

Department of Transportation - Federal Aviation Administration

Supplemental Type Certificate

Number **SR02206SE**

This certificate, issued to:

**Garmin International, Inc.
1200 East 151st Street
Olathe, KS 66062**

certifies that the change in the type design for the following product with the limitations and conditions therefore as specified hereon meets the airworthiness requirements of Part 27 of the Federal Aviation Regulations.

Original Product—Type Certificate Number: H11NM
Make: Robinson
Model: R44, R44 II

Description of the Type Design Change: Installation of Garmin G500H Avionics Display System including GDU 620 PFD/MFD, GRS 77H AHRs, GMU 44 Magnetometer, GDC 74H Air Data Computer, and GTP 59 Temperature Probe in accordance with Garmin Master Drawing List (MDL), 005-C0663-00, Revision 2, dated December 5, 2011 or later Federal Aviation Administration (FAA) approved revision and Rotorcraft Flight Manual Supplement (RFMS) for G500H in the Robinson R44, 190-01190-12, Revision 1, dated January 5, 2012 or RFMS for G500H in the Robinson R44 II, 190-01190-13, Revision 1, dated January 5, 2012 or later FAA-approved revisions.

Limitations and Conditions:

1. Compatibility of this design change with previously approved modifications must be determined by the installer.
2. A copy of this certificate must be maintained as part of the permanent records for the modified rotorcraft.
3. Rotorcraft modified by this STC must be operated in accordance with the RFMS identified above.
4. Rotorcraft modified by this STC must be maintained in accordance with the Instructions for Continued Airworthiness (ICA) listed in the MDL identified above.
5. If the holder agrees to permit another person to use this certificate to alter the product, the holder shall give the other person written evidence of that permission.

(See Continuation Sheet, Page 3 of 3 Pages)

This certificate and the supporting data which is the basis for approval shall remain in effect until surrendered, suspended, revoked, or a termination date is otherwise established by the Administrator of the Federal Aviation Administration.

Date of application: March 22, 2011 *Date reissued:* August 10, 2016
Date of issuance: January 20, 2012 *Date amended:*



By direction of the Administrator

(Signature)

ODA STC Unit Administrator, ODA-240087-CE

(Title)

Any alteration of this certificate is punishable by a fine of not exceeding \$1,000, or imprisonment not exceeding 3 years, or both.

This certificate may be transferred in accordance with FAR 21.47.

INSTRUCTIONS: The transfer endorsement below may be used to notify the appropriate FAA Regional Office of the transfer of this Supplemental Type Certificate.

The FAA will reissue the certificate in the name of the transferee and forward it to them.

TRANSFER ENDORSEMENT

Transfer the ownership of Supplemental Type Certificate Number _____

To: *(Name of Transferee)*

(Address of Transferee)

(Number and Street)

(City, State, and ZIP Code)

From: *(Name of Grantor) (Print or Type)*

(Address of Grantor)

(Number and Street)

(City, State, and ZIP Code)

Extent of Authority (if licensing agreement): _____

Date of Transfer: _____

Signature of Grantor *(In Ink)*: _____

Department of Transportation - Federal Aviation Administration

Supplemental Type Certificate

(Continuation Sheet)

Number SR02206SE

Garmin International, Inc.

Issued: January 20, 2012

Reissued: August 10, 2016

Amended:

Limitations and Conditions continued:

*Certification Basis

The original certification basis for the R44, R44 II is Part 27 as shown on the Type Certificate Data Sheet, H11NM. The certification basis applied to this modification is listed below.

Section	Amdt		Section	Amdt
27.1 (a)(b)	27-37		27.1317 (b)(c)	27-42
27.2 (a)(2)	27-37		27.1321 (a)(c)(d)	27-13
27.301 All	Orig.		27.1322 All	27-11
27.303	Orig.		27.1323 (a)	27-13
27.305 All	Orig.		27.1325 (a)	27-13
27.307 (a)	27-26		27.1327 (a)	27-13
27.337 All	27-26		27.1351 (a)	27-13
27.561 (a)(b)(3)(c)	Orig.		27.1357 (a)(b)(c)(d)	27-13
27.601 (a)(b)	Orig.		27.1365 All	27-35
27.603 All	27-16		27.1367 All	Orig.
27.605 (a)	27-16		27.1381 All	Orig.
27.607 (a)	27-4		27.1501 All	27-14
27.609 All	Orig.		27.1523 All	Orig.
27.610 All	27-37		27.1525	27-21
27.611 (a)(b)	Orig.		27.1529	27-18
27.613 All	27-26		27.1541 All	Orig.
27.771 (a)	Orig.		27.1543 (b)	Orig.
27.773 (a)(1)(b)	Orig.		27.1545 All	27-16
27.777 All	Orig.		27.1555 (a)	27-21
27.785 (a)(b)(1)(e)	27-21		27.1559	27-21
27.853 (a)	27-37		27.1581 (a)(b)(d)	27-14
27.1301 (a)(b)(c)(d)	Orig.		27.1583 (d)(e)	27-16
27.1303 All	Orig.		27.1585 (a)	27-21
27.1309 (a)(c)	27-46		-----	-----

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