


EASA	PROPOSED AIRWORTHINESS DIRECTIVE	
	<p>PAD No : 07-150</p> <p>Date: 20 August 2007</p>	
No person may operate an aircraft to which an Airworthiness Directive applies, except in accordance with the requirements of that Airworthiness Directive unless otherwise agreed with the Authority of the State of Registry.		
Type Approval Holder's Name :		Type/Model designation(s) :
AIRBUS		A318, A319, A320 and A321 aircraft
TCDS Number: EASA.A.064		
Foreign AD: Not applicable		
Supersedure: Not applicable		
ATA 25	EQUIPMENT/FURNISHINGS - COCKPIT DOOR LATCH/STRIKER PROTECTION - MODIFICATION	
Manufacturer(s):	AIRBUS (formerly AIRBUS INDUSTRIE)	
Applicability:	<p>AIRBUS A318, A319, A320 and A321 aircraft, all certified models and all serial numbers, fitted with at least one cockpit door electrical latch/striker assembly Part Number AR4714-1 or AR4714-3.</p> <p>No further action is required by this AD on aircraft having received AIRBUS modification 35219 in production or AIRBUS Service Bulletin (SB) A320-25-1444 in service.</p> <p>Reminder: It is the responsibility of the operator to ensure that any cockpit door electrical strike replaced on aircraft after having complied with this AD, still complies with the requirements of this AD.</p>	
Reason:	<p>An A320 aircraft experienced an event where it was not possible to open the reinforced cockpit door even after power had been removed to the aircraft.</p> <p>Investigation has identified that the cockpit door latch/striker assembly may overheat causing permanent internal damage prior to being electrically isolated by the internal thermal fuse. In case of a rapid decompression in the cockpit, the failure would prevent the necessary unlocking/opening of the door leading to possible structural failure.</p>	

	<p>In order to avoid this failure a Polymer Positive Temperature Coefficient (PPTC) was introduced by Modification 35219 / SB A320-25-1444. The PPTC is a resetable thermistor and is installed on the frame of the electrically operated cockpit door latch/striker assembly.</p> <p>The implementation of this modification was originally managed by an AIRBUS monitoring campaign. However the rate of installation of the modification by operators has not met the predicated target. As such and to ensure continued compliance with the certification requirements it is considered necessary to require compliance by use of AD. Therefore this AD mandates the installation of improved cockpit door latches/strikers in accordance with Modification 35219 /SB A320-25-1444.</p>
Effective Date:	14 days after final AD issue date
Compliance:	Before 31st October 2008, install three modified electrical release latches/strikers in accordance with Modification 35219 / SB A320-25-1444.
Ref. Publications:	AIRBUS SB A320-25-1444 original issue or later EASA approved revision.
Remarks :	<ol style="list-style-type: none"> 1. If requested and appropriately substantiated the responsible EASA manager for the related product has the authority to accept Alternative Methods of Compliance (AMOCs) for this AD. 2. The closing date for comments is 17 September 2007. 3. Enquiries regarding this Airworthiness Directive should be referred to the AD Focal Point - 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: Airbus, E-mail: airworth-eas@airbus.com