

EASA	AIRWORTHINESS DIRECTIVE
	<p>AD No.: 2010-0229</p> <p>Date: 03 November 2010</p> <p>Note: This Airworthiness Directive (AD) is issued by EASA, acting in accordance with Regulation (EC) No 216/2008 on behalf of the European Community, its Member States and of the European third countries that participate in the activities of EASA under Article 66 of that Regulation.</p>
<p>This AD is issued in accordance with EC 1702/2003, Part 21A.3B. In accordance with EC 2042/2003 Annex I, Part M.A.301, the continuing airworthiness of an aircraft shall be ensured by accomplishing any applicable ADs. Consequently, no person may operate an aircraft to which an AD applies, except in accordance with the requirements of that AD, unless otherwise specified by the Agency [EC 2042/2003 Annex I, Part M.A.303] or agreed with the Authority of the State of Registry [EC 216/2008, Article 14(4) exemption].</p>	
<p>Approval Holder's Name :</p> <p>Aero Seats and Systems Inc.</p>	<p>Type/Model designation(s) :</p> <p>ASI-500 Life Raft Deployment System</p>
STC Number :	EASA.IM.R.S.01293 (validation of FAA STC SR09211RC)
Foreign AD :	None
Supersedure :	None
ATA 25	Equipment & Furnishings – Life Raft Deployment Handle – Replacement
Manufacturer(s):	Aero Seats and Systems Inc.
Applicability:	<p>Aero Seats and Systems ASI-500 Life Raft Deployment Systems, if fitted with the original system deployment handle, Part Number (P/N) ASI -700-45.</p> <p>These systems are installed on Sikorsky S-76A, S-76B and S-76C helicopters, all serial numbers, if modified in accordance with STC EASA.IM.R.S.01293 or FAA STC SR09211RC.</p>
Reason:	<p>The affected Aero Seats and Systems' STC modifies the helicopter by introduction of an externally mounted life raft deployment system. Deploying the system is accomplished by means of a handle which is accessible to the pilot or co-pilot. Recent hangar testing has resulted in failures of the deployment handle.</p> <p>This condition, if not corrected, could result in delay or failure of deployment of the life raft, significantly impeding or preventing safe evacuation of the helicopter occupants.</p> <p>Aero Seats and Systems have produced a stronger handle, P/N ASI-700-49A, and published instructions on how to replace the current handle with a strengthened part.</p> <p>For the reasons described above, this AD requires replacement of the current P/N ASI-700-45 handle with the new P/N ASI-700-49A handle.</p>
Effective Date:	17 November 2010

Required Action(s) and Compliance Time(s):	<p>Required as indicated, unless accomplished previously:</p> <ol style="list-style-type: none"> (1) Within 3 months after the effective date of this AD, replace the P/N ASI-700-45 handle with a strengthened P/N ASI-700-49A handle in accordance with the instructions of Aero Seats and Systems Service Bulletin (SB) 76-500-02 Revision C dated 16 September 2010. (2) After the effective date of this AD, do not install a P/N ASI -700-45 deployment handle on any helicopter.
Ref. Publications:	Aero Seats and Systems SB 76-500-02 Rev. C dated 16 September 2010.
Remarks :	<ol style="list-style-type: none"> 1. If requested and appropriately substantiated, EASA can approve Alternative Methods of Compliance for this AD. 2. This AD was posted on 24 September 2010 as PAD 10-097 for consultation until 22 October 2010. No comments were received during the consultation period. 3. Enquiries regarding this AD should be referred to the Airworthiness Directives, Safety Management & Research Section, Certification Directorate, EASA. E-mail ADs@easa.europa.eu. 4. For any question concerning the technical content of the requirements in this AD, please contact: Aero Seats and Systems Inc. 340 Thomas Place, Everman, Texas 76140, United States of America, Telephone: +1 817-551-0818, Fax: +1 817-551-0838, Email: rcrouch@aeroseatsandsystems.com.