
FAA Approved
Airplane Flight Manual Supplement
for
Cirrus SR20/SR22/SR22T Airplanes
with Lithium-Ion Battery Minder

When the lithium-ion battery minder system is installed on the aircraft in accordance with SB2X-24-17, this supplement is applicable and must be inserted in the FAA Approved Airplane Flight Manual (AFM), Section 9, Supplements, and carried in the airplane at all times. Information in this supplement adds to, supersedes, or deletes information in the basic AFM.



TC ODA Administrator, ODA-834662-CE, for
Manager, Flight Test & Human Factors Branch, AIR-710
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Log of Revisions

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Original Issue	Jay Yeakle TC ODA Administrator ODA-834662-CE 12 March 2025	Original Issue.

Section 2 - Limitations

TecMate Optimate Lithium Charger

Charger is to be used in dry environments only. If extension cord is used, 18 gage or heavier must be used for 25 to 50 ft cords, 14 gage or heavier must be used if cord is 100 ft.

Connect DC leads to aircraft prior to plugging into AC power. Unplug AC power before disconnecting DC leads from aircraft.

Section 8 - Handling and Servicing

Electrical System

Battery Minder Connector Installation

A battery minder external charger may be used to keep the starter battery (BAT 1) at an optimal state for future engine starts.

When installed, the battery minder connector is located next to the external power receptacle, behind the external power access door. Function of the external power receptacle is unaffected. Install the cap provided to protect the battery minder connector when not in use.

Connect DC leads to aircraft prior to plugging in AC power. Unplug AC power before disconnecting DC leads to aircraft.

• NOTE •

For operating instructions for the lithium-ion battery minder, refer to the TecMate Optimate Lithium User Guide
P/N TM280-IN1-190529.

EarthX Lithium battery has a battery monitor system (BMS).