



SERVICE LETTER 00139 REV 0

Date Released: September 22, 2026
Date Effective: September 22, 2026
Subject: Alternate Rivet Types
Affected Models: RV-15
Required Action: None
Time of Compliance: None
Supersedes Notice: N/A

Labor Required / SLSA Warranty Allowance: N/A

Level of Certification: N/A

Synopsis:

This document communicates areas where alternate rivet types may be used.

Materials Required:

N/A

Method of Compliance:

Inboard Tank Rivets

In KAI Section 18 and KAI Section 19 AN426AD3 rivets may be substituted with Cherry CCC-32 rivets.

NOTE: CCC-32 Rivets can be difficult to achieve a proper set. (They are especially sensitive to hole size because oversized holes may lead to a mandrel pull through defect.) Common defects may be a missing mandrel or a partially retained mandrel. The mandrel must engage with the full thickness of the joint.

Skin Rivets

Some owners have expressed interest in using flush rivets in place of LP4 rivets. Acceptable alternatives in any wing or empennage skin:

- AK4XH Closed End Countersunk Rivet (Where X represents a number for the grip range of the rivet. AK41H, AK42H and AK43H lengths cover most applications).

- AN426AD RIVET, SOLID, COUNTERSUNK 100°, 2117-T4 AL. ALLOY
- AN426B RIVET, SOLID, COUNTERSUNK 100°, 5056-H32 AL. ALLOY

NOTE: Countersinking that will develop a knife edge shall be avoided.

NOTE: AN470AD rivets shall not be substituted.

NOTE: There are numerous rivets available that are not appropriate for substitution. In particular, CS4 rivets are not equivalent in strength to LP4 rivets. While both rivets are rated for the same shear strength, testing has shown that CS4 rivets begin to yield at a significantly lower load and have a shorter fatigue life than LP4 rivets.

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