

1.1 Introduction

This Flight Manual has been compiled in order to give pilots and instructors all the information they need for operating the ASK 21 Mi safely and appropriately.

The manual includes all data required to be available to the pilot as laid down in the Design Standards JAR-22, Amendment 6. In addition, we have provided a number of data and notes on operation which, our experience as manufacturers suggests, may be of use to the pilot.

1.2 Type Certification Basis

This powered sailplane of type designation ASK 21 Mi was type approved by the European Aviation Safety Agency (EASA) in compliance with Joint Airworthiness Requirements for Sailplanes and Powered Sailplanes JAR-22 issue March 15, 1982, amendment date Aug.1, 2001 (Amendment 6 of the English Original).

The Type Approval Certificate has been issued with No. EASA.A.221 under Airworthiness Category "U". U stands for Utility and refers to sailplanes and powered sailplanes used in normal gliding activities.

The noise emission measurements were carried out in accordance with ICAO, Annex 16, Volume I, Chapter 10 (corresponds the currently valid German requirements *Lärmschutzverordnung für Luftfahrzeuge [LVL]*, date Aug. 1, 2004, published in NfL II 70/04). The measurements established a noise level of 66.0 dB(A).

5.3.3 Noise Emission

The noise emission measurements were carried out in accordance with ICAO, Annex 16, Volume I, Chapter 10 (corresponds the currently valid German requirements *Lärmschutzverordnung für Luftfahrzeuge [LVL]*, date Aug. 1, 2004, published in NfL II 70/04).

Measured Value: 66.0 dB(A)