



R44 SERVICE BULLETIN SB-117

DATE: 27 January 2025

TO: R44-series Owners, Operators, and Maintenance Personnel

SUBJECT: Statement to Accompany AD 2023-11-07

ROTORCRAFT AFFECTED: R44-series Helicopters equipped with a radar altimeter operating in the US and other countries implementing AD 2023-11-07 or equivalent.

TIME OF COMPLIANCE: Within next 100 flight hours or by 31 March 2025.

BACKGROUND: The FAA and other aviation authorities have issued airworthiness directives placing restrictions on the operation of aircraft with radar altimeters not protected from 5G C-Band wireless broadband transmission interference. These airworthiness directives require the addition of a page to the limitations section of the flight manual of affected aircraft. All R44-series helicopters equipped with radar altimeters are affected and require this page. This service bulletin requires verification that the page has been added to the applicable R44 Pilot's Operating Handbook on all affected R44's. See [Statement to Accompany AD 2023-11-07](#) for additional information.

COMPLIANCE PROCEDURE:

1. If helicopter is equipped with radar altimeter and operating in the US or other countries implementing an airworthiness directive equivalent to AD 2023-11-07, verify the inclusion of the Radio Altimeter Flight Restrictions page (shown on page 2 of this bulletin) before the table of contents page of the Limitations Section of the applicable R44 Pilot's Operating Handbook. If not already included, print and insert page provided on page 2 of this bulletin.
2. Make appropriate maintenance record entries.

APPROXIMATE COST:

Parts: None required (Radio Altimeter Flight Restrictions page included as part of Bulletin).

Labor: 0.2 labor-hour.

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(Required by AD 2023-11-07)

Radio Altimeter Flight Restrictions

To be inserted before the table of contents page of the Limitations Section for all Robinson helicopters with radio (radar) altimeters.

Due to the presence of 5G C-Band wireless broadband interference, when operating in the contiguous U.S. airspace, the following operations requiring radio altimeter are prohibited:

- Performing approaches that require radio altimeter minimums for rotorcraft offshore operations. Barometric minimums must be used for these operations instead.
- Engaging hover autopilot modes that require radio altimeter data.
- Engaging Search and Rescue (SAR) autopilot modes that require radio altimeter data.
- Performing takeoffs and landings in accordance with any procedure (Category A, Category B, or by Performance Class in the Rotorcraft Flight Manual or Operations Specification) that requires the use of radio altimeter data.

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FAA APPROVED: 27 JAN 2025

