

Supplement 7 – Special Shape F-25 “Futbol”

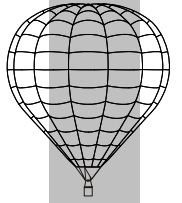
Introduction

In this supplement are introduced the particular characteristics and limitations of the hot air balloon special Shape F-25 “Futbol”.

It will be kept the same numbering of the different sections to know at which sections correspond of the Main Manual, accepting they are substituted or appended by the indicated in this supplement.

7.1 Mass and Dimensions

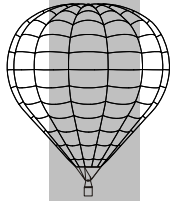
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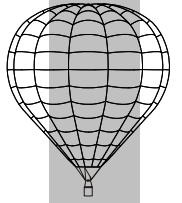
| | |
|---------------------------------------|-----------|
| Type | 25 |
| Total Volume (m3) | 3000 |
| Effective Volume (m3) | 2867 |
| Number of gores | 24 |
| FAI Class | AX8 |
| Total height in flight (m) | 21.0 |
| Basket (standard config.) | C-10 |
| Empty Mass (Kg) (standard config.) | 314 |
| Envelope | |
| Height (m) | 17.9 |
| Max. diameter | 18.1 |
| Length (m) | |
| Width (m) | |
| Diameter at mouth (m) | 3.8 |
| Mass (Kg) | 170 |
| Parachute/FDS | |
| Diameter (m) | 6.0 |



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7.2 Vertical Speed

The following Special Shape, will have the vertical speeds of ascent and descent and the Maximum wind speed at Take Off limited in the following manner :



| Model | Vmax ascent | Vmax descent | Max Wind speed |
|-------|-------------|--------------|----------------|
| F-25 | 4 m/s | 4 m/s | 10 Knots |

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7.3 Load Chart

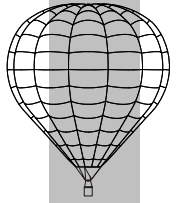
For the calculations in the Load Chart of chapter 5 of the Flight Manual will be used the following characteristics:

| Model | V | Pv | Lmax |
|-------|------|-----|------|
| F-25 | 28,7 | 284 | 980 |

V=volume in hundreds of m3

Pv=Empty weight

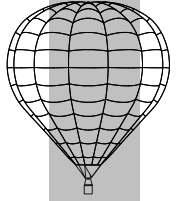
Lmax=Maximum authorised Lift



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7.4 Annual Inspection or every 100 hours (Type B)

All revisions will be type C



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