



Civil Aviation Authority

EMERGENCY MANDATORY PERMIT DIRECTIVE



Number: 2013-005-E

Issue date: 26 November 2013

In accordance with 22(1) of Air Navigation Order 2009 as amended the following action required by this Mandatory Permit Directive (MPD) is mandatory for applicable aircraft registered in the United Kingdom operating on a UK CAA Permit to Fly.

Type Approval Holder's Name:

Not applicable

Type/Model Designation(s):

Martin-Baker Ejection Seats

Supersedure:

This MPD supersedes MPD 2011-008-E dated 17 November 2011, including the correction dated 30 January 2012.

Title:

Inspection of Ejection Seat Drogue Shackle Connection to Scissor Shackle

Manufacturer:

Martin-Baker Aircraft Company Limited

Applicability:

Martin-Baker Ejection Seats fitted with a Scissor Shackle

Reason:

It has been determined that the freedom of movement of drogue shackles on ejection seats fitted with scissor shackles may have become restricted.

Failure to ensure that there is freedom of movement between the drogue shackle and scissor shackle may prevent the withdrawal of the main parachute during the ejection sequence.

MPD 2011-008-E (Correction) was issued to require inspections in accordance with Martin-Baker Special Information Leaflet No. 704.

Martin-Baker has now determined that further inspections of the scissor shackle are required and have issued Special Information Leaflet No. 704A.

Effective Date:

27 November 2013

Compliance/Action:	<p>Compliance is required as follows, unless previously accomplished:</p> <p>(1) Within 7 days from the effective date of this MPD, inspect the drogue shackle connection to the scissor shackle in accordance with paragraph 2.1 of Martin-Baker Special Information Leaflet No. 704A.</p> <p>(2) If the drogue shackle does not meet the requirements of the inspections, carry out the maintenance procedure in accordance with paragraph 2.2 of Martin-Baker Special Information Leaflet No. 704A.</p> <p>(3) After the effective date of this MPD, do not install an affected ejection seat in an aircraft unless the inspection has been carried out in accordance with paragraph (1) and if necessary the maintenance procedure carried out in accordance with paragraph (2).</p>	
ENSURE COMPLIANCE WITH THIS MPD IS RECORDED IN THE AIRCRAFT LOGBOOK		
Reference Publications:	<p>Martin-Baker Special Information Leaflet No. 704A, "Drogue Shackle Connection to Scissor Shackle Maintenance Check", PSD/704A dated November 2013.</p> <p>The use of later revisions of this document is acceptable for compliance with this MPD.</p>	
Remarks:	<p>1. This MPD was not posted for consultation because of the urgency of the requirement.</p> <p>2. Enquiries regarding this Mandatory Permit Directive should be referred to: Airworthiness Evaluation and Surveillance, Civil Aviation Authority, Safety and Airspace Regulation Group, Aviation House, Gatwick Airport South, West Sussex RH6 0YR.</p>	
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