

been eliminated, the request should include specific proposed actions to address it.

**Compliance:** Required as indicated, unless accomplished previously.

To prevent fatigue cracking of the rear spar of the wings, which could result in reduced structural integrity of the airplane, accomplish the following:

#### Modification

(a) Before the accumulation of 30,000 total flight cycles or within 10 years after the effective date of this AD, whichever is first: Modify the attachment holes in the rear spar of the left and right wings (includes cold working 9 uncoined attachment holes and replacing 22 bolts with Hi-Lok fasteners), per Boeing Service Bulletin 717-57-0001, Revision 01, excluding Evaluation Form, dated January 6, 2003.

#### Alternative Methods of Compliance

(b) 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, Los Angeles Aircraft Certification Office (ACO), FAA. Operators shall submit their requests through an appropriate FAA Principal Maintenance Inspector, who may add comments and then send it to the Manager, Los Angeles ACO.

**Note 2:** Information concerning the existence of approved alternative methods of compliance with this AD, if any, may be obtained from the Los Angeles ACO.

#### Special Flight Permit

(c) 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.

#### Incorporation by Reference

(d) The actions shall be done in accordance with Boeing Service Bulletin 717-57-0001, Revision 01, excluding Evaluation Form, dated January 6, 2003. 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 Boeing Commercial Aircraft Group, Long Beach Division, 3855 Lakewood Boulevard, Long Beach, California 90846, Attention: Data and Service Management, Dept. C1-L5A (D800-0024). Copies may be inspected at the FAA, Transport Airplane Directorate, 1601 Lind Avenue, SW., Renton, Washington; or at the FAA, Los Angeles Aircraft Certification Office, 3960 Paramount Boulevard, Lakewood, California; or at the Office of the Federal Register, 800 North Capitol Street, NW., Suite 700, Washington, DC.

#### Effective Date

(e) This amendment becomes effective on July 1, 2003.

Issued in Renton, Washington, on May 16, 2003.

**Vi L. Lipski,**

*Manager, Transport Airplane Directorate,  
Aircraft Certification Service.*

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## DEPARTMENT OF TRANSPORTATION

### Federal Aviation Administration

#### 14 CFR Part 39

**[Docket No. 2001-NM-335-AD; Amendment 39-13158; AD 2003-10-13]**

**RIN 2120-AA64**

#### **Airworthiness Directives; Raytheon Model Beech 400A and 400T Series Airplanes**

**AGENCY:** Federal Aviation Administration, DOT.

**ACTION:** Final rule.

**SUMMARY:** This amendment adopts a new airworthiness directive (AD), applicable to certain Raytheon Model Beech 400A and 400T series airplanes, that requires replacement of the low-pressure oxygen tubing located in the forward fuselage (nose avionics bay), lower forward flight deck, and lower forward cabin areas, as applicable, with new low-pressure oxygen tubing. This action is necessary to prevent leakage of oxygen from scored low-pressure oxygen tubing, which could result in lack of available oxygen for the flightcrew, or possible explosion or fire. This action is intended to address the identified unsafe condition.

**DATES:** Effective July 1, 2003.

The incorporation by reference of certain publications listed in the regulations is approved by the Director of the Federal Register as of July 1, 2003.

**ADDRESSES:** The service information referenced in this AD may be obtained from Raytheon Aircraft Company, Department 62, P.O. Box 85, Wichita, Kansas 67201-0085. This information may be examined at the Federal Aviation Administration (FAA), Transport Airplane Directorate, Rules Docket, 1601 Lind Avenue, SW., Renton, Washington; or at the FAA, Wichita Aircraft Certification Office, 1801 Airport Road, Room 100, Mid-Continent Airport, Wichita, Kansas; or at the Office of the Federal Register, 800 North Capitol Street, NW., suite 700, Washington, DC.

**FOR FURTHER INFORMATION CONTACT:** David Ostrodka, Aerospace Engineer, Airframe and Services Branch, ACE-118W, FAA, Wichita Aircraft

Certification Office, 1801 Airport Road, Room 100, Mid-Continent Airport, Wichita, Kansas 67209; telephone (316) 946-4129; fax (316) 946-4107.

**SUPPLEMENTARY INFORMATION:** A proposal to amend part 39 of the Federal Aviation Regulations (14 CFR part 39) to include an airworthiness directive (AD) that is applicable to certain Raytheon Model Beech 400A and 400T series airplanes was published in the **Federal Register** on February 24, 2003 (68 FR 8563). That action proposed to require replacement of the low-pressure oxygen tubing located in the forward fuselage (nose avionics bay), lower forward flight deck, and lower forward cabin areas, as applicable, with new low-pressure oxygen tubing.

#### Comments

Interested persons have been afforded an opportunity to participate in the making of this amendment. No comments were submitted in response to the proposal or the FAA's determination of the cost to the public.

#### Conclusion

The FAA has determined that air safety and the public interest require the adoption of the rule as proposed.

#### **Changes to 14 CFR Part 39/Effect on the AD**

On July 10, 2002, the FAA issued a new version of 14 CFR part 39 (67 FR 47997, July 22, 2002), which governs the FAA's airworthiness directives system. The regulation now includes material that relates to altered products, special flight permits, and alternative methods of compliance. However, for clarity and consistency in this final rule, we have retained the language of the notice of proposed rulemaking (NPRM) regarding that material.

#### Cost Impact

There are approximately 34 airplanes of the affected design in the worldwide fleet. The FAA estimates that 27 airplanes of U.S. registry will be affected by this AD, that it will take approximately 25 work hours per airplane to accomplish the required replacement, and that the average labor rate is \$60 per work hour. Required parts will cost approximately \$1,052 per airplane. Based on these figures, the cost impact of the AD on U.S. operators is estimated to be \$68,904, or \$2,552 per airplane.

The cost impact figure discussed above is based on assumptions that no operator has yet accomplished any of the requirements of this AD action, and that no operator would accomplish those actions in the future if this AD