



CIVIL AVIATION AUTHORITY  
CZECH REPUBLIC  
Airworthiness Division

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## AIRWORTHINESS DIRECTIVE

**Number: CAA-AD-084/2003R2**

Supersedes CAA-AD-084/2003R1

Date of issue: March 15, 2004

**EADS SOCATA**

TB9, TB10, TB200, TB20, TB21

### AIRCRAFT – GIMBAL JOINT AILERON AND ELEVATOR CONTROL (ATA 27) – INSPECTION

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**Applicability:** EADS SOCATA TB9, TB10, TB200, TB20 and TB21 aeroplanes all serial numbers on which change No.: MOD 10-0209-27 or Service Bulletin (SB) No.: BS 10-140 have not been performed.

**Effective date:** May 13, 2004.

**Compliance:** Required as indicated in DGAC AD F-2003-368(A) R2.

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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 2 33320922, fax: 420 2 20562270.*

**Ing. Pavel MATOUŠEK**  
director

**DGAC AD No.: F-2003-368(A) R2**

**EADS SOCATA**

**TB9. TB10. TB200. TB20 and TB21 aeroplanes**

Gimbal joint aileron and elevator control inspection (ATA 27)

**Airworthiness Directives(s) replaced: 2003-368 R1**

**1. EFFECTIVITY:**

EADS SOCATA TB9, TB10, TB200, TB20 and TB21 aeroplanes all serial numbers on which change No.: MOD 10-0209-27 or Service Bulletin (SB) No.: BS 10-140 have not been performed.

**2. REASONS**

A disconnecting of the aileron gimbal joint due to the failure of a shear pin which may lead to the loss of aircraft roll control. The gimbal joint of the elevator which has a similar conception may have the same problems.

The purpose of this Revision 2 is to exclude from aircraft effectivity, the ones being modified according to change No.: MOD 10-0209-27 or Service Bulletin (SB) No.: BS 10-140 which brings a definite solution to the problem.

**3. MANDATORY ACTIONS AND COMPLIANCE TIMES:**

The following measures are made mandatory from the effective date of this AD:

3.1. Within 300 flight hours or 12 months (whichever occurs first) following the aircraft delivery or the latest replacement done of the 3 gimbal joints of aileron and elevator controls

or

Within 50 flight hours from the effective date of this AD (whichever occurs later), inspect the gimbal joints according to the instruction of EADS SOCATA Service Bulletin in reference.

3.2. Repeat this inspection at intervals not exceeding 110 flight hours or 14 months, whichever occurs first.

**4. REFERENCE PUBLICATION:**

Service Bulletin EADS SOCATA TB n° 10-130 Rev. 2 dated January, 2004.

**5. EFFECTIVE DATES:**

**Original issue: OCTOBER 11, 2003**

**Revision 1: OCTOBER 25, 2003**

**Revision 2: MARCH 13, 2004**

**6. REMARKS:**

For questions concerning the technical contents of this AD requirements, contact:  
EADS SOCATA Tarbes at following address:

Direction des Services  
65921 TARBES Cedex 9  
France

or

SOCATA AIRCRAFT for USA at following address:

Socata Aircraft  
North Perry Airport  
7501 Pembroke Road  
Pembroke Pines  
FL 33023USA

**7.:APPROVAL:**

This AD is approved under EASA reference No 2004-1614 dated February 24, 2004.