



SERVICE LETTER 00021

Date Released: December 22, 2020
Date Effective: December 22, 2020
Subject: RV-12 Optional Exhaust System Upgrade
Affected Models: RV-12 (legacy model)
All SLSA RV-12 (legacy model)
Required Action: Optional
Time of Compliance: Optional
Supersedes Notice: N/A

Labor Required / SLSA Warranty Allowance: N/A

Level of Certification: SLSA: LSA Repairman Maintenance or A&P
Check the rules of the local controlling authority/agency and the operating limitations for your aircraft.

Synopsis:

An optional exhaust system is available for the RV-12.

Materials Required:

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

- Purchase Part no. EX-00044
- Obtain latest revisions of RV-12 KAI Section 48, RV-12 Maintenance Manual

Method of Compliance:

Step 1: Remove the existing exhaust assembly per the Maintenance Manual and KAI Section 48.

Step 2: Install the EX-00044 per the Maintenance Manual and KAI Section 48.

Step 3: In the RV-12 Maintenance Manual (MM) "INSTALLED EQUIPMENT LIST" table, add "EX-00044" to the "ITEM" column. On the same line Enter 1.15 lb for Weight", 31.50 in for "Arm", add a checkmark to the "INSTALLED" column, and 36.20 in-lb "Moment".

Step 4: Calculate the change to the empty weight, moment, and arm using the values in the previous step. Make an entry on the WEIGHT AND BALANCE RECORD page of the RV-12 Maintenance Manual as follows:

As of this date: ___/___/___ the following values represent current Weight and Balance calculations resulting from the installation of the EX-00044 Exhaust System.

Revised Empty Weight: _____ lbs

Revised Empty Moment: _____ in-lbs

Revised Empty Arm: _____ in

Signed: _____

Step 5: In the RV-12 Pilot Operating Handbook (POH) "YOUR AIRPLANE" table, enter the new values for the Empty Weight, Empty Moment, and Empty Arm.

Step 6: Make a logbook entry indicating compliance with this service document per the requirements of the controlling authority/agency.

Place a copy of this notification in the back of the maintenance manual for your aircraft. Note the addition of this notification to the bottom of the Maintenance Manual table of contents.

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.

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