

	STANDARD FORM	Mod No. C42/019
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	Modification Leaflet	Compiled : M.Scruby
	Issue 1	Approved : A.Moore

TITLE : **Flying with Doors Removed**

APPLICABILITY : Ikarus C42, FB80K, FB100K, FB80VLA, FB100VLA
 Mod Type : New Build and Retro-fit

1. Introduction

This modification allows the aircraft to be flown with doors removed to a reduced speed envelope. Both doors must be removed. It is not permissible to remove just one door. Ensure when flying with the doors removed that there are no loose items, take special care to check under the seats. Items stowed under the seat must be in a soft container that is unable to slide forward or interfere with the throttle (A suitable container is available from the manufacturer). Also wear suitable clothing that will not flap or flail around in the cockpit. It is recommended that maps are placed in a suitable map holder that can be anchored to the pilot or passenger.

2. Parts List

Qty	Part No.	Description	Source
1	PL-019	Placard	Aerosport Ltd 01384 221550

3. Actions

Follow the instructions for removing and replacing the doors.

1. Open door and remove safety clip from gas strut and safety ring from rear clevis pin but do not unclip gas strut or remove clevis pin at this stage.
2. Place a piece of tape over the hinge bolt to prevent it turning in or out.
3. Carefully support the door and unclip the door strut ball joint then remove the clevis pin.
4. Carefully slide the door off the front locating spigot & store the door somewhere safe.
5. Install Placard P/No PL-019 to a location near the existing speed restriction placard in the direct view of the pilot.
6. Re-fitting the doors is simply a reversal of the above steps except that the placard need not be removed. Ensure all safety rings and clips are refitted.
7. Inspector to inspect and verify conformity and workmanship.

4. Flight Test and Special Inspections

Conduct a standard post-maintenance air test authorised under a PMR by a LAA Inspector.

5. Weight and Balance

The doors have a combined weight of 6.4 kg at the same CG as the pilot's seat. When removing and replacing the doors, the weight and balance is to be amended to reflect this and certified by a LAA inspector.

6. Certification

Make appropriate log book entry approved by LAA inspector.