


<b>EASA</b>	<b>AIRWORTHINESS DIRECTIVE</b>	
	<p><b>AD No.: 2007- 0285</b></p> <p><b>Date: 13 November 2007</b></p>	
<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.</p>		
<p><b>Type Approval Holder's Name :</b> APEX AIRCRAFT</p>	<p><b>Type/Model designation(s):</b> CAP 10B</p>	
<p>TCDS Number : DGAC France No. 125</p>		
<p>Foreign AD: None</p>		
<p>Supersedure: DGAC France F-2004-071 (EASA approval number 2004-5334) released on 26 May 2004</p>		
<b>ATA 28</b>	<b>Fuel – Front fuel tank support strap – Life Limit / Replacement</b>	
<p>Manufacturer :</p>	<p>APEX AIRCRAFT</p>	
<p>Applicability :</p>	<p>CAP 10B airplanes, all serial numbers.</p>	
<p>Reason :</p>	<p>A CAP 10B experienced an emergency landing after its front fuel tank collapsed and rendered inoperative the left rudder pedals which were blocked in neutral position. Investigation and the metallurgical examination revealed that the fuel tank straps had fractured as a result of fatigue. The tank support straps had logged around 7 000 hours time-in-service (TIS).  DGAC France Airworthiness Directive (AD) F-2004-071 was issued to introduce a 4 000 hour life-limit for the tank support straps and to require replacement of straps which had exceeded this life-limit.  Since then, a front tank support has been found damaged during an inspection before reaching 4 000 hours TIS.  The present AD supersedes DGAC France AD F-2004-071, reduces to 2 000 hours the life-limit for the tank support straps and requires replacement of straps which have exceeded the new life-limit.  These actions are intended to address the identified unsafe condition so as to prevent fatigue cracks from occurring in the tank support straps before the established safe life is reached.</p>	
<p>Effective Date :</p>	<p>27 November 2007</p>	

Compliance :	<ol style="list-style-type: none"> <li>1. Prior to next flight after the effective date of this AD, for front fuel tank support strap, Part Number (P/N) CAP10-70-08-01, reduce the life-limit from 4 000 to 2 000 hours TIS on the component history card or equivalent record and amend accordingly the operator's maintenance programme to comply with this new airworthiness limitation as introduced by the APEX AIRCRAFT Service Bulletin (SB) No.040102 Revision 1.</li> </ol> <p>NOTE: In the event an operator is unable to establish the accumulated hours TIS on a given fuel tank support strap installed on an airplane, the total hours accumulated on the airplane must be used in the determination of time for the support strap.</p> <ol style="list-style-type: none"> <li>2. For strap that has exceeded 2 000 hours TIS but has accumulated less than 2 500 hours TIS on the effective date of this AD, replace the strap within the next 100 hours TIS or 6 months, whichever occurs first, after the effective date of this AD.</li> <li>3. For strap that has exceeded 2 500 hours TIS but has accumulated less than 4 000 hours TIS on the effective date of this AD, replace the strap within the next 25 hours TIS or 1 month, whichever occurs first, after the effective date of this AD.</li> </ol>
Ref. Publications :	<p>APEX AIRCRAFT Service Bulletin No.040102 Revision 1 (any later approved revision of this document is acceptable)</p>
Remarks :	<ol style="list-style-type: none"> <li>1. If requested and appropriately substantiated, EASA can accept Alternative Methods of Compliance for this AD.</li> <li>2. Required actions and the risk assessment have warranted the immediate adoption of this final AD with request for comments.</li> <li>3. Enquiries regarding this Airworthiness Directive should be referred to the AD Focal Point, Certification Directorate, EASA. E-mail: <a href="mailto:ADs@easa.europa.eu">ADs@easa.europa.eu</a> .</li> <li>4. For any questions concerning the technical content of the requirements in this AD, please contact: APEX AIRCRAFT Bureau de Navigabilité 1 route de Troyes 21121 Darois FRANCE Tel.: + 33 38035 6510 Fax: + 33 38035 6515 E-mail: <a href="mailto:airworthiness@apex-aircraft.com">airworthiness@apex-aircraft.com</a></li> </ol>