



SERVICE BULLETIN NUMBER: AX-2020

ISSUE 1

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TITLE INCREASE IN MAXIMUM TAKEOFF WEIGHT ALLOWABLE (MTWA).

CLASSIFICATION OPTIONAL.

COMPLIANCE OPTIONAL.

APPLICABILITY AX2000 (ALL ENGINES).

INTRODUCTION:

The AX2000 type has been shown to comply with BCAR section S issue 1 plus BCAR paper S901 issue 3. Individual examples of the type can now be operated at an increased Maximum Takeoff Weight Allowable (MTWA) as follows:

1) Maximum Takeoff Weight Allowable.

MTWA is 450kg. Note - the maximum placarded cockpit, fuel and baggage loadings are not to be exceeded.

2) Fuel System.

Fuel capacity can be increased from the existing 50 litres to 62 litres by installing the twin fuel tank filler, minor modification AX294.

Operation at an increased MTWA is subject to the following conditions:

- 1) The aeroplane is fitted with a new main placard showing the actual empty weight of the individual aeroplane, the MTWA as defined above and the other limitations as required by TADS BM53 issue 7 or subsequent issues.
- 2) The aeroplane is inspected, check flown and found to comply with TADS BM-53 issue 7 or subsequent issues. Note - some mandatory service bulletins apply.
- 3) The pilot licence is appropriate to operation of the aeroplane at the increased MTWA.
- 4) The change sheet at the front of the operator's manual restricting operation to 390kg and 50 litres is removed and replaced with this service bulletin page 2.



**CHANGE SHEET FOR THE
AX2000 (ROTAX AND HKS ENGINES) OPERATORS MANUAL**

This aircraft has been shown to comply with the British Civil Airworthiness Requirements (BCAR) section S issue 1 plus BCAR paper No. S901 issue 3 (CAA Airworthiness Approval Note 26986 refers). Consequently, operations are permitted up to a maximum all up weight of 450 kg and fuel capacity is unrestricted within the constraints of maximum fuel capacity and maximum weight.

This aircraft, however, is not within the definition of a microlight aeroplane as set out in the Air Navigation (No.2) Order 1995, CAP 393 as ammended to 1/99 March 1999, Article 118, and is therefore not a microlight aeroplane.

When the revised microlight definition (450kg, unlimited fuel) is promulgated in the Air Navigation Order, this change sheet may be removed from the AX2000 operators manual.

ISSUED BY W.G. Brooks

DATE 30.06.99

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| Chief Engineer | | Date |
| Production Manager | | Date |

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| Sales Director | | Date |
| Managing Director | | Date |