



Airworthiness Directive

D-2004-303

Luffahrt-Bundesamt

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

AQUILA

Effective Date: 12 June 2004

Affected:

Kind of aeronautical product: Small Aircraft
Manufacturer: Aquila GmbH, Flugplatz, 14959 Schoenhagen, Germany
Type: AQUILA AT01
Models affected: AT01
Serial Numbers affected: All
German Type Certificate No.: 1106

Subject:

Wing, bonding defects between wing shell and wing spar.

Reason:

In a normal inspection a bonding defect was found between the upper wing shell and the wing spar cap at the end of the wing spar located at the outer portions of the wing surface.
For safety reasons the bonding between wing shell and wing spar cap in this area has to be inspected on all airplanes of this type.

Action:

The following actions are required by this Airworthiness Directive:

1. The bonding between upper wing spar and the wing spar cap has to be inspected according to the working instructions which are listed in the supplement to the referenced manufacturer Service Bulletin. For the execution of this inspection a transfer flight to the next maintenance organisation is permitted.
2. Airplane with wing spar / wind shell bonding defects are grounded for normal operation until satisfying repair by the manufacturer.
3. For the execution of the necessary repair a transfer flight to the manufacturer is permitted on the basis of a flight instruction released by the manufacturer.

All necessary actions must be performed on the basis of the referenced manufacturer's Service Bulletin.

Compliance:

All compliance times of the mentioned actions have to be in compliance with the referenced manufacturer Service Bulletin.

Technical publication of the manufacturer:

AQUILA Service Bulletin No. AT01-002, issue 1 dated June 7, 2004 and AQUILA Service Bulletin No. AT01-002 Supplement, issue 1 dated June 7, 2004. This Service Bulletin and the Supplement become herewith part of this AD and can be obtained from:

AQUILA GmbH
14959 Schoenhagen
GERMANY
FAX.: 0049-33731-707-11

EASA-Approval

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