



LS-1

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2842 Highway 231 North, Shelbyville, TN 37160

SERVICE BULLETIN	
Service Bulletin #	AASB-1-1-2024
Superseded Bulletin #	AASB-1-6-2012
Issue Date	1-22-2024
Effective Date	1-22-2024
Limitations for Completion	Before next flight
Make & Model Affected	Lightning LS-1 SLSA and ELSA
	Serial # 78 through 153
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5. Level of certification required for SLSA Lightning LS-1.

Any work called for by this letter must be carried out by personnel holding a Light Sport Repairman / Maintenance rating or a licensed A&P mechanic. On completion of the work, the authorized repairman must note the completion of the actions required by this letter in the aircraft's maintenance logbook. This note should specify what work was carried out, reference this Notification, indicate the date of the work and the identity (including license number where appropriate) of the person carrying out the work.

6. Affidavit of Compliance

Installation of a cockpit night lighting system will not change the original certification of the aircraft to F2245. The use of LEDs insures that electrical system consumption is extremely low and does not warrant any proof of loads. The weight increase by the added system is insignificant and does not change the original weight and balance.

Nick Otterback

Chief Manager and LSA compliance officer.

Arion Aircraft LLC





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1. Applicability: Arion Aircraft Produced LS-1 SLSA and ELSA aircraft.

2. Background: All aircraft in the serial number range are certified for Day and Night VFR operations if properly equipped per FAR91.205. However it has been determined that the cockpit lighting is not adequate. Although most EFIS systems produce enough light for cockpit operations, and radio and transponders are backlit, some switches and breakers may not be visible.

3. Compliance with- Implementation Schedule. Before the next flight the aircraft must be placarded against night operations. A placard that is clearly visible must be made and installed where both occupants can read it. Arion Aircraft will be sending finished placards to all registered owners.

For those wanting to remove the Night Flight restrictions from their LS-1 the Aircraft simply must be retrofitted with some sort of cockpit light system. A whole cockpit flood light, or panel mounted post lights are approved. They must adequately illuminate non lighted: switches, breakers, instruments, engine controls.

4. Procedure:

1. Install which ever system is chosen per the light manufacturers provided documentation.
2. Make a note in the aircraft logs that compliance to this SB has been completed.
3. Remove Night restriction placards