
Sektion 2. Utlandstillverkad flygmateriel

TITEL: Kontroll av klaffarnas kabelsystem för utmattning

GÄLLER: Modeller angivna i bifogad kopia av FAA AD 98-07-17 alla S/N.

ÅTGÄRD: Utför åtgärder angivna i Twin Commander Aircraft Corporation (Twin Commander) Mandatory Service Bulletin No 226 daterad 14 april 1997 (Revision Nr 1 utgivningsdatum 15 juli 1997) eller senare utgåva.

TID FÖR ÅTGÄRD: Inom 300 flygtimmar räknat från 29 maj 1998 om ej tidigare utfört.

UNDERLAG: Twin Commander Aircraft Corporation (Twin Commander) Mandatory Service Bulletin No 226 daterad 14 april 1997 (Revision Nr 1 utgivningsdatum 15 juli 1997)
FAA AD 98-07-17

REFERENS: FAA AD 98-07-17

BESLUTSDATUM: 1998-04-24

LFS 1998:28

Åtgärder enligt LVD utgör nödvändig förutsättning för ifrågavarande flygmateriels luftvärdighet. Referens BCL M 1.11.

Anteckning om åtgärd, som vidtagits i enlighet med LVD, skall införas i teknisk journal för berörd flygmateriel med hänvisning till ifrågavarande LVD-nummer. Angivet underlag refererar till senast gällande revision/utgåva. LVD utges i luftfartsverkets författningssamlingar LFS.

Postadress	Gatuadress	Telefonnummer	Telegram Civilair	Telex
601 79 NORRKÖPING	Vikboplan 11	011-192000	Norrköping	62450

AIRWORTHINESS DIRECTIVE

Bilaga till LVD 2865

REGULATORY SUPPORT DIVISION
P.O. BOX 26460
OKLAHOMA CITY, OKLAHOMA 73125-0460

U.S. Department
of Transportation
Federal Aviation
Administration

The following Airworthiness Directive issued by the Federal Aviation Administration in accordance with the provisions of Federal Aviation Regulations, Part 39, applies to an aircraft model of which our records indicate you may be the registered owner. Airworthiness Directives affect aviation safety and are regulations which require immediate attention. You are cautioned that no person may operate an aircraft to which an Airworthiness Directive applies, except in accordance with the requirements of the Airworthiness Directive (reference FAR Subpart 39.3).

98-07-17 TWIN COMMANDER AIRCRAFT CORPORATION: Amendment 39-10437; Docket No. 97-CE-69-AD. Supersedes AD 94-04-17, Amendment 39-8837.

Applicability: The following airplane models (all serial numbers), certificated in any category:

500	500-A	500-B	500-S	500-U
520	560	560-A	560-E	560-F
680	680-E	680-F	680FL	680FL(P)
680FP	680T	680V	680W	681
685	690	690A	690B	690C
690D	695	695A	695B	720

NOTE 1: This AD applies to each airplane 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 airplanes that have been modified, altered, or repaired so that the performance of the requirements of this AD is affected, the owner/operator must request approval for an alternative method of compliance in accordance with paragraph (e) of this AD. The request should include an assessment of the effect of the modification, alteration, or repair on the unsafe condition addressed by this AD; and, if the unsafe condition has not been eliminated, the request should include specific proposed actions to address it.

Compliance: Required as indicated in the body of this AD, unless already accomplished.

To prevent failure of a flap system cable caused by fatigue, which could result in loss of control of the airplane, accomplish the following:

(a) Within the next 300 hours time-in-service (TIS) after the effective date of this AD, unless already accomplished, perform the following in accordance with the ACCOMPLISHMENT INSTRUCTIONS section of Twin Commander Aircraft Corporation (Twin Commander) Mandatory Service Bulletin No. 226, dated April 14, 1997 (Revision No. 1 Release Date: July 15, 1997):

- (1) Inspect all flap system cable grooves for the correct width;
- (2) Inspect all flap system pulleys for rubbing on the support brackets;
- (3) Inspect all flap pulley cable assemblies for frayed wires; and
- (4) Mark pulleys that have been inspected and have the correct groove radius with two parallel lines as specified in the service bulletin.

NOTE 2: Revision No. 1 Release Date: July 15, 1997, of Twin Commander Mandatory Service Bulletin No. 226, specifies changes in the workhours necessary to accomplish this action and makes reference to a gauge that is available from the manufacturer for use in accomplishing the inspection.

(b) If any of the above discrepancies are found, prior to further flight after the inspections required by paragraph (a), including all subparagraphs, of this AD, rework or replace the affected part in accordance with Twin Commander Mandatory Service Bulletin No. 226, dated April 14, 1997 (Revision No. 1 Release Date: July 15, 1997).

(c) As of the effective date of this AD, no person may install a pulley that does not have the criteria presented in either paragraph (c)(1), (c)(2), or (c)(3) of this AD:

- (1) A pulley that has been inspected, found acceptable, and marked with two parallel lines in accordance with paragraph (a), including all subparagraphs, of this AD;
- (2) A pulley that has been reworked in accordance with an FAA-approved procedure and is marked "SB 226"; or
- (3) A new pulley that is marked "SB 226-NEW".

(d) 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 airplane to a location where the requirements of this AD can be accomplished.

(e) An alternative method of compliance or adjustment of the compliance time that provides an equivalent level of safety may be approved by the Manager, Seattle Aircraft Certification Office (ACO), Northwest Mountain Region, FAA, 1601 Lind Avenue S.W., Renton, Washington 98055-4056.

(1) The request shall be forwarded through an appropriate FAA Maintenance Inspector, who may add comments and then send it to the Manager, Seattle ACO.

(2) Alternative methods of compliance approved in accordance with AD 94-04-17 (superseded by this AD) are not considered approved as alternative methods of compliance for this AD.

NOTE 3: Information concerning the existence of approved alternative methods of compliance with this AD, if any, may be obtained from the Seattle ACO.

(f) The inspections and replacements required by this AD shall be done in accordance with Twin Commander Mandatory Service Bulletin No. 226, dated April 14, 1997 (Revision No. 1 Release Date: July 15, 1997). 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 the Twin Commander Aircraft Corporation, 19003 59th Drive, NE, Arlington, Washington 98223-7832. Copies may be inspected at the FAA, Central Region, Office of the Regional Counsel, Room 1558, 601 E. 12th Street, Kansas City, Missouri, or at the Office of the Federal Register, 800 North Capitol Street, NW, suite 700, Washington, DC.

(g) This amendment supersedes AD 94-04-17, Amendment 39-8837.

(h) This amendment becomes effective on May 29, 1998.

FOR FURTHER INFORMATION CONTACT:

Mr. Jeffrey Morfitt, Aerospace Engineer, FAA, Northwest Mountain Region, 1601 Lind Avenue S.W., Renton, Washington 98055-4056; telephone: (425) 227-2595; facsimile: (425) 227-1181.