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Sektion 2. Utlandstillverkad flygmateriel

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**TITEL:** Repetetivt byte av V-klamma för motorns "tailpipe"

**GÄLLER:** Modellerna 35-C33A, E33A, E33C, F33A, F33C, S35, V35, V35A, V35B, 36 och A36 med installerad motor Teledyne Continental samt Tornado Alley Turbo Inc Supplemental Type Certificate (STC) SA5223NM och STC SE5222NM införda.

**ÅTGÄRD:** Utför angivna åtgärder enligt bifogad kopia av FAA AD 2001-08-08.

**TID FÖR ÅTGÄRD:** Inom tider och intervaller angivna i FAA AD 2001-08-08

**UNDERLAG:** Turbo-Flite 520/550 System Maintenance and Troubleshooting manual.  
  
Tornado Alley Turbo Inc Mandatory Service Bulletin Number TAT 98-1, daterad den 21 november 1998.

**REFERENS:** FAA AD 2001-08-08

**BESLUTSDATUM:** 11 maj 2001

**LFS** 2001:71

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	Faxnummer	Telegram	Telex
601 79 NORRKÖPING	Vikobplan 11	011-19 20 00	011-19 25 75	Civilair Norrköping	62450



U.S. Department  
of Transportation  
**Federal Aviation  
Administration**

## AIRWORTHINESS DIRECTIVE

Aircraft Certification Service  
Washington, DC

*We post ADs on the internet at "av-info.faa.gov".*

The following Airworthiness Directive issued by the Federal Aviation Administration in accordance with the provisions of Title 14 of the Code of Federal Regulations (14 CFR) 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 14 CFR part 39, subpart 39.3).

**2001-08-08 RAYTHEON AIRCRAFT COMPANY (The Beech Aircraft Corporation previously was the holder of Type Certificate 3A15): Amendment 39-12185; Docket No. 99-CE-63-AD.**

(a) What airplanes are affected by this AD? Models Beech 35-C33A, E33A, E33C, F33A, F33C, S35, V35, V35A, V35B, 36, and A36 airplanes, all serial numbers, that:

- (1) are certificated in any category;
- (2) incorporate a Teledyne Continental engine equipped with a turbonormalizing system;

and

(3) have Tornado Alley Turbo, Inc. Supplemental Type Certificate (STC) SA5223NM and STC SE5222NM incorporated.

Note 1: Cessna 185 series airplanes could have the subject clamp installed through the incorporation of Tornado Alley Turbo, Inc. STC SE00214DE and STC SE00215DE. The FAA has determined that the cracks at the weld spots in the V-band clamps are occurring because of the specific configuration of the Raytheon airplanes. We have received no reports of service problems with the affected V-band clamps installed on Cessna 185 series airplanes.

(b) Who must comply with this AD? Anyone who wishes to operate any of the above airplanes must comply with this AD.

(c) What problem does this AD address? The actions required by this AD are intended to prevent the tailpipe from detaching from the turbocharger due to failure of the V-band exhaust clamp. This could result in the release of high temperature gases inside the engine compartment with the potential for a consequent fire in the engine compartment.

(d) What actions must I accomplish to address this problem? To address this problem, you must accomplish the following:

Actions	Compliance Times	Procedures
Repetitively replace the V-band exhaust clamp, Aeroquip part number 4404C375-M.	Upon accumulating 400 hours time-in-service (TIS) after incorporating Tornado Alley Turbo, Inc. STC SA5223NM and STC SE5222NM on the airplane or within the next 25 hours TIS after June 7, 2001 (the effective date of this AD), whichever occurs later, and thereafter at intervals not to exceed 400 hours TIS.	Use the procedures in the Turbo-Flite™ 520/550 System Maintenance and Troubleshooting manual. Tornado Alley Turbo, Inc. Mandatory Service Bulletin Number TAT 98-1, dated November 21, 1998, references these replacements and procedures.

(e) Can I comply with this AD in any other way? You may use an alternative method of compliance or adjust the compliance time if:

- (1) Your alternative method of compliance provides an equivalent level of safety; and
- (2) The Manager, Rotorcraft Directorate, Special Certification Office, approves your alternative. Submit your request through an FAA Principal Maintenance Inspector, who may add comments and then send it to the Manager, Rotorcraft Directorate, Special Certification Office, 2601 Meacham Boulevard, Fort Worth, Texas 76193-0190.

Note 2: This AD applies to each airplane identified in paragraph (a) of this AD, 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 you have not eliminated the unsafe condition, specific actions you propose to address it.

(f) Where can I get information about any already-approved alternative methods of compliance? You can contact Mr. Peter Hakala, Aerospace Engineer, FAA, Rotorcraft Directorate, Special Certification Office, 2601 Meacham Boulevard, Fort Worth, Texas 76193-0190; telephone: (817) 222-5145; facsimile: (817) 222-5785.

(g) What if I need to fly the airplane to another location to comply with this AD? The FAA can issue a special flight permit under sections 21.197 and 21.199 of the Federal Aviation Regulations (14 CFR 21.197 and 21.199) to operate your airplane to a location where you can accomplish the requirements of this AD.

(1) In order for this permit to be granted, the airplane must pass the push/pull test specified in Tornado Alley Turbo, Inc., Mandatory Service Bulletin Number TAT 98-1, dated November 21, 1998.

(2) Anyone who holds at least a private pilot certificate, as authorized by section 43.7 of the Federal Aviation Regulations (14 CFR 43.7), may accomplish the push/pull test referenced in paragraph (g)(1) of this. You must make an entry into the aircraft records that shows compliance with this portion of the AD, in accordance with section 43.9 of the Federal Aviation Regulations (14 CFR 43.9).

(h) How do I get copies of the documents referenced in this AD? You may obtain a copy of the service documents referenced in this AD from Tornado Alley Turbo, Inc., 300 Airport Road, Ada, Oklahoma 74820; telephone: toll free 1-877-359-8284, or (580) 332-3510; facsimile: (580) 332-4577; or you may examine this document at FAA, Central Region, Office of the Regional Counsel, 901 Locust, Room 506, Kansas City, Missouri 64106.

(i) When does this amendment become effective? This amendment becomes effective on June 7, 2001.

FOR FURTHER INFORMATION CONTACT: Mr. Peter W. Hakala, Aerospace Engineer, FAA, Rotorcraft Directorate, Special Certification Office, 2601 Meacham Boulevard, Fort Worth, Texas 76193-0190; telephone: (817) 222-5145; facsimile: (817) 222-5785.

Issued in Kansas City, Missouri, on April 12, 2001.

Michael Gallagher, Manager, Small Airplane Directorate, Aircraft Certification Service.