

RotorSport UK Ltd

Service Bulletin

This form is the response from RotorSport UK Ltd either against a problem found in the product in service requiring a containment or rectification action, or as service information for aircraft modification incorporation. Upon completion of the action, the person responsible must enter details into the aircraft logbook/worksheet with the SB and/or CAA MPD (Mandatory Permit Directive) number and sign as normal (see instructions below). For help, contact RotorSport on 44(0)1588 650769, or email info@rotorsport.org.

SB No. SB-057 Iss1	CCAR No.: None	Classification:
Aircraft type & model (applicability) MTOsport	Aircraft serial Nos. effected Any (optional)	OPTIONAL or RECOMMENDED or MANDATORY

Effective date: 9 July 2012

Problem description & cause of problem if known

Flight-accessible storage for small articles (such as gloves) on MTOsport is normally restricted to the occupants' clothing or the front-mounted document bag. A factory-fitted option of rear-seat pockets is available and it is now offered for aftermarket fitment under this Service Bulletin.



Pockets shown fitted to an instructional aircraft with longer control stick and additional ASI

Safety effect:

No effect, the pockets are 340mm deep and are protected from airflow by their location immediately behind the front seat. The location is such that they do not present a hazard to the rear-seat occupant's knees or obstruct the controls.

Weight and CG effect:

The installation increases aircraft weight by only 300g. This is considered insignificant in the overall aircraft weight and has no significant affect to the aircraft CG – therefore there is no re-issue of the aircraft AWC. Allowable placarded baggage load is 1kg each.

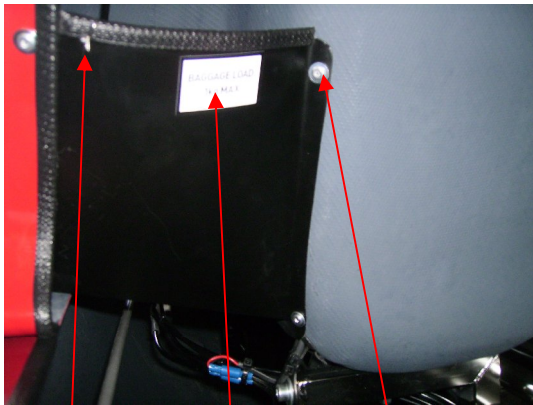
RotorSport UK Ltd

Service Bulletin

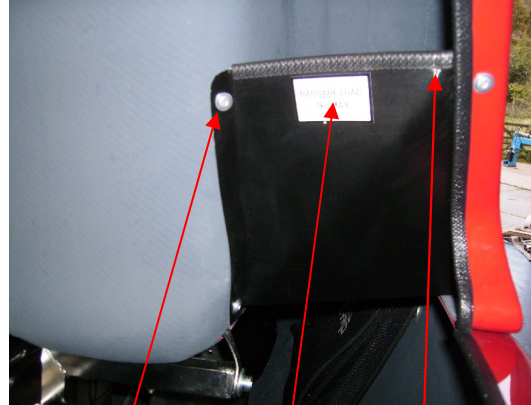
Action required to implement this bulletin:

- 1 Offer up the pockets to the back of the rear seat to check for fit.
- 2 Adjust shape to fit using a carbide file or abrasive paper on a block.
- 3 On vertical flange mark centres for rivet holes at 20 mm and 200mm down from top edge.
- 4 Drill 4.0/4.2 mm holes and fit rivets with washers on both sides ONE AT A TIME.
- 5 Drill 4.0/4.2 mm hole on horizontal flange 20mm from front edge and fit rivet. Note the front rivet is easier to fit from inside the seat and with the washer on both sides of the rivet but may be fitted in either direction.
- 6 Drill 4.0/4.2 mm hole in the return of the front seat and through the pocket 20mm from the top edge and fit rivet with washers under head and on shank.
- 7 Repeat for the other side.
- 8 Fit edge finisher to both the top edges of the pockets and wire lock (wire thickness at engineers discretion) in place through the pocket at outer end after drilling a 1.5mm hole.
9. Fit a self-adhesive "1kg max" placard to each pocket as shown

Process photos

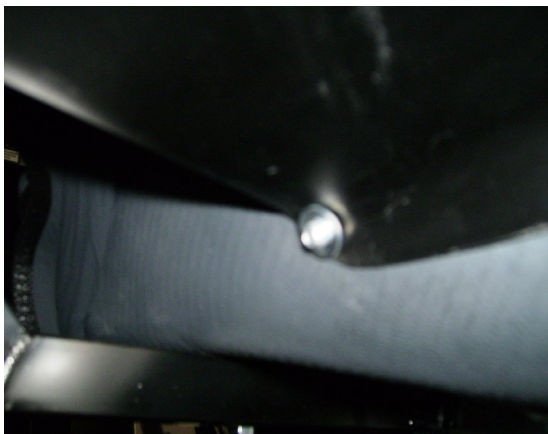


Wire-lock Placard LHS rivets



RHS rivets Placard Wire-lock

NB: three rivets visible in above photos, fourth is through front-seat pan



LHS front



RHS front

RotorSport UK Ltd

Service Bulletin

Parts required to implement this service bulletin:

Part No.	Issue	Name	Qty
RSD4362		Placard (from set)	2
RSD 6265		4mmx 12mm al rivets	8
RSD 6111		M4 x 12 od washers	16
RSD 4127		Edge finisher	220mm
RSD4348		Left-hand seat pocket	1
RSD4349		Right-hand seat pocket	1

Effect on Pilots Handbook or Maintenance Manual?

No change required to Pilots Handbook RSUK0043 or Aircraft Maintenance Manual RSUK0044

Service Bulletin Completion action

Issue Permit Maintenance Release Certificate

CAA BCAR A3-7 Authorised Person to certify that the work is completed by writing '*SB-057 Rear-seat pockets incorporated*' in the aircraft logbook white pages, and record the action in the pink pages entitled 'Aircraft Modifications'. Both entries must be signed by the CAA Authorised Person together with their CAA Authorisation number.

*The technical content of this document is approved under the authority of the UK CAA
Design Organisation Approval Ref: **DAI/9917/06***

SB authorised by: (name, signature, and date of signature)

Quality Conformance Manager	Engineering Manager	Chief Test Pilot (if flight performance or safety effect) <i>Not required</i>	CVE/Head of Airworthiness
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Document completion date:	Issued to:	When	Issuer name	Signature
	Internal			
	CAA			
	Owners			
	LAA/BMAA Inspectorate			