



# Civil Aviation Authority

## EMERGENCY MANDATORY PERMIT DIRECTIVE

**Number: 2025-006-E**

Issue date: 04 December 2025



**In accordance with 41(1) of Air Navigation Order 2016 as amended the following action required by this Mandatory Permit Directive (MPD) is mandatory for applicable aircraft registered in the United Kingdom operating on a UK CAA Permit to Fly.**

**Design Approval Holder's Name:**

BRP-ROTAX GmbH & Co KG

**Type/Model Designation(s):**

Rotax 915iS and 916iS engines

Effective Date:	06 December 2025
TADS / AAN (as applicable):	N/A
Foreign AD (if applicable):	EASA EAD 2025-0267-E (certified engine variants)
Supersedure:	N/A

### ATA 72 – Engine – Propeller Gearbox – Inspection

#### Manufacturer(s):

BRP-Rotax GmbH & Co KG (BRP-Rotax), formerly BRP-Powertrain GmbH & Co. KG, Bombardier-Rotax GmbH & Co. KG, Bombardier-Rotax GmbH

#### Applicability:

Rotax 915 iS A, 915 iS C24, 916 iS A, and 916 iS C24 series engines, all models, all serial numbers (s/n).

These engines are known to be installed on various general aviation aeroplanes, microlights, and gyroplanes. Installation of these engines was done either by the respective aircraft manufacturers or amateur constructors or through a modification of the aircraft.

#### Definitions:

For the purpose of this Emergency MPD, the following definitions apply:

**The Alert Service Bulletin (ASB) for Type Certified engines:** BRP-Rotax Alert Service Bulletin (ASB) ASB-915 i-021R1 / ASB-916 i-009R1 (Revision 1, published as a single document on 27 November 2025).

**The ASB for non-Type Certified engines:** ASB-915 i-021iS R1 / ASB-916 i-009iS R1 (Revision 1, published as a single document on 27 November 2025).

**Note:** Although this MPD only covers non-type certified engines, further detail, instructions, and affected serial numbers are listed in the ASB for type certified engines.

**Serviceable gearbox:** A propeller gearbox, having part number (P/N) 686810 (916 i series engines) or P/N 686790 (915 i series engines) which match at least one of the following conditions:

- A) has passed (no discrepancy found; or applicable corrective action(s) accomplished) the inspection in accordance with the instructions of the ASB;
- B) has been manufactured after 18 November 2025, or has been overhauled after 18 November 2025;
- C) has a s/n that is not listed in Chapter 4, Appendix of the ASB, or later approved revision.

**Affected (suspect) gearbox:** A propeller gearbox that is not a serviceable gearbox, as defined in this MPD.

**Groups:** Group 1 engines are those having installed a propeller gearbox having a s/n listed in Chapter 4, Appendix of the ASB. Group 2 engines are those which are not Group 1.

**Reason:**

An occurrence was reported, where on a recently manufactured engine it was found that the M40 x 1.5 collar nut had not been installed on the propeller gearbox; a deficiency which (in the worst case) may result in the propeller shaft being pulled out of the gearbox housing during operation.

This condition, if not detected and corrected, could lead to an in-flight engine failure and/or loss of propeller retention, possibly resulting in loss of control of the aeroplane.

To address this potential unsafe condition, BRP-Rotax published the ASB, as defined in this MPD, to provide instructions for inspection of the propeller gearbox and applicable corrective action(s).

For the reason described above, this Emergency MPD requires inspection of the propeller gearbox and, depending on findings, accomplishment of corrective action(s).

**Required Action(s) and Compliance Time(s):**

Required as indicated by this MPD, unless the action(s) required by this MPD have been already accomplished:

**Inspection:**

- (1) For Group 1 engines: Before next flight after the effective date of this MPD, accomplish an inspection of the propeller gearbox in accordance with the instructions of the ASB (as defined in this MPD).

**Corrective Action(s):**

- (2) If, during any operational check, as required by paragraph (1) of this MPD, it is determined that the collar nut M40 x 1.5 is missing, before next flight, accomplish the applicable corrective action(s) in accordance with the instructions of the ASB.
- (3) Replacement of an affected (suspect) propeller gearbox of an engine with a serviceable gearbox (as defined in this MPD) is an acceptable alternative method to comply with the requirements of the paragraphs (1) and (2) of this MPD, as applicable, for that engine.

**Parts Installation:**

- (4) For Group 1 and Group 2 engines: From the effective date of this MPD, do not install an affected (suspect) gearbox, as defined in this MPD, on any engine.

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**Reference Publications:**

ASB-915 i-021 R1 / ASB-916 i-009 R1 Revision 1 dated 27 November 2025

ASB-915 i-021iS R1 / ASB-916 i-009iS R1 Revision 1 dated 27 November 2025

The use of later approved revisions of the above-mentioned documents are acceptable for compliance with the requirements of this MPD.

**Remarks:**

1. The safety assessment has warranted immediate publication and notification without implementing the full consultation process.
2. If requested and appropriately substantiated, the CAA can approve Alternative Methods of Compliance for this MPD.
3. Information about any failures, malfunctions, defects or other occurrences, which may be similar to the unsafe condition addressed by this MPD, and which may occur, or have occurred on a product, part or appliance not affected by this MPD, can be reported to the [CAA aviation safety reporting system](#). This may include reporting on the same or similar components, other than those covered by the design to which this MPD applies, if the same unsafe condition can exist or may develop on an aircraft with those components installed.
4. Enquiries regarding this MPD should be referred to: [ga@caa.co.uk](mailto:ga@caa.co.uk).
5. For any questions concerning the technical content of the requirements in this MPD, please contact: BRP-Rotax GmbH & Co KG, Telephone: +43 7246 601 0, Fax: +43 7246 601 9130, E-mail: [airworthiness@brp.com](mailto:airworthiness@brp.com), Website [www.flyrotax.com](http://www.flyrotax.com).