





CIVIL AVIATION AUTHORITY – SAFETY REGULATION GROUP

MICROLIGHT TYPE APPROVAL DATA SHEET (TADS)

**NO: BM - 35 ISSUE: 4**

(10) PILOTS NOTES, MAINTENANCE MANUALS, REFERENCES:

10.1 Manuals approved for operators use with this aircraft

Hornet R-ZA Operators Manual

10.2 The following placards are to be fitted.

(a) Flight Limitations Placard (to be visible to the pilot)

See Annex D

(b) Engine Limitations Placard

See Annex D

(c) Fuel Limitations Placard

See Annex D

(11) MANDATORY MODIFICATIONS / SERVICE BULLETINS /  
AIRWORTHINESS DIRECTIVES ETC:

See Annex A for required modifications.

(12) MINIMUM PERFORMANCE AT MAX TAKE-OFF WEIGHT

	Hornet R-ZA	Hornet R-ZA with mod HR113
Rate of Climb:	422 fpm at 50 mph	530 fpm at 50 mph
Stall or minimum flying speed:	40 mph	40 mph

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Issue History

	<u>Issue No.</u>	<u>Reason and signatory</u>
1	08/09/89	Initial Issue W A Bevan
2	04/09/90	W A Bevan
3	05/10/90	Typographical error of type designation W A Bevan
4	08/07/03	Document revised to new format

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ANNEX A – MANDATORY MODIFICATIONS

None

ANNEX B - APPROVED OPTIONAL MODIFICATIONS

The installation of all optional modifications is to be inspected by a BMAA inspector and an entry made in the appropriate logbook(s). Note that other approved modifications may exist which are not listed here.

ANNEX C – WEIGHING INFORMATION

- |    |                    |  |
|----|--------------------|--|
| 1. | Weighing Attitude: | Unimportant. Trike and wing may be weighed separately if required.                         |
| 2. | Crew Weights:      | Minimum 75 kg. Maximum 90 kg per seat.<br>(Maximum reducible, not below 86kg, if required) |
| 3. | Fuel load:         | 45 litres  |
| 4. | MTOW               | 390 kg   |

ANNEX D - PLACARDS

(a) Flight Limitations Placard (to be visible to pilot)

Max take-off weight not to exceed 390 kg  
Cockpit loadings must be between 75 and 180 kg  
V<sub>NE</sub> 103 mph IAS  
V<sub>A</sub> 103 mph IAS  
Non-aerobatic

(b) Engine Limitations Placard (to be located near to engine instruments)

A placard showing the limitations for all the indicated engine parameters is to be mounted close to the engine instruments. This requirement need not be complied with for limitations shown as coloured markers (red for danger, amber for caution) on the instrument displays.

(c) Fuel Limitations Placard (to be located near to filler cap)

A placard is to be fitted showing fuel capacity, fuel type(s), fuel : oil ratio (if relevant) and if MTOW can be exceeded with full fuel and 180kg cockpit weight, the fuel loads at

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MTOW for cockpit weights of 180kg / 170kg etc. at no more than 10kg intervals down to the maximum fuel load.

ANNEX E - POINTS FOR SPECIAL ATTENTION

In service, the following points have been found to be commonly recurring problems, and Inspectors must give special attention to the following both during initial approval, and during later inspections.

1. (blank)
2. (blank)
3. (blank)
4. (blank)
5. (blank)
6. (blank)
7. (blank)
8. (blank)
9. (blank)
10. (blank)