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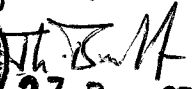

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**CHAPTER 4**  
**AIRWORTHINESS LIMITATIONS**

**RECORD OF REVISIONS - CHAPTER 4**

Revision Number	Date of Revision	Revised Pages	Descriptions of Revisions	LBA Approval Signature and Date
	14.09.01		Original Issue	  21. Sep. 01
01	20.06.02	LOEP Page 01 LOR Page 01 Sec 04-00-01 Page 01, 02	1st Revision  1st Revision  Revised Paragraph 2.B., 2.D.	  31. Juli 02
02	28.10.05	ROR Page 01 TOC Page 01 Sec 04-00-00 Page 01	2nd Revision  1st Revision  General Revision	Confirmed:   27. Dez. 05 <i>ETSA-Approval No: EASA-A.C. 017 03</i>

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## AIRWORTHINESS LIMITATIONS - GENERAL

### 1. Introduction

This chapter gives information on mandatory replacement times of structural parts, and where applicable, on inspection periods for airframe structure for the AQUILA AT01. All mandatory limitations listed are established by the airframe manufacturer. Compliance with the specified times and intervals is mandatory for maintaining the airworthiness of the aircraft.

THE "AIRWORTHINESS LIMITATIONS" CHAPTER IS LBA APPROVED.

THE "AIRWORTHINESS LIMITATIONS" CHAPTER IS FAA APPROVED AND SPECIFIES MAINTENANCE REQUIRED UNDER SECS. 43.16 AND 91.403 OF THE FEDERAL AVIATION REGULATIONS UNLESS AN ALTERNATIVE PROGRAM HAS BEEN FAA APPROVED.

### 2. Airworthiness Limitations

- A. A comprehensive airframe inspection is mandatory after **6000 h** of flight time to reach an extension of replacement time. The corresponding inspection program will be announced by the AQUILA Technische Entwicklungen GmbH prior to the highest time AQUILA AT01 reaching 6000 h.
- B. Outside Painting of the Airframe  
All structural parts which are imposed to direct vertical sunlight have to be painted WHITE except of areas provided for registration signs and warning paint.
- C. Repairs  
Repairs for which is no description in chapter 51 of this manual may only be carried out under the authority of the manufacturer or with a special repair approval from the manufacturer.

### 3. Continued Airworthiness

Scheduled inspections of the airplane including replacement and overhaul of defined components are required to ensure Continued Airworthiness of the AQUILA AT01 airplane. Maintenance Checklists and Time Limits as listed in Chapter 05 should be applied to ensure Continued Airworthiness of the AQUILA AT01 unless an alternate inspection programme is agreed on with the competent National Civil Aviation Authority.