



Bundesamt für Zivilluftfahrt (BAZL)
Office fédéral de l'aviation civile (OFAC)
Ufficio federale dell'aviazione civile (UFAC)
Federal Office for Civil Aviation (FOCA)

3003 Bern/Berne/Berna

**Lufttüchtigkeitsanweisung
Consigne de navigabilité
Prescrizione di aeronavigabilità
Airworthiness directive**

HB 91-202

Inkraftsetzung

Date en vigueur

Entrata in vigore

Effective Date

19.6.1991

Betroffene Muster – Types concernés – Applicabilità – Models affected

FFA Flugzeugwerke Altenrhein AG, all AS202 series aircraft, serial numbers up to and including 234, and spare parts held in stock that have not already been modified in accordance with Service Bulletin 36

Anlass/Massnahmen – Objet/Mesures – Oggetto/Provvedimenti – Subject/Action

Spring Pins in nose and main landing gear - Faulty batch of pins - Replacement of pins in lower fittings of nose and main landing gear guide rods, and lower end of main gear rocker arms

Fristen – Délais – Scadenza – Compliance

Within the next 50 hours time in service from the effective date on this page

Herkunft – Provenance – Provenienza – Origin

FFA Flugzeugwerke Altenrhein AG

Bezugnahme – Référence – Riferimento – Reference

FFA Service Bulletin AS202 BRAVO No. 36B (attached)

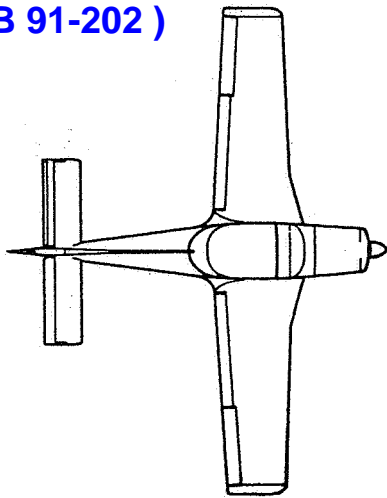
Bemerkungen – Observations – Osservazioni – Remarks

Supersedes HB 88-221

Rechtsmittelbelehrung siehe TM Nr.
Voies de droit voir CT no. F 80.015-10
Rimedi giuridici vedi CT no.
Right to appeal see TC no.

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MANDATORY

This revision eliminates the inspection portion of the original bulletin and imposes mandatory replacement. This revision supersedes Service Bulletins 36 and 36A, issued September 1988 and February 1990 respectively.

Spring Pins in Nose and Main Landing Gear

1. Planning Information

1.1 Effectivity:

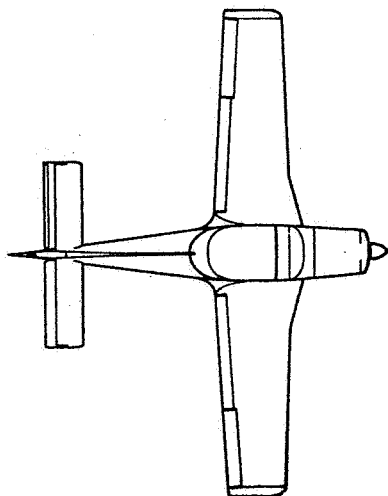
- Aircraft affected:
all AS202 Bravo aircraft serial numbers up to and including 234, and spare parts held in stock that have not already been modified in accordance with previous issues of this bulletin.

1.2 Reason:

Cracks in spring pins P/N MS 9048 - 240.
A faulty batch of pins has resulted in some specimens displaying brittleness and cracks. Since the faulty batch cannot be isolated, all subject pins must be replaced with stainless steel pins P/N MS 171662.

1.3 Contents of this Bulletin

- Instructions for replacement of pins in lower fittings of main and nose landing gear guide rods, and lower end of main gear rocker arms.



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for S/N 001-223, Guide rods:
IPC 32-10-01/02 item 9
and 32-20-01 item 22

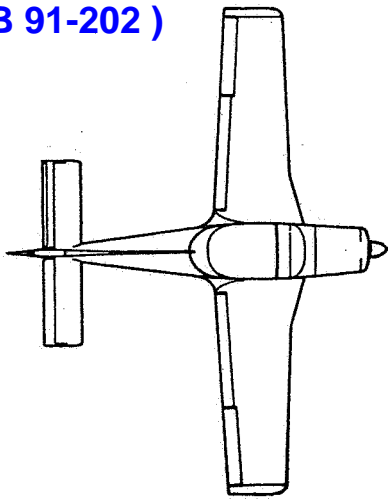
for S/N 224-234, Guide rods:
IPC 32-10-01/02 item 5
and 32-20-01 item 17

for all a/c main landing gear,
rocker arms:
IPC 32-10-01/02 item 16.

N.B. Subject pins not
illustrated.

- | | |
|---------------------------------------|--|
| 1.4 Compliance: | Within the next 50 hours time in service. |
| 1.5 Approval: | Approved by the Federal Office for Civil Aviation as an Airworthiness Directive. |
| 1.6 Manpower: | Replacement 10 mins. per pin. |
| 1.7 Material: | Pins (P/N MS 171662) are available from FFA - quantity required - 5 per aircraft. Mastinox. |
| 1.8 Tools: | Hammer. |
| 1.9 Weight and Balance | Not affected. |
| 1.10 Electric load data | Not affected. |
| 1.11 Reference to other publications: | S/N 001-223 Maint.Manual, Chapter 32-10-01/02 and 32-20-01

S/N 224-234 Maint.Manual, Chapter 32-10-00 and 32-20-01. |



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2. Accomplishment Instructions

2.1 Pin Replacement:

Locate the subject pins :
The guide rod pins are fitted immediately above the main pivot pins at the base of the guide rods. The rocker arm pins are fitted at the lower end of the arm through the horizontal member.

Drive in a new pin in each location, first coating it with Mastinox. The new pin will force out the old one. Seal off each pin with Mastinox.

2.2 Disposition of displaced parts:

Scrap.

2.3 Final Operation:

Execution of this Bulletin shall be entered in the aircraft maintenance log book.

FFA Altenrhein
Product Support
Department
May 1991.