



SERVICE LETTER 00084

Date Released: March 19, 2025
Date Effective: March 19, 2025
Subject: Flap Actuator Retrofit
Affected Models: RV-6/6A, RV-7/7A, & RV-9/9A
Required Action: None – Optional change
Time of Compliance: N/A
Supersedes Notice: NONE
Level of Certification: N/A

Synopsis:

Due to the discontinuation of the ES 85615-157-1 Flap Actuator the upgraded ES-FA-PA-270-12-5 Flap Actuator with integral potentiometer will now be offered in its place.

Materials Required:

The following materials are required to complete the steps necessary to achieve compliance with this Service Letter:

Purchase SL-00084 KIT-7/9

Retrofit Considerations:

Note that while RV-6/6A builders/owners could potentially use the RV-7/7A & RV-9/9A plans and instructions and adapt to their installations, there is greater variability in RV-6/6A structures, which implies greater variation in terms of fitment.

Method of Compliance:

NOTE: Using DWG 33 Revision 1, 2, or 3 as part number reference to complete the following.

Step 1: Unscrew and remove the F-760- L & -R Flap Actuator Covers and discard.

Step 2: Remove and discard the AN4-16 bolt and the F-766D Flap Actuator Spacer and upper actuator attach hardware.

Step 3: Remove and discard the F-766A Flap Actuator Channel, F-766B Flap Actuator Angle, F-767 Flap Actuator Attach Plate, and the F-766C Flap Actuator Plate.

Step 4: Remove and save the lower actuator attach hardware for use in the following steps. The ES-85615-157 Flap Actuator can now be discarded.

NOTE: From this point forward follow the revised Electric Flap Installation RV-7,9 DWG 33 and RV-7 or RV-9 Manual Section 8. Some of the steps are only applicable for new builds and can be skipped.

Make a logbook entry indicating compliance with service document per the requirements of the controlling authority/agency.

If you are no longer in possession of this aircraft, please forward this information to the present owner/operator and immediately notify Van's Aircraft, Inc. via email at registrations@vansaircraft.com. Please include the new owner's contact information and date the aircraft ownership transferred.

Information regarding establishing/transferring aircraft ownership, registration and licensing is available at: <https://www.vansaircraft.com/gr/transfer-of-ownership/>