



ÚŘAD PRO CIVILNÍ LETECTVÍ  
ČESKÁ REPUBLIKA  
Sekce technická

letišťe Ruzyně, 160 08 Praha 6  
tel: 233320922, fax: 220562270

## PŘÍKAZ K ZACHOVÁNÍ LETOVÉ ZPŮSOBILOSTI

Číslo: CAA-AD-069/2003

Datum vydání: 29. července 2003

Becker Flugfunkwerk GmbH  
AR4201

### LETADLOVÉ ZAŘÍZENÍ – PALUBNÍ RADIOSTANICE – KONTROLA/ÚPRAVA

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**Týká se:** VHF-AM palubních radiostanic AR4201-( ) vyrobených firmou Becker Flugfunkwerk GmbH, výrobních čísel 150 až 9499 včetně.

**Důvod vydání:** hardwarová modifikace pro odstranění komunikačních problémů palubní radiostanice.

**Datum účinnosti:** 04. září 2003.

**Provést v termínech:**

Jak je popsáno v LBA AD 2003-234 od data účinnosti tohoto PZZ.

**Postup provedení prací:**

Dle LBA AD 2003-234 (příloha tohoto PZZ).

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*Poznámky:*

- Provedení tohoto PZZ musí být zapsáno do letadlové knihy.
- Případné dotazy týkající se tohoto PZZ adresujte na ÚCL sekce technická – Ing. Saltuari.
- Pokud to vyžaduje povaha tohoto PZZ, musí být zpracován do příslušné části dokumentace pro obsluhu, údržbu a opravy letadla.
- Tento PZZ byl vypracován na základě LBA AD 2003-234.

**Ing. Pavel MATOUŠEK**  
ředitel

**Airworthiness Directive  
Luftfahrt-Bundesamt  
2003-234**

Airworthiness Directive Section  
Hermann-Blenk-Str. 26  
38108 Braunschweig  
G E R M A N Y

**Effective Date: 21 August 2003  
Becker Flugfunkwerk GmbH**

**Affected:**

Kind of aeronautical product: Communication, VHF-AM-Transceiver  
Manufacturer: Becker Flugfunkwerk GmbH, Rheinmünster, Germany  
Type: AR4201  
Models affected: AR4201-() Series  
Serial numbers affected: 150 up to and including 9499  
German Type Certificate No.: LBA.O.10.911/087JTSO

**Subject:**

Hardware modification due to communication problems.

**Reason:**

VHF-AM-Transceiver (Communication, ATA Code 23-10-00) - incorrect response of the receiver to strong signal strengths and interference from transmitters operating on frequencies other than those set in this device. This defect may possibly lead to communication problems between flight crew and ATC unit.

**Action:**

Within the scope of this Airworthiness Directive, the following actions are required:

1. Inspection of the installed Becker AR4201 devices if the S/N corresponds to one of the numbers specified above. S/N can be found on the identification plate on one side of the device or be obtained from the product documentation. Equipment without any of the above mentioned S/N's is not affected by the further actions of this Airworthiness Directive.
2. The following limitation is to be inserted in the Airplane Flight Manual 'Limitations' Section:  
„USAGE OF BECKER COMM EQUIPMENT 4201 IS RESTRICTED TO VFR OPERATIONS“.  
This requirement will be satisfied if a copy of this AD is inserted into the 'Limitations' section.
3. Alternatively or in addition to paragraph 2., the actions of the Becker Service Bulletin No.: AR4201-01/03 can be taken. After these actions have been performed, the additional remark specified in paragraph 2 shall be deleted from the Airplane Flight Manual.
4. Becker AR4201 VHF communication equipment with the a.m. serial numbers may not be installed into an aircraft unless the actions specified in paragraph 3. have been performed. Affected devices which are kept in stock as spare parts and may no longer be installed in aircraft shall be marked and cast off.

**Compliance:**

For the actions mentioned above the following compliance times have been laid down:

Action 1 and 2: Within 5 calendar days.

Action 3: At the discretion of the user.

Action 4: With immediate effect.

**Technical publication of the manufacturer:**

Becker Service Bulletin No. AR 4201-01/03 of 17 July 2003 becomes herewith part of this AD and may be obtained from Messrs.:

Becker Flugfunkwerk GmbH

Product Support

Baden Airpark, Gebäude B 108

77836 Rheinmünster, GERMANY

Phone ++49-7229-305-221

Fax ++49-7229-305-233

Enquiries regarding this Airworthiness Directive should be referred to Mr. Martin Borsum, Airworthiness Directive Section at the above address, fax-no. 0049 531/2355-725. Please note, that in case of any difficulty, reference should be made to the German issue!  
*LTA's / AD's and Technical Notes are published on the internet at <http://www.lba.de>*