



SERVICE LETTER 00016

Date Released: August 25, 2020

Date Effective: August 25, 2020

Subject: Garmin Dual Axis Autopilot Option

Affected Models: All RV-12, RV-12iS (SLSA, ELSA, and EAB)

SLSA RV-12iS Aircraft with Serial Numbers 12075 and Later
SLSA RV-12 Aircraft with Serial Numbers between 12001 and 12074 Inclusive

Required Action: Optional

Time of Compliance: Optional

Supersedes Notice: N 18-11-4

Labor Required / SLSA Warranty Allowance:

2.1 Hours (servos only) / N/A
3.6 Hours (servos and optional GMC, 305, 307, or 507) / N/A

Level of Certification: SLSA: LSA Repairman Maintenance or A&P
ELSA: Owner (certification not required)
Check the rules of the local controlling authority/agency and the operating limitations for your aircraft.

Synopsis:

This service letter allows owners of Garmin-equipped aircraft to install the Garmin Autopilot Servo Option. It also allows the optional installation of the GMC 305, GMC 307, or GMC 507 Autopilot Control Module.

Materials Required:

One of the following kits is required to complete this Service Letter.

For RV-12:

<u>Qty</u>	<u>Part Number</u>	<u>Description</u>
1	RV-12 AP-G3XT SERVOS	Autopilot Servo Kit
1	RV-12 AP-G3XT W/GMC	Autopilot Servo Kit w/ GMC 305
1	RV-12 AP-G3XT W/GMC 307	Autopilot Servo Kit w/ GMC 307

For RV-12iS:

<u>Qty</u>	<u>Part Number</u>	<u>Description</u>
1	RV-12 AP-G3XT SERVOS-IS	Autopilot Servo Kit
1	RV-12 AP-G3XT GMC307-IS	Autopilot Servo Kit w/ GMC 307
1	RV-12 AP-G3XT GMC507-IS	Autopilot Servo Kit w/ GMC 507

Method of Compliance:

Step 1: Purchase one of the kits listed above and install in accordance with KAI Section 44B (for RV-12) or 44BiS (for RV-12iS).

Step 2: Make a logbook entry indicating compliance with service document per the requirements of the controlling authority/agency.

Step 3: 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.

NOTE: RV-12iS builders using the GMC 507 must use the WH-00134-1 or WH-00136-1 common harness. RV-12iS builders wishing to use the older GMC 305 or GMC 307 must use the WH-00134 (not WH-00134-1) or WH-00136 (not WH-00136-1) common harness of any revision.

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/>