

**SUPPLEMENT TO THE APPROVED ROTORCRAFT
FLIGHT MANUAL**

FOR

ROBINSON R44 and R44 II

INSTALLATION OF KAYAK RACK

**MODIFICATION RW08-08
(Rotor and Wing Maintenance Ltd)**

Approved by:



Date of approval: 22/12/09

DO59596

FLIGHT MANUAL SUPPLEMENT

ROBINSON R44 and R44 II

**WITH
KAYAK RACK
MODIFICATION RW08-08**

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1.0 GENERAL

Rotor and Wing Ltd modification RW08-08 installs kayak racks onto the left and right hand skids of Robinson rotorcraft models R44 and R44 II.

The each kayak rack consists of a metal frame which act as cradles to support a kayak each and are mounted on either side of the cabin.

Information in this document supplements or supersedes information in the basic rotorcraft flight manual. For limitations, emergency procedures, normal procedures and performance information not contained in this supplement refer to the basic CAA approved flight manual.

2.0 LIMITATIONS

2.1 Airspeed

V_{ne} (never exceed speed) of 80 KIAS at sea level ISA with modification RW08-08 installed.

2.3 Weight

The maximum permissible weight per kayak per side is 70 lb.

2.4 Kinds of Operation Permitted

Rotorcraft fitted with modification RW08-08 are approved for Normal Operations.

2.5 Placards

The following placards must be placed as indicated when modification RW08-08 is installed:

a) Mounted in clear view of the pilot.

MODIFICATION RW08-08 - KAYAK RACK	
1	MAXIMUM PERMISSIBLE KAYAK WEIGHT 70lb
2	MAXIMUM PERMISSIBLE KAYAK SIZE Length 2.5m Width 0.70m Depth 0.45m
3	1 or 2 kayaks may be carried
4	Kayaks to be secured using only approved tie straps
5	Minimum of 50mm clearance between CABIN DOORS and KAYAK
6	Operation IAW flight manual supplement
7	Pre-flight inspections IAW flight manual supplement

b) Mounted on the kayak rack in clear view of maintenance personnel and pilot in charge. (Placard must be weather resistant and fitted to both sides of the cabin.)

MAXIMUM PERMISSIBLE KAYAK WEIGHT 70lb (31.7kg)
MAXIMUM PERMISSIBLE KAYAK LENGTH 2.5m

c) Mounted on the kayak rack in clear view of maintenance personnel and pilot in charge. Placard must be fitted on the step plate in clear view of passengers entering and exiting the cabin . (Placard must be weather and wear resistant. Placard must be fitted to both sides of the cabin.)



3.0 EMERGENCY PROCEDURES

No Change

4.0 NORMAL PROCEDURES

4.1 Use, Installation and Removal of Kayak Rack

It is the pilot's responsibility to ensure that the kayaks fitted are properly secured and that they do not exceed the weight or physical size limitations defined in section 4.2.

Kayaks must be secured with approved tie straps.

4.2 Approved Configurations

One or two kayaks may be carried.

The maximum permissible weight per kayak is 70lb.

The maximum physical dimensions of each kayak cannot exceed the following:

Length:	2.5 m
Width:	0.70 m
Depth:	0.45 m

