

LUFTFARTSVERKET
Avg. for luftfartsinspeksjon
Postboks 18, 1330 Oslo lufthavn
Telefon: Oslo (02) 59 33 40
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LUFTDYKTIGHETSPÅBUD (LDP)

TILBEHØR
AEROSPACE
LIGHTING CORP. - 1

Med hjemmel i lov om luftfart av 16. desember 1960 §§ 214 og 43 jfr. kgl. res. av 8. desember 1961, litra K og Samferdselsdepartementets bemyndigelse av 23. mars 1964 fastsetter Luftfartsverket følgende forskrift om luftdyktighet.

|054/90 KONTROLL AV KABINBELYSNING

Påbudet gjelder:

Aerospace Lighting Corp. (ALC): Delnr. (P/N) 31.85.1.A lampeholdere og Serie 66 fluoriserende lamper.

Utstyret kan være installert i, men ikke begrenset til, følgende flytyper:

British Aerospace:	HS 125-600A/700A Jetstream Model 3101
Gulfstream:	GIV
Israel Aircraft Industries:	1124
Mystere:	Falcon 10/50
SAAB-Scania:	340A
Sikorsky:	S-76A

Påbudet omfatter:

For å unngå røyk, brann, elektrisk støt eller mulig elektromagnetisk interferens forårsaket av høyspennings lysbuer, "Arching", skal følgende tiltak utføres:

- 1.1 Kontrollér kabinens fluoriserende belysning i samsvar med fremgangsmåte beskrevet i ALC Information Bulletin No. IB 90-001, paragraf IV., "Fluorescent Lighting System Components Identification and Inspection Procedure", underparagrafene B.1, 2., 3., 5., 6. og 7.
- 1.2 Dersom det under kontrollen i pkt. 1.1 blir funnet skadde eller ukorrekte deler, skal prosedyren for inn- og utmontering i samsvar med paragraf IV. B.4, 8. og 9. utføres.
2. Dersom en komponent i belysningssystemet svikter etter at pkt. 1.1 er utført, skal inn- og utmonterings prosedyren, ref. pkt. 1.2, gjentas.
3. En alternativ måte å oppfylle kravet i denne LDP vil være å deaktivere systemet og skilte brytere og sikringer for å hindre utilsiktet bruk.

Kontrollen, og eventuell justering og/eller utskifting av ALC P/N 31.85.1.A lampeholdere og Series 66 fluoriserende lamper, skal utføres i henhold til instruksjoner gitt i ALC Information Bulletin No. IB 90-001, datert 30.3.90.

forts;
17.08.90

1054/90

forts;

Eiere/brukere som ikke har mottatt den nødvendige serviceinformasjon fra fabrikanten kan få denne ved henvendelse til:

Aerospace Lighting Corporation
101-8 Colin Drive, Holbrok
New York, 11741, USA.

Tid for utførelse:

Pkt. 1.1 og 1.2: Innen 30 dager etter 17.08.90.

Pkt. 2: Med intervaller på 5 flyginger eller 10 flytimer, det som kommer først.

Referanse:

FAA AD 90-14-06

LUFTFARTSVERKET
Hovedadministrasjonen
Luftfartsinspeksjonen
Postboks 8124 Dep., 0032 Oslo
Telefon : 22 94 20 00
Telefax : 22 94 23 91
Tlgr. : CIVILAIR
Telex : 71032 enfb n

LUFTDYKTIGHETSPÅBUD (LDP)

TILBEHØR

AEROSPACE
LIGHTING - 2

Med hjemmel om lov om luftfart av 11. juni 1993 kap. IV § 4-1 og kap. XV § 15-4, fastsetter Luftfartsverket følgende forskrift om luftdyktighet.

96-004 KONTROLL AV KABINBELYSNING

Påbudet gjelder:

Aerospace Lighting Corporation (ALC): Delnr. (P/N) 31.85.1.A lampeholdere, serie 66 fluoriserende lamper, «power unit» P/N TR-991, TR-992, AL-0546 og AL-0514, samt kraftforsyning P/N1895D og AL-0598.

Påbudet omfatter:

Utfør tiltak som beskrevet i vedlagte kopi av FAA AD 95-22-01.

Anm.: Denne LDP erstatter og opphever LDP 054/90.

Tid for utførelse:

Til de tider og intervaller som beskrevet i vedlagte kopi av FAA AD 95-22-01, med virkning fra denne LDP's gyldighetsdato.

Referanse:

FAA AD 95-22-01.

Gyldighetsdato:

01.01.96.

**AEROSPACE LIGHTING CORPORATION
AIRWORTHINESS DIRECTIVE
APPLIANCE
SMALL AIRCRAFT & ROTORCRAFT**

95-22-01 Aerospace Lighting Corporation: Amendment 39-9408. Docket 94-ANE-31. Supersedes AD 90-14-06, Amendment 39-6640.

Applicability: Aerospace Lighting Corporation (ALC) lamp connectors, Part Number (P/N) 31.85.1.A; Series 66 fluorescent lamps; power units, P/N's TR-991, TR-992, AL-0546, and AL-0514; and power supplies, P/N's 1895D and AL-0598. These products are utilized in cabin fluorescent lighting systems, and are installed on, but not limited to, the following aircraft: Airbus Industrie Model A310; Avion Marcel Dassault Breguet Aviation Model Falcon 10; Boeing Airplane Company Models 727, 737, 747, and 757; Raytheon Corporate Jets, Inc. (formerly British Aerospace) Model HS.125-600A, -700A, -800A, and -1000A; Bombardier Inc. Canadair Ltd. Models CL-600-1A11, CL-600-2A12, CL-600-2B16, CL-600-2B19, CL-601, CL-601-3A, CL-601-3R; Cessna Aircraft Company Models 550 and 560; Dassault Aviation Models Mystere-Falcon 20 and 50; Empresa Brasileira de Aeronautica S/A Model Embraer EMB-120; Gulfstream Aerospace Corporation Models G-159, G-1159, G-1159A, and G-IV; Israel Aircraft Industrie, Ltd. Models 1124 and 1125; Jetstream Aircraft, Ltd. Jetstream Model 310; Learjet Corporation Models Learjet 35 and 36; Saab Aircraft AB Model Saab 340A; and Sikorsky Aircraft Division Model S-76A.

NOTE: This airworthiness directive (AD) applies to each product identified in the preceding applicability provision, regardless of whether it has been modified, altered, or repaired in the area subject to the requirements of this AD. For products that have been modified, altered, or repaired so that the performance of the requirements of this AD is affected, the owner/operator must use the authority provided in paragraph (e) to request approval from the Federal Aviation Administration (FAA). This approval may address either no action, if the current configuration eliminates the unsafe condition, or different actions necessary to address the unsafe condition described in this AD. Such a request should include an assessment of the effect of the changed configuration on the unsafe condition addressed by this AD. In no case does the presence of any modification, alteration, or repair remove any product from the applicability of this AD.

Compliance: Required as indicated, unless accomplished previously.

To prevent smoke, fire, electrical shock, and possible electromagnetic interference caused by high voltage arcing in the cabin which, if undetected, could result in personal hazard or loss of the aircraft, accomplish the following:

(a) Within 30 calendar days of the effective date of this airworthiness directive (AD), accomplish the following:

(1) Inspect the cabin fluorescent lighting system in accordance with ALC Information Bulletin No. IB 90-001, dated August 15, 1992, paragraph IV. "Fluorescent Lighting System Components Identification and Inspection Procedure," subparagraphs B.1, 2., 3., 5., 6., and 7.

(2) After completing the inspection above in paragraph (a)(1) of this AD, remove and replace any part(s) found to be damaged or improperly configured in accordance with paragraph IV. B.4, 8., and 9., as required, of ALC Information Bulletin No. IB 90-001, dated August 15, 1992.

(b) Within 5 flights or 10 flight hours, whichever occurs first, of a cabin fluorescent lighting system components failure, repeat the removal and replacement procedures of paragraph (a)(2) of this AD.

(c) An alternative method of compliance with paragraphs (a)(1), (a)(2), and (b) of this AD would be to turn the fluorescent lighting system off and to placard the system to prevent unintentional activation.

(d) Replacement of the following ALC parts, in accordance with the following instructions, constitutes terminating action to the inspections required by paragraph (b) of this AD. These actions are:

(1) Remove power units, P/N TR-991 or AL-0546, and replace with protected power units, P/N AL-5117, in accordance with ALC Installation Instruction (II) No. AL-11025M, dated March 15, 1992.

(2) Remove power units, P/N TR-992 or AL-0514, and replace with protected power unit, P/N AL-5112, in accordance with ALC II No. AL-11024M, dated March 15, 1992.

(3) Remove power supplies, P/N 18-95D or AL-0598 and dimmer, P/N 22-311 or AL-0542, and replace with protected power supply, P/N AL-5118 or AL-5130, in accordance with ALC II No. AL-11023M, Revision A, dated May 20, 1994.

(e) An alternative method of compliance or adjustment of the compliance time that provides an acceptable level of safety may be used if approved by the Manager, New York Aircraft Certification Office. The request should be forwarded through an appropriate FAA Principal Maintenance Inspector, who may add comments and then send it to the Manager, New York Aircraft Certification Office.

NOTE: Information concerning the existence of approved alternative methods of compliance with this AD, if any, may be obtained from the New York Aircraft Certification Office.

(f) Special flight permits may be issued in accordance with sections 21.197 and 21.199 of the Federal Aviation Regulations (14 CFR 21.197 and 21.199) to operate the aircraft to a location where the requirements of this AD can be accomplished.

(g) The actions required by this AD shall be done in accordance with the following service documents:

Document No.	Pages	Revision	Date
ALC II AL-11023M Total pages: 18.	1-18	A	May 20, 1994
ALC II AL-11024M Total pages: 9.	1-9	Original	March 15, 1992
ALC II AL-11025M Total pages: 9.	1-9	Original	March 15, 1992
ALC No. IB 90-001 Total pages: 13.	1	Revision	August 15, 1992
	2-8	Original	March 30, 1990
	9	Revision	August 15, 1992
	10-13	Original	March 30, 1990

This incorporation by reference was approved by the Director of the Federal Register in accordance with 5 U.S.C. 552(a) and 1 CFR part 51. Copies may be obtained from Aerospace Lighting Corporation, 101-8 Colin Drive, Holbrook, NY 11741; telephone (516) 563-6400, fax (516) 563-8781. Copies may be inspected at the FAA, New England Region, Office of the Assistant Chief Counsel, 12 New England Executive Park, Burlington, MA; or at the Office of the Federal Register, 800 North Capitol Street, NW., suite 700, Washington, DC.

(h) This amendment becomes effective on December 4, 1995.

FOR FURTHER INFORMATION CONTACT: Bradford Chin, Electronics Engineer, New York Aircraft Certification Office, FAA, Engine and Propeller Directorate, 10 Fifth St., Third Floor, Valley Stream, NY 11581-1200; telephone (516) 256-7507, fax (516) 568-2716.

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