
MODIFICATIONS

1. Modifications

In general all modifications to BMAA aircraft require approval. The Permit to Fly is issued/revalidated on the basis that the aircraft is to an approved design. If an aircraft is modified the design is changed and the modification must be approved if the Permit to Fly is to remain valid. An aircraft incorporating an unapproved modification may not be legally flown on its Permit to Fly (or Check Flown for revalidation of its Permit to Fly).

2. Previously approved modifications

This section describes those types of modification that have either been previously approved (or are pre-approved) and can be incorporated into aircraft with reduced requirements.

2.1 Approved Optional Modifications

Modifications listed as Approved Optional Modifications in the TADS/HADS for an aircraft type have already been approved and may be incorporated without further approval from the aircraft manufacturer or the BMAA. Approved Optional Modifications are analogous to the 'options list' provided by a car manufacturer.

Incorporation of Approved Optional Modifications must be in strict accordance with the installation data provided by the aircraft manufacturer. Incorporation must be recorded in the airframe logbook and signed-off by a BMAA Inspector.

If an Approved Optional Modification is fitted that is not listed in the TADS/HADS, written confirmation that the modification is nonetheless applicable to the aircraft type must be obtained from the aircraft manufacturer and kept with the aircraft records.

2.2 BMAA Standard Minor Modifications

Some common, simple modifications (e.g. radio fitments) are the subject of BMAA Standard Minor Modifications. A Standard Minor Modification is a document containing a description of permitted / pre-approved options and a checklist to be completed by the owner and a BMAA Inspector, which must then be submitted to the BMAA.

BMAA Standard Minor Modifications necessarily only contain a limited number of permitted options. This does not restrict members as a modification that falls outside the terms of a Standard Minor Modification may still be approved as a one-off BMAA Modification.

Unlike other BMAA Modifications, Standard Minor Modifications may be applied for with a Permit revalidation application.

2.3 BMAA 'Series' Modifications

BMAA Modifications that were both well defined by the original applicant and for which quality control procedures have been put in place are defined as 'series' modifications. Subsequent applicants apply for these in the same way as one-off BMAA Modifications but do not need to provide a technical justification.

BMAA 'Series' Modifications may not be applied for with a Permit revalidation application.

3. BMAA 'One-off' Modifications

Modifications are applied for using BMAA Form AW/002a¹.

A BMAA Inspector must be nominated to oversee and sign-off a BMAA modifications. The nominated Inspector must sign the application form.

BMAA 'One-off' Modifications may not be applied for with a Permit revalidation application.

¹ BMAA Form AW/002a – Initial Application for Assessment by BMAA of a Proposed Microlight Aircraft Modification.