

EASA	AIRWORTHINESS DIRECTIVE
	AD No: 2008-0039 Date: 07 March 2008
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): DR400
TCDS Number: France No. 121	
Foreign AD : Not applicable	
Supersedure: None	
ATA 24-30	DC generation - Voltage regulator and IFR & Night-VFR operations - Modification / Restrictions
Manufacturer:	Centre Est Aéronautique, Avions Pierre ROBIN, Constructions Aéronautiques de Bourgogne (CAB), APEX INDUSTRIES.
Applicability:	All DR400 series aircraft equipped with voltage regulator Part Number (P/N) 67.12.23.000 having JPC AVIATION P/N 614 17 00 B. NOTES: APEX AIRCRAFT P/N 67.12.23.000 corresponds to JPC AVIATION P/Ns 614 17 00, 614 17 00 A and 614 17 00 B. The sole P/N 614 17 00 B is to be modified per the requirements of this Airworthiness Directive (AD). This Airworthiness Directive (AD) is intended for flight crews and maintenance personnel. Serial Numbers of those voltage regulators range from S/N 2898 onwards
Reason:	After an in-service report, it has been determined that with dimmed warning lights, during events such as an alternator failure or insufficient current flowing into the battery, the warning light "CHARGE" would not be illuminated. Safety of flight, especially for IFR and Night-VFR operations, could be endangered. As a consequence, this AD prohibits IFR and Night- VFR flights as a temporary measure until the final fix is implemented which consists in modifying and re-identifying the JPC AVIATION voltage regulators from P/N 614 17 00 B to P/N 614 17 00 C configuration (new APEX AIRCRAFT P/N 61.40.02.100) as instructed in the Apex Aircraft Service Bulletin (SB) No.070306 Revision 1.
Effective Date:	21 March 2008

Compliance:	(1) From the effective date of this AD and until accomplishment of the actions required by paragraph (2) of this AD, IFR and night VFR flights are prohibited. (2) Within 60 Flight Hours after the effective date of this AD, unless accomplished previously, modify, re-identify and check for proper operation on aircraft, the JPC AVIATION voltage regulator in accordance with the APEX AIRCRAFT SB No.070306 Rev.1. (3) After the effective date of this AD, no person shall install on any DR400, voltage regulator P/N 67.12.23.000 having JPC AVIATION P/N 614 17 00 B NOTE: The actions required by paragraph (2) and (3) of this AD must be accomplished by duly authorized personnel with respect to the privileges granted by the relevant supervisory Authority.
Ref. Publications:	APEX AIRCRAFT SB No.070306 Revision 1 The use of later approved revisions of this document is acceptable to comply with the requirements of this AD.
Remarks:	1. If requested and appropriately substantiated, EASA can accept Alternative Methods of Compliance for this AD. 2. Required actions and the risk assessment have warranted the immediate adoption of this Final AD with request for comments. 3. Enquiries regarding this AD should be addressed 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: APEX AIRCRAFT 1 route de Troyes 21121 DAROIS - FRANCE Phone : + 33 380 352 500 - Fax : + 33 380 356 515 airworthiness@apex-aircraft.com