

(a) Effective Date

This airworthiness directive (AD) is effective August 28, 2026.

(b) Affected ADs

None.

(c) Applicability

This AD applies to BRP-Rotax GmbH & Co KG (formerly BRP-POWERTRAIN GMBH & CO KG and Bombardier-Rotax GmbH) (Rotax) Model 912 F2, 912 F3, 912 F4, 912 iSc2 Sport, 912 iSc3 Sport, 912 S2, 912 S3, 912 S4, 914 F2, 914 F3, and 914 F4 engines; and Model 912 A1, 912 A2, and 912 A3 engines installed on the aircraft identified in Table 1 to paragraph (c) of this AD that were included as part of the aircraft's type certification basis; with an installed propeller gearbox that meets the criteria of paragraphs (c) (1) or (2) of this AD.

Table 1 to Paragraph (c)—Airplanes With Affected Engines

Type certificate holder	Aircraft model	Engine model
Aeromot-Industria Mecanico-Metalurgica Ltda	AMT-200 (Super Ximango)	912 A2.
Diamond Aircraft Industries	HK 36 R “SUPER DIMONA”	912 A1.
Diamond Aircraft Industries GmbH	HK 36 TC & HK 36 TS	912 A3.
Diamond Aircraft Industries Inc	DA20-A1	912 A3.
HOAC-Austria	DV 20 KATANA	912 A3.
Magnaghi Aeronautica S.p.A	Sky Arrow 650 TC	912 A2.
SCHEIBE-AIRCRAFT-GMBH	SF 25C	912 A2 or 912 A3.

(1) Installed initially (on delivery) on engines with a propeller gearbox installed having a serial number identified in Chapter 4) Appendix, paragraph 4.1) Gearbox installed on engines, of Rotax Alert Service Bulletin ASB-2026-001R00, dated June 22, 2026 (Rotax Alert Service Bulletin ASB-2026-001R00); or

(2) Delivered as a spare part with a propeller gearbox installed having a serial number identified in Chapter 4) Appendix, paragraph 4.2) Gearbox supplied as spare parts, of Rotax Alert Service Bulletin ASB-2026-001R00.

(d) Subject

Joint Aircraft System Component (JASC) Code 8510, Reciprocating Engine Front Section.

(e) Unsafe Condition

This AD was prompted by a report of an oil spray nozzle and certain screws that were not installed on the propeller gearbox. The FAA is issuing this AD to detect and address the oil spray nozzle and screws that were not installed on the propeller gearbox. The unsafe condition, if not addressed, could result in an in-flight loss of engine oil, engine in-flight shutdown, and loss of control of the airplane.

(f) Compliance

Comply with this AD within the compliance times specified, unless already done.

(g) Required Actions

(1) Within the following compliance times, perform a visual inspection of the propeller gearbox for the oil spray nozzle assembly and for the M7X16 hexagon screws in accordance with Chapter 3.5) Maintenance (Heavy)-related information, paragraph 3.5.1) Inspection of the propeller gearbox-912 (Series); or Chapter 3.5) Maintenance (Heavy)-related information, paragraph 3.5.2) Inspection of the propeller gearbox-914 and 912 i (Series), depending on the model and configuration of your engine, of Rotax Alert Service Bulletin ASB-2026-001R00.

(i) For engines that have accumulated less than 25 hours time-in-service (TIS) before further flight after the effective date of this AD.

(ii) For engines that have accumulated 25 hours or more TIS, within 5 hours TIS after the effective date of this AD.

(2) If, during the inspection required by paragraph (g)(1) of this AD, the oil spray nozzle assembly or the M7X16 hexagon screws are not present, before further flight, replace the affected propeller gearbox in accordance with Chapter 3.5) Maintenance (Heavy)-related information, paragraph 3.5.3) Replacement of the propeller gearbox of Rotax Alert Service Bulletin ASB-2026-001R00.

(h) Installation Prohibition

After the effective date of this AD, do not install a propeller gearbox having a serial number identified in Chapter 4) Appendix, paragraph 4.1) Gearbox installed on engines, or Chapter 4) Appendix, paragraph 4.2) Gearbox supplied as spare parts, of Rotax Alert Service Bulletin ASB-2026-001R00, on any engine, unless it has been inspected in accordance with paragraph (g) of this AD.

(i) Terminating Action

Replacement of the propeller gearbox in accordance with paragraph (g)(2) of this AD constitutes terminating action for the visual inspection required by paragraph (g)(1) of this AD if done at the same time or before the compliance time that the inspection is required.

(j) Alternative Methods of Compliance (AMOCs)

The Manager, International Validation Branch, FAA, has the authority to approve AMOCs for this AD, if requested using the procedures found in 14 CFR 39.19. In accordance with 14 CFR 39.19, send your

request to your principal inspector or local Flight Standards District Office, as appropriate. If sending information directly to the manager of the International Validation Branch, send it to the attention of the person identified in paragraph (k) of this AD and email to AMOC@faa.gov. Before using any approved AMOC, notify your appropriate principal inspector, or lacking a principal inspector, the manager of the local flight standards district office/certificate holding district office.

(k) Additional Information

For more information about this AD, contact Joseph Catanzaro, Aviation Safety Engineer, FAA, 1600 Stewart Avenue, Suite 410, Westbury, NY 11590; phone: (516) 228-7366; email: joseph.catanzaro@faa.gov.

(l) Material Incorporated by Reference

(1) The Director of the Federal Register approved the incorporation by reference of the material listed in this paragraph under 5 U.S.C. 552(a) and 1 CFR part 51.

(2) You must use this material as applicable to do the actions required by this AD, unless the AD specifies otherwise.

(i) BRP-Rotax GmbH & Co KG (Rotax) Alert Service Bulletin ASB-2026-001R00, dated June 22, 2026.

(ii) [Reserved]

(3) For Rotax material identified in this AD, contact BRP-Rotax GmbH & Co KG, Rotaxstrasse 1, Gunskirchen, Austria; phone: +43 7246 601 0; website: flyrotax.com.

(4) You may view this material at the FAA, Airworthiness Products Section, Operational Safety Branch, 10101 Hillwood Parkway, Fort Worth, TX 76177. For information on the availability of this material at the FAA, call (817) 222-5110.

(5) You may view this material at the National Archives and Records Administration (NARA). For information on the availability of this material at NARA, visit www.archives.gov/federal-register/cfr/ibr-locations or email fr.inspection@nara.gov.