



CIVIL AVIATION AUTHORITY  
CZECH REPUBLIC  
Airworthiness Division  
Airport Ruzyně, 160 08 Prague 6  
Tel: 420 233320922, fax: 420 220562270

## AIRWORTHINESS DIRECTIVE

**Number: CAA-AD-071/2004**

Date of issue: September 06, 2004

**Raytheon Aircraft Company**

65-A90, B90, C90, C90A, E90, F90, ++

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*This AD has been issued in accordance with Decision No.: 2/2003 of the Executive Director of the EASA (ADs issued by the state of design are automatically adopted in EU member states).*

### AIRCRAFT – THROTTLE/PROP CROSS SHAFT ASSEMBLY – INSPECTION/REPLACEMENT

**Applicability:** This AD affects airplane models and serial numbers that are certificated in any category, listed in FAA AD 2004-17-02.

**Effective date:** October 28, 2004

**Compliance:** Required as indicated in FAA AD 2004-17-02.

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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

**When Does This AD Become Effective?**

(a) This AD becomes effective on October 4, 2004.

**What Other ADs Are Affected by This Action?**

(b) None.

**What Airplanes Are Affected by This AD?**

(c) This AD affects the following airplane models and serial numbers that are certificated in any category:

Model	Serial Nos.
(1) 65-A90, B90, C90, and C90A	LJ-76, LJ-114 through LJ-1691.
(2) E90	LW-1 through LW-347.
(3) F90	LA-2 through LA-236.
(4) 99, 99A, A99A, B99 and C99	U-1 through U-239.
(5) 100 and A100	B-1 through B-94, B-100 through B-204, and B-206 through B-247.
(6) B100	BE-1 through BE-137.
(7) 200 and B200	BB-2, BB-6 through BB-185, BB-187 through BB-202, BB-204 through BB-269, BB-271 through BB-407, BB-409 through BB-468, BB-470 through BB-488, BB-490 through BB-509, BB-511 through BB-529, BB-531 through BB-550, BB-552 through BB-562, BB-564 through BB-572, BB-574 through BB-590, BB-592 through BB-608, BB-610 through BB-626, BB-628 through BB-646, BB-648 through BB-664, BB-666 through BB-694, BB-696 through BB-797, BB-799 through BB-822, BB-824 through BB- 870, BB-872 through BB-894, BB-896 through BB-990, BB-992 through BB-1051, BB-1053 through BB-1092, BB-1094, BB-1095, BB-1099 through BB-1104, BB-1106 through BB-1116, BB-1118 through BB-1184, BB-1186 through BB-1263, BB-1265 through BB-1288, BB-1290 through BB-1300, BB-1302 through BB-1313, BB-1315 through BB-1384, BB-1389 through BB-1425, BB-1427 through BB-1447, BB-1449, BB-1450, BB-1452, BB-1453, BB-1455, BB-1456, BB-1458 through BB-1683, BB-1685 through BB-1716, BB-1718 through BB-1720, BB-1722, BB-1723, BB-1725, BB-1726, BB-1728 through BB-1826.
(8) 200C and B200C	BL-1 through BL-23, BL-25 through BL-57, BL-61 through BL-72, and BL-124 through BL-147.
(9) 200CT and B200CT	BN-1 through BN-4.
(10) 200T and B200T	BT1 through BT-38, and BB-1314.
(11) 300 and 300LW	FA-1 through FA-230; and FF-1 through FF-19.
(12) B300	FL-1 through FL-379.
(13) B300C	FM-1 through FM-10; and FN-1.

(14) 1900	UA-3.
(15) 1900C	UB-1 through UB-74 and UC-1 through UC-174.
(16) 1900D	UE-1 through UE-439.
(17) 65-A90-1 (U-21A or U-21G)	LM-1 through LM-141.
(18) 65-A90-2 (RU-21B)	LS-1 through LS-3.
(19) 65-A90-3 (U-21 Series)	LT-1 and LT-2.
(20) 65-A90-4 (U-21 Series)	LU-1 through LU-16.
(21) H90 (T-44A)	LL-1 through LL-61.
(22) A100-1 (U-21J)	BB-3 through BB-5.
(23) A100 (U-21F)	B-95 through B-99.
(24) A200 (C-12A and C-12C)	BC-1 through BC-75 and BD-1 through BD-30.
(25) A200C (UC-12B)	BJ-1 through BJ-66.
(26) A200CT (C-12D, FWC-12D, C-12F)	BP-1, BP-7 through BP-11, BP-19, BP-22, and BP-24 through BP-63.
(27) A200CT (RC-12D, RC-12H)	GR-1 through GR-12, and GR-14 through GR-19.
(28) A200CT (RC-12G)	FC-1 through FC-3.
(29) A200CT (RC-12K, RC-12P and RC-12Q)	FE-1 through FE-9, and FE-25 through FE-36.
(30) B200C (C-12F)	BL-73 through BL-112, and BL-118 through BL-123; BP-64 through BP-71.
(31) B200C (C-12R)	BW-1 through BW-29.
(32) B200C (UC-12M)	BV-1 through BV-10.
(33) B200C (UC-12F)	BU-1 through BU-10.
(34) 1900C (C-12J)	UD-1 through UD-6.

**What Is the Unsafe Condition Presented in This AD?**

(d) This AD is the result of numerous reports of loose bolts on the pedestal attachment of the throttle/prop cross shaft assembly. The actions specified in this AD are intended to detect and correct loose bolts not securing the pedestal cross shaft, which could result in limited effectiveness of the control levers. This failure could lead to an aborted takeoff.

**What Must I Do To Address This Problem?**

(e) To address this problem, you must do the following:

<b>Actions</b>	<b>Compliance</b>	<b>Procedures</b>
(1) Inspection and torque: (i) inspect the engine controls/cross shaft/pedestal for proper installation and torque; and (ii) re-torque the cross attach bolt.	Initially inspect within the next 50 hours time-in-service (TIS) after October 4, 2004 (the effective date of this AD), unless already done within the last 50 hours TIS, and thereafter at intervals not to exceed 100 hours TIS until the modification in paragraph (e)(3) of this AD is done.	Follow Part I, Accomplishment Instructions of Raytheon Aircraft Company Mandatory Service Bulletin No. SB 73-3634, dated September 2003. The applicable airplane maintenance manual also addresses this issue.
(2) If any improper installation or wrong torque is found during any inspection required by paragraph	Before further flight after the inspection in which any improper installation or wrong torque is found.	Follow Part I, Accomplishment Instructions of Raytheon Aircraft Company Mandatory Service Bulletin

(e)(1) of this AD, correct the installation or torque.		No. SB 73-3634, dated September 2003. The applicable airplane maintenance manual also addresses this issue.
(3) Modify the pedestal and replace the engine controls cross shaft hardware. Modification of the pedestal and replacement of the engine controls cross shaft hardware is the terminating action for the repetitive inspection and re-torque requirements specified in paragraph (e)(1) of this AD.	At the next scheduled Maintenance/inspection interval or 12 calendar months after October 4, 2004 (the effective date of this AD), whichever occurs later. You may do this modification before this time as terminating action for the repetitive inspection and retorque requirements.	Follow Part II, Accomplishment Instructions of Raytheon Aircraft Company Mandatory Service Bulletin No. SB 73-3634, dated September 2003. The applicable airplane maintenance manual also addresses this issue.

### May I Request an Alternative Method of Compliance?

(f) You may request a different method of compliance or a different compliance time for this AD by following the procedures in 14 CFR 39.19. Unless FAA authorizes otherwise, send your request to your principal inspector. The principal inspector may add comments and will send your request to the Manager, Wichita Aircraft Certification Office (ACO), FAA. For information on any already approved alternative methods of compliance, contact Jeff Pretz, Aerospace Engineer, Wichita ACO, FAA, 1801 Airport Road, Mid-Continent Airport, Wichita, Kansas 67209; telephone: (316) 946-4153; facsimile: (316) 946-4107.

### Does This AD Incorporate Any Material by Reference?

(g) You must do the actions required by this AD following the instructions in Raytheon Aircraft Company Mandatory Service Bulletin No. SB 73-3634, dated September, 2003. The Director of the Federal Register approved the incorporation by reference of this service bulletin in accordance with 5 U.S.C. 552(a) and 1 CFR part 51. You may get a copy from Raytheon Aircraft Company, 9709 E. Central, Wichita, Kansas 67201-0085; telephone: (800) 429-5372 or (316) 676-3140. You may review copies at FAA, Central Region, Office of the Regional Counsel, 901 Locust, Room 506, Kansas City, Missouri 64106; or at the National Archives and Records Administration (NARA). For information on the availability of this material at NARA, call (202) 741-6030, or go to: [http://www.archives.gov/federal\\_register/code\\_of\\_federal\\_regulations/ibr\\_locations.html](http://www.archives.gov/federal_register/code_of_federal_regulations/ibr_locations.html).

### Footer Information

Issued in Kansas City, Missouri, on August 12, 2004.  
John R. Colomy,  
Acting Manager, Small Airplane Directorate,  
Aircraft Certification Service.  
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