



# **AS350 BIKE RACK**

## **INSTRUCTIONS FOR CONTINUED AIRWORTHINESS (ICA)**

**CAA REFERENCE 14/21E/22**

**OCEANIA AVIATION STC.OAL.010**

**EUROCOPTER AS350B, BA, B1, B2, B3 & D**

<b><i>Certified Master Copy</i></b>	
<b><i>TECHAIR LTD, DO 63214</i></b>	
REFERENCE	1242-01-01
SIGN	<i>J.D. Oplin</i>
DATE	17-Jul-14

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## RECORD OF ISSUES

ISSUE	DATE	DESCRIPTION	PARAGRAPH	PAGES AFFECTED
1	16-06-14	INITIAL RELEASE	ALL	1-4
2	17-Jul-14	Incorporation of CAA comments	3.0	2

### 1.0 GENERAL

This modification installs an aluminium frame to either or both sides of the rotorcraft, which can carry up to three bikes per frame. The bikes are held securely in place by spring loaded clamps that hold the wheels into the frame. There is a load strap that goes across all three bikes and acts as a secondary means of retaining the bikes in case of a failure of the primary holding system.

### 2.0 EFFECTIVITY

Eurocopter AS350 B, BA, B1, B2, B3 & D rotorcraft, previously equipped with high skid gear (Eurocopter P/N 350A82-4010-03).

### 3.0 INSPECTION AND REPAIR REQUIREMENTS

Refer to the following instructions for defect classification, allowable defects and defect rectification procedures.

#### 3.1 50Hr Inspection:

The following checks should be carried out every 50 hours or every 12 calendar months of rotorcraft operation, whichever occurs first, following embodiment of this modification.

- (a) Check for loose or missing hardware. Tighten where necessary or replace with identical item.
- (b) Check for free operation of wheel retaining clamps.
- (c) Check sprung loaded wheel clamps for stretched or damaged springs. Replace where necessary.
- (d) Visually check welds for any cracks. If any cracks found contact Oceania Aviation for repair requirements.

#### 3.2 200Hr Inspection:

The following checks should be carried out every 200Hrs or every 18 calendar months of rotorcraft operation, whichever occurs first, following embodiment of this modification.

- (a) Check for nicks & scratches. If found nicks or scratches up to .25mm may be removed by polishing using 120 grit polishing mop or paper suitable for aluminium.
- (b) Dye Penetrant inspect all welds if a crack or cracks are found contact Oceania Aviation for repair requirements.

### 3.3 REPAIRS

Replace defective components with identical items.

No repairs outside of this ICA or repairs outside of scope of FAA AC 43.13-1B are allowed by the client. The items in question must be replaced or Oceania Aviation should be contacted for a repair scheme

For further information on defects, damage or replacement parts please contact.

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### 4.0 FEEDBACK AND OCCURRENCE REPORTING

*For all feedback and occurrence reporting, complete the following form and return to Oceania Aviation Limited, Airborne Systems Division, PO Box 72-053, Papakura, N.Z., Ph. 09 296 2644, Fax. 09 296 2645, Email. [russell@ohl.co.nz](mailto:russell@ohl.co.nz), [www.airborne-systems.co.nz](http://www.airborne-systems.co.nz)*

CONTACT DETAILS			
OPERATOR		CONTACT PERSON	
PHONE		EMAIL	
MOBILE		FAX	

1. Report a defect or damage to a product	
2. Report an occurrence, incident or event affecting, or caused by a product or	
3. Request or suggest a change to a product or documentation	

DESCRIPTION					
MOD#		S/N		DATE INSTALLED	

REGISTRATION		MODEL	
S/N		TTIS	

LOCATION			
DATE		TIME	
ACTIVITY/ PHASE OF FLIGHT			

[illegible]