

Safety Recommendation Number:	IRLD2017008
AAIU Event Reference:	IRL00916030
AAIU Report Number:	2017-009
Date of Publication of Safety Recommendation:	20/09/2017
Safety Recommendation Status:	Implemented, closed

Safety Recommendation:

The UK Light Aircraft Association (LAA) should consider developing fuel tank inspection instructions for aircraft for which it has oversight that are fitted with composite fuel tanks, for action by its members and verify compliance with the instructions during the Permit to Fly validity certificate renewal process.

Response:

December 2017

On 7 December 2017 the UK LAA responded to the AAIU advising as follows:

"As part of the LAA's ongoing safety response into a number of issues surrounding the use of Mogas (and ongoing inspection protocols with aging equipment), the LAA has just published two Airworthiness Information Leaflets (AIL). The first, relates to a mandatory removal and inspection of the fuel filler pipe on all Europa aircraft, which is available at the following link:

<http://www.lightaircraftassociation.co.uk/engineering/Fuel%20Filler%20Pipe.pdf>

The second AIL relates to the prohibition of Mogas in wet wing Jabiru aircraft due to issues with softening in the wing skins via a mechanism that is still not fully understood. The following Airworthiness Alert contains links to the two AILs published covering this issue:

<http://www.lightaircraftassociation.co.uk/engineering/J400%20Mogas%20Prohibition.pdf>

All AILs are sent directly to owners and the issues are normally covered in the Safety Spot article in the LAA's Light Aviation magazine.

In addition to the above, the reference material available to owners, should they wish to continue to use (or begin using) Mogas, has been updated to take note of the Mogas prohibition (as has the checklist which requires an LAA Inspector sign off). Below are links to these documents:

<http://www.lightaircraftassociation.co.uk/engineering/TechnicalLeaflets/Operating%20An%20Aircraft/TL%202.26%20Procedure%20for%20using%20E5%20Unleaded%20Mogas.pdf>

<http://www.lightaircraftassociation.co.uk/engineering/Mogas/Inspection%20Checklist%20-%20Jabiru%203300%20E5%20unleaded.pdf> "

AAIU Comment:

The AAIU considers the status of this recommendation as "Implemented, closed"