


EASA	AIRWORTHINESS DIRECTIVE	
	<p>AD No.: 2007-0015</p> <p>Date: 12 January 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 : APEX AIRCRAFT		Type/Model designation(s): CAP 10B
TC/TCDS Number: DGAC France No 55 / 125		
Foreign AD : Not applicable		
Supersedure: Not applicable		
ATA 57	Wing - Main Spar Wooden Centre Block - Inspection / Reinforcement	
Manufacturers:	Avions MUDRY et Cie, CAP INDUSTRIES, Constructions Aéronautiques de Bourgogne, APEX INDUSTRIES.	
Applicability:	All CAP 10B aircraft that have been fitted with major change 000302 (wood/carbon-made wing) and wood/carbon-made wings p/n 11.56.00.010 with serial numbers 001 to 084 inclusive	
Reason:	<p>Several recent inspections have revealed that some spar wooden centre blocks have shown cracks.</p> <p>Investigation revealed that cracks are generated by the wood drying.</p> <p>Actions specified in this AD are intended to detect and correct any defects on the central wing spar block.</p> <p>This AD is requiring the installation of two reinforcement plates on the wing spar to counter the shear loading, implementation of corrective actions to slow down the wood drying and is also introducing new repetitive inspections.</p>	
Effective Date:	26 January 2007	
Compliance:	The following measures are rendered mandatory from the effective date of this AD:	

	<p>1. As of the effective date of this AD, Flick manoeuvres are prohibited on CAP 10B aircraft.</p> <p>2. Within 50 hours after the effective date of this AD inspect the spar web and fill up the surface cracks with a two component epoxy compound in accordance with the accomplishment instructions of the APEX AIRCRAFT Service Bulletin No 060307 and APEX AIRCRAFT Instruction n° 1001766-latest revision</p> <p>Note 1: Embodiment of the APEX AIRCRAFT Instruction n° 1001766-latest revision may only be carried out by qualified woodworkers or maintenance organisation authorized by the relevant supervisory Authority.</p> <p>Note 2: If during the inspection any cracks or damages are found in either the rear or the front wing spar web, then the wing shall be considered as unairworthy until the implementation of the relevant repair solution. Contact APEX AIRCRAFT to define a repair solution.</p> <p>3. Install the reinforcement plates 97.56.00.002 as instructed in the APEX AIRCRAFT Service Bulletin No 060307 and APEX AIRCRAFT Instruction n° 1001766-latest revision.</p> <p>4. Accomplishment of actions specified in paragraphs 2. and 3. of the AD ends the requirement of § 1.</p> <p>5. Repeat thereafter the internal inspections for cracks as instructed in the APEX AIRCRAFT Service Bulletin No 060307 at intervals not to exceed 13 months</p> <p>6. As of the affective date of this AD, no person shall install an APEX AIRCRAFT wing p/n 11.56.00.010 on any CAP10B airplane unless it has been inspected and modified in accordance with the accomplishment instructions of the APEX AIRCRAFT Service Bulletin No 060307 and APEX AIRCRAFT Instruction n° 1001766-latest revision.</p>
<p>Ref. Publications:</p>	<p>APEX AIRCRAFT Service Bulletin n° 060307 or later approved revisions.</p> <p>APEX AIRCRAFT Instruction n° 1001766-latest revision</p> <p>APEX AIRCRAFT Instruction n° 1001133-A</p>
<p>Remarks:</p>	<p>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.</p> <p>2. This AD was posted as PAD 06-242 on 31October 2006 for consultation until 20 November 2006. No comments were received during the consultation period.</p> <p>3. Enquiries regarding this AD should be addressed to Mr. M. Capaccio, AD Focal Point, Certification Directorate, EASA. E-mail: ADs@easa.europa.eu</p> <p>4. For any questions concerning the technical content of the requirements in this AD, please contact:</p> <p>APEX AIRCRAFT 1 route de Troyes - 21121 DAROIS - France Phone : + 33 380 352 500 - Fax : + 33 380 356 515 E-mail: airworthiness@apex-aircraft.com</p>