

EASA	AIRWORTHINESS DIRECTIVE
	AD No.: 2006 - 0375 Date: 15 December 2006
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.	
Approval Holder's Name: Carling Technologies, Inc.	Type/Model designations: Rocker-type Switches, Part Number (P/N) TA201-(XX)-(X) series
TCDS Number: Not applicable	
Foreign AD: None.	
Supersedes: This AD supersedes and cancels EASA AD 2006-0274, which superseded and cancelled CAA United Kingdom Additional AD 001-09-96.	
ATA 24	Electrical Power – Switches – Inspection/Replacement
Manufacturer:	Carling Technologies, Inc.
Applicability:	Rocker-type Switches, having Carling P/N TA201-(XX)-(X), all versions. These same switches are also identified by, but not limited to, Piper P/N 47664-07; Grumman P/N TB201-TB-W or B206; and Cessna P/N S 1824-1 or S 2160-1. The affected switches are known to be installed on, but not limited to, aircraft manufactured by the Piper Aircraft Corporation, Cessna Aircraft Company and Grumman American Aviation Corporation, certificated under FAR Part 23.
Reason:	During the 1990's, numerous incidents have occurred on light aircraft in the United Kingdom where smoke was released in the cockpit due to overheated rocker-type switches, manufactured by Carling. These switches do not appear to be of sufficient integrity or electrical rating for the heavy duty type circuits (e.g. strobe light- and pitot head circuits) in which they are installed. An investigation did not result in replacement switches being found that would remedy the problem. Since an unsafe condition had been identified, likely to exist or develop on other aircraft with these switches installed, EASA issued AD 2006-0274 to supersede CAA UK Additional AD 001-09-96 and require the repetitive inspection and, where necessary, replacement of the affected switches. The present AD supersedes EASA AD 2006-0274 to correct the quoted Piper P/N and further expand the applicability, specifying that all versions of the Carling P/N TA201-(XX)-(X) series are affected by this directive.
Effective Date:	29 December 2006

Compliance:	Required as indicated, unless accomplished previously: 1) Not later than at the next annual inspection after 15 September 2006 [the effective date of EASA AD 2006-0274], or within 12 months after the last inspection as previously required by CAA UK Additional AD 001-09-96 or EASA AD 2006-0274, whichever occurs later, visually inspect the affected switches; 2) Thereafter, at intervals not exceeding 12 months, repeat the inspection; 3) If during an inspection as required by paragraph 1) and 2) of this directive any sign of overheating adjacent to the rear terminals is found, before next flight, replace the affected switch. Replacement with identical switches does not terminate the requirement of the repeat inspection.
Ref. Publications:	None.
Remarks:	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. 2. The safety assessment has requested not to implement the full consultation process and an immediate publication and notification. 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: Carling Technologies, Inc. 60 Johnson Ave Plainville, CT 06062-1177 - USA Telephone +1-860-793-9281; Facsimile +1-860-793-9231; E-mail custservice@carlingtech.com; Website www.carlingtech.com