

# SERVICE BULLETIN

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:

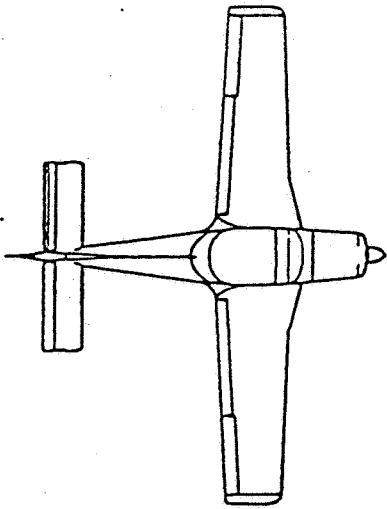
- Aircraft affected:  
all AS202 Bravo aircraft serial numbers up to and including 234, and spare parts held in stock that have not already been modified in accordance with previous issues of this bulletin.

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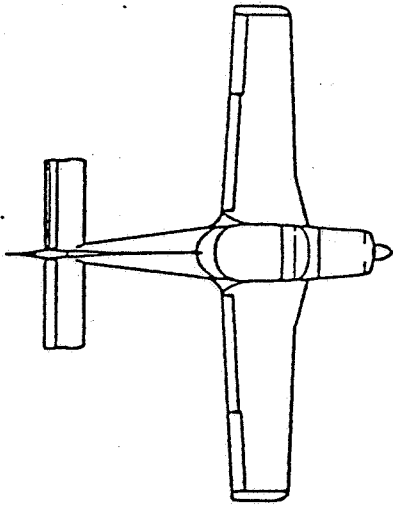
for S/N 001-223, Guide rods:  
IPC 32-10-01/02 item 9  
and 32-20-01 item 22

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<br><br>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.