



Airworthiness Directive

D-2005-200R1

Luftfahrt-Bundesamt

Airworthiness Directive Section
Hermann-Blenk-Str. 26
38108 Braunschweig
GERMANY

This Airworthiness Directive supersedes the LBA-Airworthiness Directive D-2005-200 of 17 June 2005.

Siebelwerke ATG

Effective Date: 30 March 2006

Affected:

Kind of aeronautical product:	Aircraft
Manufacturer:	Siebelwerke ATG, Donauwörth, Germany
Type:	TC-Holder: EADS Deutschland, Militärflugzeuge, München, Germany
Models affected:	SIAT 223
Serial Numbers affected:	SIAT 223 V, SIAT 223 A1 and SIAT 223 K1
German Type Certificate No.:	all
	679

Subject:

In-flight wing separation

Reason/Action:

Based on further information during investigations of an in-flight loss of structural integrity of a wing spar on airplane model SIAT 223 K1 the following actions are required:

1. All airplanes SIAT 223V, A1 and K1 on which the life of their wing has exceeded 1.900 flight hours are grounded, till one of the following actions have been done:
 - a) Inspection and repair of wing, recommended by the TC holder (EADS Munich GmbH) or
 - b) Installation of new wing.

Note: If the life time of the wing can not be determined, the life time of airplane fuselage has to be used.

2. Airplanes on which the wing did not yet reached the 1.900 flight hours, may be operated as normal category airplanes as long as the time limit is not exceeded. Any aerobatic manoeuvres are forbidden. The airplane holder has to place a placard in view of the pilot, stating "Any aerobatic manoeuvre is not allowed!"

3. Remarks:

- a) To fulfil the actions required under 1., one ferry flight (single pilot) is allowed to reach a qualified maintenance station. The flight has to perform under consideration of all safety aspects.
- b) The inspection and repair measures will be prepared as service bulletin by the type certificate holder and published as revision of this airworthiness directive by the authority soon.
- c) For additional information please contact EADS Deutschland GmbH, Mr. Hagmann, Tel.: 0049 89 607 28789

Compliance:

With immediate effect.

Technical publication of the manufacturer:

- none -

Holders of affected aircraft registered in Germany have to observe the following:

Action has to be accomplished by the owner of the aircraft or an approved service station and to be checked and entered in the log book by a licensed inspector.

As a result of the a.m. deficiencies, the airworthiness of the aircraft is affected to such an extent that after the expiry of the a.m. dates the aircraft may be operated only after proper accomplishment of the prescribed actions. In the interest of aviation safety outweighing the interest of the receiver in a postponement of the prescribed actions, the immediate compliance with this AD is to be directed.

An appeal to this notice may be raised within a period of one month following notification. Appeals are to be raised with the Luftfahrt-Bundesamt, Hermann-Blenk-Str. 26, 38108 Braunschweig, in writing or for the purpose of drawing up minutes.

This Airworthiness Directive has been issued in accordance with Article 10, paragraph 1, of the EU-Regulation No. 1592/2002 of 15 July 2002.

SUPERSEDED