


EASA	AIRWORTHINESS DIRECTIVE	
	<p>AD No.: 2007-0248</p> <p>Date: 07 September 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) :	
Saab AB, Saab Aerosystems	SF340A and 340B aircraft	
TCDS Number: EASA A.068		
Foreign AD: Not applicable		
Supersedure: None		
ATA 28	Fuel System - Fuel Tank Conduits Wiring Protection – Modification [Fuel Tank Safety]	
Manufacturer(s):	Saab AB, Saab Aerosystems (formerly Saab Aircraft AB)	
Applicability:	Model SF340A and 340B aircraft, all serial numbers.	
Reason:	<p>Subsequent to accidents involving Fuel Tank System explosions in flight (Boeing 747-131 flight TWA800) and on ground, the FAA has published Special Federal Aviation Regulation 88 (SFAR88) in June 2001.</p> <p>In their Letters referenced 04/00/02/07/01-L296 dated March 4th, 2002 and 04/00/02/07/03-L024, dated February 3rd, 2003, the JAA recommended the application of a similar regulation to the National Aviation Authorities (NAA)</p> <p>Under this regulation, all holders of type certificates for passenger transport aircraft with either a passenger capacity of 30 or more, or a payload capacity of 7,500 pounds (3402 kg) or more, which have received their certification since January 1st, 1958, are required to conduct a design review against explosion risks.</p> <p>As a consequence of the design review mentioned above, this Airworthiness Directive (AD) requires a modification to install extra protection of wiring installed in fuel tank conduits.</p>	
Effective Date:	21 September 2007	

Compliance:	<p>Required as indicated, unless previously accomplished:</p> <p>Within 72 months after the effective date of this directive, perform Modifications No. 3164 (RH Wing) and 3165 (LH Wing) in accordance with SAAB Service Bulletin 340-28-026, including:</p> <ul style="list-style-type: none"> - Removal of the fuel pumps 5QM and 6QM, the fuel Switches 31EB, 32EB, 9QA, 10QA, 11QA and 12QA and the refuel shutoff valves 15QA and 16QA; - Inspection of the wiring to the fuel pumps, fuel level switches and the refuel shut off valves; - Twisting of the fuel pump wiring, fuel level switches wiring and refuel shutoff valves wiring; - Installation of a shrinkable tube to the fuel pumps wiring, fuel level switches wiring and refuel shutoff valves wiring; - Installation of fuel pumps, the fuel level switches and the refuel shutoff valves; - Operational and Functional test of the fuel Measuring/Indicating system.
Ref. Publications:	SAAB Service Bulletin SB-340-28-026 original issue or later approved revisions.
Remarks :	<ol style="list-style-type: none"> 1. If requested and appropriately substantiated, EASA can accept Alternative Methods of Compliance for this AD. 2. This AD was posted on 06 August 2007 as PAD 07-135 for consultation until 03 September 2007. No comments were received during the consultation period. 3. Enquiries regarding this AD should be referred to the AD Focal Point - Certification Directorate, EASA. E-mail: ADs@easa.europa.eu 4. For any questions concerning the technical content of the requirements in this AD, please contact: Saab AB, SE-581 88 Linköping, Sweden; Telephone +46 (0)13 18 20 00; Facsimile +46 (0)13 18 44 95; E-mail technical.support@sat.saabgroup.com