



CIVIL AVIATION AUTHORITY  
CZECH REPUBLIC  
Airworthiness Division  
Airport Ruzyně, 160 08 Prague 6  
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## AIRWORTHINESS DIRECTIVE

**Number: CAA-AD-013/2003**

Date of issue: January 21 2003

**Raytheon Aircraft Company**

36, A36, B36TC, A36TC, 58, 58A

### AIRCRAFT – FUSELAGE PANEL ASSEMBLY – RIVETS – INSPECTION/CORRECTION

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**Applicability:** This AD affects the following airplane models and serial numbers that are certificated in any category:

Model	Serial Nos.
(1) Group 1:	
A36	E-185 through E-3231 and E-3233.
B36TC	EA-242 and EA-273 through EA-635.
58	TH-1 through TH-1811 and TH-1813 through TH-1897.
(2) Group 2:	
36	E-1 through E-184.
A36TC	EA-1 through EA-241 and EA-243 through EA-272.
58A	TH-1 through TH-1811 and TH-1813 through TH-1897.

**Effective date:** March 20, 2003

**Compliance:** Required as indicated in FAA AD 2003-01-01

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*Remarks: The compliance of this AD must be recorded in Aircraft Logbook, where applicable the requirements of this AD must be integrated into Aircraft Technical Documentation. Address inquiries concerning this AD to: Civil Aviation Authority, Airworthiness Division, Ruzyně Airport, 160 08 Prague 6, Czech Republic, tel: 420 233320922, fax: 420 220562270.*

**Ing. Pavel MATOUŠEK**  
director

**2003-01-01 Raytheon Aircraft Company:** Amendment 39-13012; Docket No. 2002-CE-07-AD.

(a) *What airplanes are affected by this AD?* This AD affects the following airplane models and serial numbers that are certificated in any category:

Model	Serial Nos.
(1) Group 1:	
A36	E-185 through E-3231 and E-3233.
B36TC	EA-242 and EA-273 through EA-635.
58	TH-1 through TH-1811 and TH-1813 through TH-1897.
(2) Group 2:	
36	E-1 through E-184.
A36TC	EA-1 through EA-241 and EA-243 through EA-272.
58A	TH-1 through TH-1811 and TH-1813 through TH-1897.

(b) *Who must comply with this AD?* Anyone who wishes to operate any of the airplanes identified in paragraph (a) of this AD must comply with this AD.

(c) *What problem does this AD address?* The actions specified by this AD are intended to detect and correct missing rivets in the right hand fuselage panel assembly in the area above the right wing and below the cabin door threshold. These rivets must be present for the fuselage to carry the ultimate load and prevent critical structural failure with loss of control of the airplane.

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

Actions	Compliance	Procedures
(1) For Group 1 airplanes: inspect for up to 9 missing rivets between fuselage station (F.S.) 83.00 and F.S. 91.00 at water line (W.L.) 90.3.	Within the next 100 hours time-in-service (TIS) after February 16, 2001 (the effective date of AD 2000-26-16), unless already accomplished.	In accordance with the ACCOMPLISHMENT INSTRUCTIONS section of Raytheon Mandatory Service Bulletin SB 53-3341, Rev. 1, Revised: May 2000; or Raytheon Mandatory Service Bulletin SB 53-3341, Rev. 2, Revised: October, 2002; and the Bonanza Series Maintenance Manual or Baron Model 58 Series Maintenance Manual.
(2) For Group 2 airplanes: inspect for up to 9 missing rivets between fuselage station (F.S.) 83.00 and F.S. 91.00 at water line (W.L.) 90.3.	Within the next 100 hours time-in-service after February 27, 2003 (the effective date of this AD), unless already accomplished.	In accordance with the ACCOMPLISHMENT INSTRUCTIONS section of Raytheon Mandatory Service Bulletin SB 53-3341, Rev. 1, Revised: May 2000; or Raytheon Mandatory Service Bulletin SB 53-3341, Rev. 2, Revised: October, 2002; and the Bonanza Series Maintenance Manual.
(3) For all affected airplanes: if you find rivets are missing, install these rivets.	Before further flight after the inspection, unless already accomplished.	In accordance with the ACCOMPLISHMENT INSTRUCTIONS section of Raytheon Mandatory Service

		Bulletin SB 53-3341, Rev. 1, Revised: May 2000; or Raytheon Mandatory Service Bulletin SB 53-3341, Rev. 2, Revised: October, 2002; and the Bonanza Series Maintenance Manual or Baron Model 58 Series Maintenance Manual.
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(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) You may use an alternative method of compliance or adjust the compliance time if:

(i) Your alternative method of compliance provides an equivalent level of safety; and

(ii) The Manager, Wichita Aircraft Certification Office (ACO), approves your alternative. Submit your request through an FAA Principal Maintenance Inspector, who may add comments and then send it to the Manager, Wichita ACO.

(2) Alternative methods of compliance approved in accordance with AD 2000-26-16, which is superseded by this AD, are approved as alternative methods of compliance with this AD.

**Note:** 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?* Contact T.N. Baktha, Aerospace Engineer, FAA, Wichita Aircraft Certification Office, 1801 Airport Road, Wichita, Kansas 67209; telephone: (316) 946-4155; facsimile: (316) 946-4407.

(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.

(h) *Are any service bulletins incorporated into this AD by reference?*

(1) Actions required by this AD must be done in accordance with Raytheon Mandatory Service Bulletin SB 53-3341, Rev. 1, Revised: May 2000, or Raytheon Mandatory Service Bulletin SB 53-3341, Rev. 2, Revised: October, 2002.

(i) The Director of the Federal Register approved the incorporation by reference of Raytheon Mandatory Service Bulletin SB 53-3341, Rev. 2, Revised: October, 2002, under 5 U.S.C. 552(a) and 1 CFR part 51.

(ii) The Director of the Federal Register previously approved the incorporation by reference of Raytheon Mandatory Service Bulletin SB 53-3341, Rev. 1, Revised May, 2000, as of February 16, 2001 (66 FR 1253, January 8, 2001).

(2) You may get copies from Raytheon Aircraft Company, PO Box 85, Wichita, Kansas 67201-0085; telephone: (800) 429-5372 or (316) 676-3140. You may view copies at the FAA, Central Region, Office of the Regional Counsel, 901 Locust, Room 506, Kansas City, Missouri, or at the Office of the Federal Register, 800 North Capitol Street, NW., suite 700, Washington, DC.

(i) *Does this AD action affect any existing AD actions?* This amendment supersedes AD 2000-26-16, Amendment 39-12066.

(j) *When does this amendment become effective?* This amendment becomes effective on February 27, 2003.