

	<b>Standard Modification</b> Issue 1	Mod No. SM11121
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		Compiled : N. Battye
		Approved : A. Moore

## TITLE : Replacement Undercarriage Assembly

APPLICABILITY : All Shadow Variants to 430Kg

Mod Type : New Build & Retro-fit

### 1. Introduction

The purpose of this modification is to incorporate a re-designed undercarriage assembly.

### 2. Parts List

2.1 Manufacture and procure the following new parts:

Qty	Description	Source
1	Undercarriage Kit (LAA MOD 11121)	D & J Crosbie Engineering 'Mere', Bures Rd, Lt. Cornard, Sudbury, CO10 0NW 01787 375 202

### 3. Action

3.1 Refer to manufacturer installation Instructions supplied with kit.

3.2 Inspector to inspect and verify conformity & workmanship.

### 4. Flight Test and Special Inspections

4.1 On completion of the installation/inspection, a function check of the undercarriage is required in taxi, take-off and landing, to ensure there are no adverse handling effects. This test flight to be authorised under a PMR by a LAA Inspector.

### 5. Weight and Balance

5.1 A revised weight & balance schedule will be required after installation.

### 6. Certification

6.1 Appropriate logbook entry to be made by approved LAA inspector prior to test flight.

6.2 Appropriate completion statement to be included in aircraft logbook once aircraft has satisfied the air test requirement.