


EASA	PROPOSED AIRWORTHINESS DIRECTIVE
	<p>PAD No: 07- 116</p> <p>Date: 06 July 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.	
<p>Type Approval Holder's Name : APEX AIRCRAFT</p>	<p>Type/Model designation(s): DR220 series and DR221 series DR253 series R3000 series ATL series DR200 and DR250 series R1180T and R1180TD DR300 series, DR315, DR340, DR360 and DR380 DR400 series</p>
TCDS Number: DGAC France No.111, 115, 172, 178, 100, 131, 121	
Foreign AD : Not applicable	
Supersedure: Not applicable	
ATA 28	Fuel – Grounding of the Electrical fuel pump – Modification.
Manufacturers:	Centre Est Aéronautique, Avions Pierre Robin, Constructions Aéronautiques de Bourgogne, APEX Industries.
Applicability:	<p>All DR220 series and DR221series aircraft models All DR200 and all DR250 series aircraft models All DR253 series aircraft models All R3000 series aircraft models All ATL series aircraft models All R1180T and R1180TD aircraft All DR300 series aircraft models,DR315, DR340, DR360 and DR380 All DR400 series aircraft models except DR400/500, DR400/RP and DR400/200R which are equipped with either electrical fuel pump Part Number (P/N) 52.88.03.100 or P/N 52.11.69.000 with unshielded power supply cable.</p>

Reason:	<p>Several electrical fuel pump malfunctions have been reported to APEX Aircraft.</p> <p>A modification of the pump feeder cable made by the fuel pump manufacturer revealed to be cause of malfunctions. Braiding of the feeder cable which performs the grounding of the electric fuel pump was simply suppressed. Consequently, if left uncorrected, after a failure of the mechanical pump, the electrical fuel pump may not work as a backup and this could lead to an engine stoppage.</p> <p>This Airworthiness Directive (AD) based on APEX Service Bulletin (SB) No 060903 requires modification of the electric fuel pump to restore its electrical grounding.</p>
Effective Date:	14 days after final AD issue date
Compliance:	Within the next 50 flight hours after the effective date of this AD, unless already accomplished, modify the aircraft electrical fuel pump support to install the bonding wire between the electric fuel pump and the bayonet connector support as indicated in the accomplishment instructions of the APEX SB No 060903 original issue or later approved issue.
Ref. Publications:	APEX SB n°060903 original issue or later approved issue.
Remarks:	<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. The closing date for comments is 20 July 2007.</p> <p>3. Enquiries regarding this Airworthiness Directive should be referred to the AD Focal Point - Certification Directorate, EASA.</p> <p>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 Bureau de Navigabilité 1 route de Troyes 21121 Darois FRANCE Tel : + 33 380 35 65 10 – Fax : + 33 38035 6515 airworthiness@apex-aircraft.com</p>