



LAA/MOD 2
MODIFICATION INITIAL PROPOSAL
 Issue 5

Mod No. (Office use only)

This form is used to give notice of a proposed modification so that LAA Engineering can advise on the required minimum content of the Modification Application, see [TL 3.01](#).

This form may be printed out, completed by hand and either posted to LAA Engineering or scanned and emailed to engineering@laa.uk.com, or it may be completed electronically, saved and emailed as an attachment to the same email address. If emailed without the owner's signature, it must be sent by the aircraft owner. Please retain a copy of the completed form for your records.

1. AIRCRAFT DETAILS

Registration	Type	Serial Number
G -		

2. APPLICANT DETAILS (Note: Applicant must be a 'Full plus' member)

Applicant's Name	Membership No.	
Name and address of person to be contacted regarding this modification:		
Daytime Telephone Number:		e-mail:

3. MODIFICATION DETAILS

Title:			
Purpose :			
Brief description of proposed modification: (30 words max)			
Does this mod appear on any similar aircraft?	YES	NO	
	If yes, which one?		
Describe any variations to previous mod.			

4. PREDICTED WEIGHT AND BALANCE EFFECT ON AIRCRAFT

Date of current W&B report:	Weight (lb/kg)	CG (in/mm)	Moment
A/C pre-mod			
+/- weight change		(moment arm)	
= A/C post-mod			



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5. DESIGN CONSIDERATIONS

Will the proposed modification affect any of the following? If 'yes', then submit proposals, in the section provided, for how you will demonstrate that the modified aircraft is nevertheless airworthy. Normally this involves showing compliance with applicable paragraphs of the design requirements, e.g. CS-VLA, BCAR Section T or Section S.

* In the case of additional equipment being installed, equipment qualification, proof of functionality, integrity of mountings and its operating environment must also be considered.

The integrity of the airframe	YES	NO
The flying control system	YES	NO
The occupant restraint system	YES	NO
Aircraft crashworthiness	YES	NO
Any part of the undercarriage installation	YES	NO
Any part of the engine installation (including reduction drive)	YES	NO
The fuel or oil system	YES	NO
The engine control system	YES	NO
The propeller and its installation	YES	NO
The flight handling qualities	YES	NO
Aircraft performance	YES	NO
Aerodynamics	YES	NO
Ground handling qualities	YES	NO
Aircraft noise levels	YES	NO
The electrical system	YES	NO
The radio installation	YES	NO
Instrumentation and systems setup	YES	NO
Additional equipment*	YES	NO
Pilot's Operating Handbook	YES	NO
Maintenance Manual	YES	NO



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Proposals for how modification details will be presented with modification application. e.g. text, drawings, photographs, etc.

For each of the affected areas identified in section 5, describe your proposals for how the airworthiness of the modified aircraft will be demonstrated. e.g. compliance with a recognised design code, normal aviation practice, safety comparison with existing design, service experience in other countries.

6. IMPLEMENTATION

Is the proposed modification currently fitted to the aircraft? (Note that once installed, the aircraft may not be flown until permission given)	YES	NO
If yes, briefly describe any other work needed for the aircraft to be ready for flight (e.g. finish re-build)		
If no, when do you intend to fit the modification?		



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7. DESIGN SUPPORT

In many cases you will be required to obtain a declaration of "no technical objection" from the Designer of your aircraft regarding the modification that you intend to install.		
Has the designer agreed to co-operate with you over this modification?	YES	NO
Do you have access to any other design capability?	YES	NO
If yes, please give brief details.		

8. INSPECTION SUPPORT

In many cases your inspector will be required to supervise testing and confirm compliance with the requirements. You must discuss your proposal with your inspector prior to submitting this form: we may contact him/her for their opinion.			
My inspector is: (Name)		LAA inspector no.	
Has your inspector agreed to co-operate with you over this modification?		YES	NO

9. FUNCTION AND FLIGHT TEST PROPOSALS

In many cases a modification will require in-depth function and flight testing and this often requires the involvement of a suitably qualified test pilot and may dictate the standard of the airfield chosen. State your proposals for function and flight testing the modification.

10. PROPOSED FLIGHT TEST DETAILS

Test Pilot	Total hrs PIC	Hrs on type	Airfield

11. OWNER'S DECLARATION

I declare that the foregoing information is correct and I agree to abide by any conditions pertaining to this modification.	
I agree that this modification, if approved, can be used free of charge by others.	
Name (owner): (on behalf of all the owners)	
Signature:	
Date:	

Note: a signature is not required if the owner is submitting this form by email; however, by submitting the application, you signify that you agree with the Owner's Declaration.

If this mod is successful, are you willing to allow potential applicants wishing to fit the same mod to their aircraft to contact you? YES / NO
If so, which means of contact is acceptable to be published on the LAA's web site? home phone <input type="checkbox"/> , mobile phone <input type="checkbox"/> , email <input type="checkbox"/> , address <input type="checkbox"/> [Tick whichever apply]