	IO-540-L3C5D	S4374-6 and S4527-3
Cessna	TR182	IO-540-L3C5D	S4374-6 and S4527-3
Cessna	172R	IO-360-L2A	S4374-5 and S4527-4
Cessna	172S	IO-360-L2A	S4374-5 and S4527-4
Cessna	182S	IO-540-AB1A5	S4374-5 and S4527-4
Cessna	182T	IO-540-AB1A5	S4374-5 and S4527-4
Cessna	T182T	TIO-540-AK1A	S4374-6 and S4527-3
Cessna	206H	IO-540-AC1A5	S4374-6 and S4527-3
Cessna	T206H	TIO-540-AJ1A	S4374-6 and S4527-3

MATERIAL INFORMATION

Aircraft approved for minimum grade UL91/UL94/100VLL/100LL/100 fuel order the following placards:

NEW P/N	QUANTITY	KEY WORD	INSTRUCTIONS/ DISPOSITION
S4374-5	2	Placard, Fuel Fill	Install
S4527-4	2	Placard, Avgas	Install
BE-LYC-VLL-UL-SUPP-00	1	Flight Manual Supplement for Beechcraft Airplanes	Place in POH/AFM
CESS-LYC-VLL-UL-SUPP-00	1	Flight Manual Supplement for Cessna Airplanes	Place in POH/AFM

Aircraft approved for minimum grade 100VLL/100LL/100 fuel order the following placards:

NEW P/N	QUANTITY	KEY WORD	INSTRUCTIONS/ DISPOSITION
S4374-6	2	Placard, Fuel Fill	Install
S4527-3	2	Placard, Avgas	Install
BE-LYC-VLL-SUPP-00	1	Flight Manual Supplement for Beechcraft Airplanes	Place in POH/AFM
CESS-LYC-VLL-SUPP-00	1	Flight Manual Supplement for Cessna Airplanes	Place in POH/AFM

NOTE: Airplanes that have an Owners Manual (not a POH or AFM) do not need a flight manual supplement and only need to install the Fuel Fill and Avgas placards with this Service Bulletin.

* Please contact a Textron Aviation Authorized Service Facility for current cost and availability of parts listed in this service document.

B21846



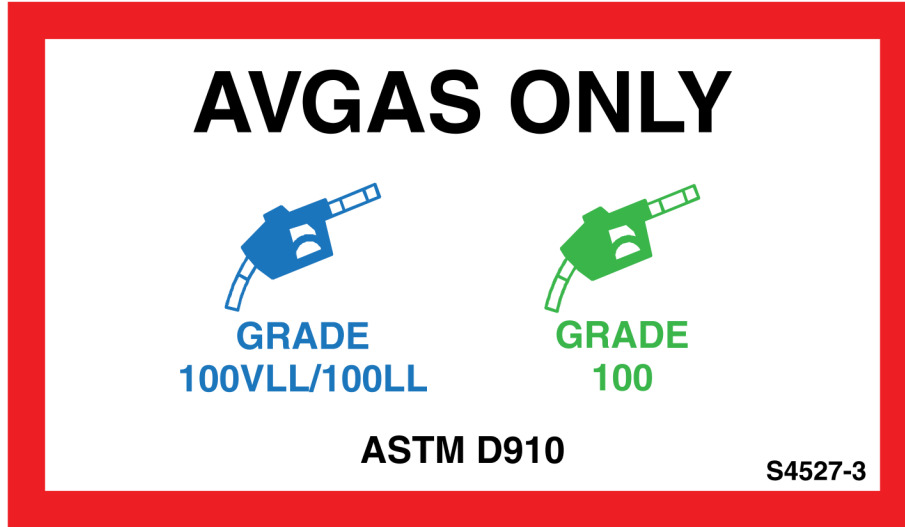
S4374-5 Placard



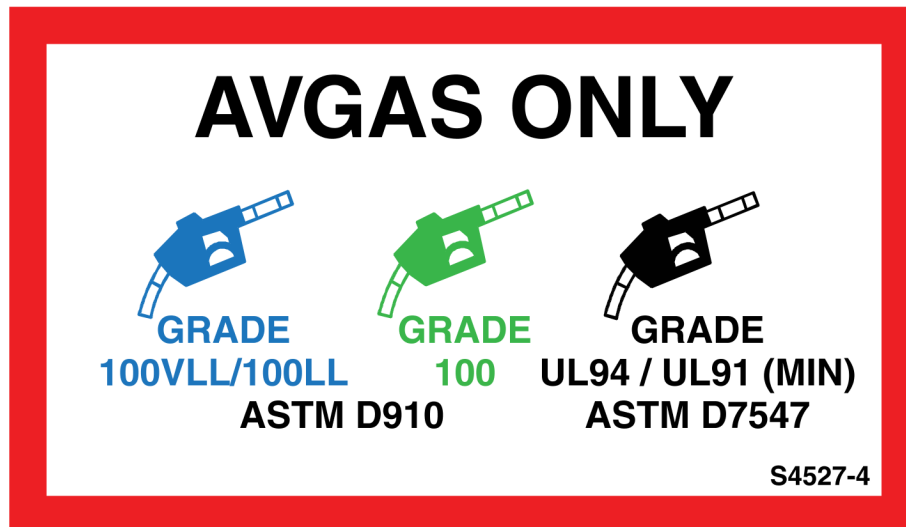
S4374-6 Placard

Figure 1. Fuel Placards (Sheet 1)

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S4527-3 Placard



S4527-4 Placard

Figure 1. Fuel Placards (Sheet 2)

TITLE

FUEL - PLACARD INSTALLATION FOR USE OF VERY LOW LEAD AND UNLEADED AVIATION FUEL

TO:

Aircraft Owner for the Beechcraft and Cessna models that follow:

- Beechcraft: A23-19, 19A, M19A, B19, 23, B23, C23, A23-24, A24R, B24R, C24R, 77
- Cessna: 152, A152, F152, FA152, 172I, 172K, 172L, 172M, 172N, 172P, 172Q, 172RG, 172L, F172M, F172N, F172P, 177, 177A, 177B, 177RG, F177RG, R182, FR182, T182, R182/TR182, 182S, 182T, T182T, 206H, T206H

NOTE: If the airplane has an STC engine installed, please refer to the STC or consult with the STC holder for fuels approved for use with the STC installed engine.

REASON

Use of very low lead and unleaded fuel is approved for use and fuel placards can be added to assist with identifying approved fuels.

COMPLIANCE

OPTIONAL. This service document can be accomplished at the discretion of the owner.

LABOR HOURS

For planning purposes only:

WORK PHASE	LABOR-HOURS
Modification	0.5

MATERIAL AVAILABILITY

PART NUMBER	AVAILABILITY	COST
BE-LYC-VLL-UL-SUPP-00	*	*
BE-LYC-VLL-SUPP-00	*	*
CESS-LYC-VLL-UL-SUPP-00	*	*
CESS-LYC-VLL-SUPP-00	*	*
S4374-5	*	*
S4374-6	*	*
S4527-3	*	*
S4527-4	*	*

* Please contact a Textron Aviation Authorized Service Facility for current cost and availability of parts listed in this service document.

WARRANTY

None

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