



Civil Aviation Authority

MANDATORY PERMIT DIRECTIVE

Number: 2024-003

Issue date: 18 December 2024



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.

Type/Design Approval Holder's Name:

PEGASUS SPORT AVIATION LTD

Type/Model Designation(s):

Quik, QuikR, Quik GTR, GT450, Quantum

Effective Date:	20 December 2024
TADS / AAN (as applicable):	BM80, BM77, BM70, BM66 BM56, BM50 and BM46
Foreign AD (if applicable):	Not Applicable
Supersedure/Revision	Not Applicable

Engine Ignition – Starter Inhibitor Switch – Modification

Manufacturer(s):

Pegasus Sport Aviation Ltd and P&M Aviation Ltd.

Applicability:

All Electric Start Quik, QuikR, Quik GTR, GT450, Quantum Microlights.

Definitions:

For the purposes of this MPD, the following definitions apply:

The SB:

Pegasus Sport Aviation Ltd Service Bulletin Number 159 – All Electric Start Quik, QuikR, Quik GTR, GT450 and Quantum – Starter Inhibitor Switch, dated 10 August 2024 (Issue 3).

Reason:

P&M Aviation Modification 112 was introduced on 05 November 2003 to fit a microswitch into the hand throttle assembly which inhibits the starter solenoid circuit when the hand throttle is open. However, the modification was not declared mandatory or compulsory at the time.

In light of a recent accident and an unsafe condition being identified, the Type Approval Holder and the Air Accidents Investigation Branch (AAIB) strongly recommends the embodiment of this modification. This condition, if not corrected, could lead to inadvertent starting of the engine, possibly resulting in loss of life.

This MPD requires embodiment of P&M Aviation Modification 112 in accordance with Issue 3 of the SB, in order to correct the unsafe condition.

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

- 1) No later than 25 hours or 6 months from the effective date of this MPD, whichever occurs first, embody P&M Aviation Modification 112 in accordance with the SB.
- 2) Affected aircraft which have embodied P&M Aviation Modification 112 prior to the issuance of the SB and this MPD will require a logbook entry signed by a qualified person (BMAA Inspector or Approved Maintainer).
- 3) Embodiment of P&M Aviation Modification 112 in accordance with Issue 3 of the SB constitutes terminating action to this MPD.

Reference Publications:

Pegasus Sport Aviation Ltd Service Bulletin Number 159 – All Electric Start Quik, QuikR, Quik GTR, GT450 and Quantum – Starter Inhibitor Switch, dated 10 August 2024 (Issue 3).

The use of later approved revisions of this document 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, 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
5. For any questions concerning the technical content of the requirements in this MPD, please contact: Pegasus Sport Aviation Ltd – info@pegasussportaircraft.co.uk