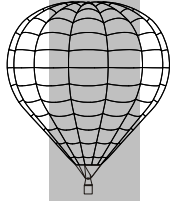


FLIGHT MANUAL SUPPLEMENT 23
Special Shape F-29 "Movistar"



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23.1 General Information

In this supplement are introduced the particular characteristics and limitations of the hot air balloon special Shape F-29 "Movistar".

It will be kept the same numbering of the different sections with the §23.X to know at which sections correspond of the Main Manual, accepting they are substituted or appended by the indicated in this supplement.

23.2 Limitations of use

F-29 Special Shape will have the vertical speeds of ascent and descent and the Maximum wind speed at Take Off limited in the following manner:

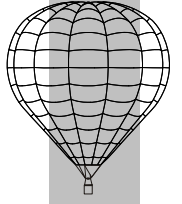
Model	Vmax ascent	Vmax descent	Max Wind speed
F-29	3 m/s	3 m/s	10 Knots

23.3 Emergency procedures

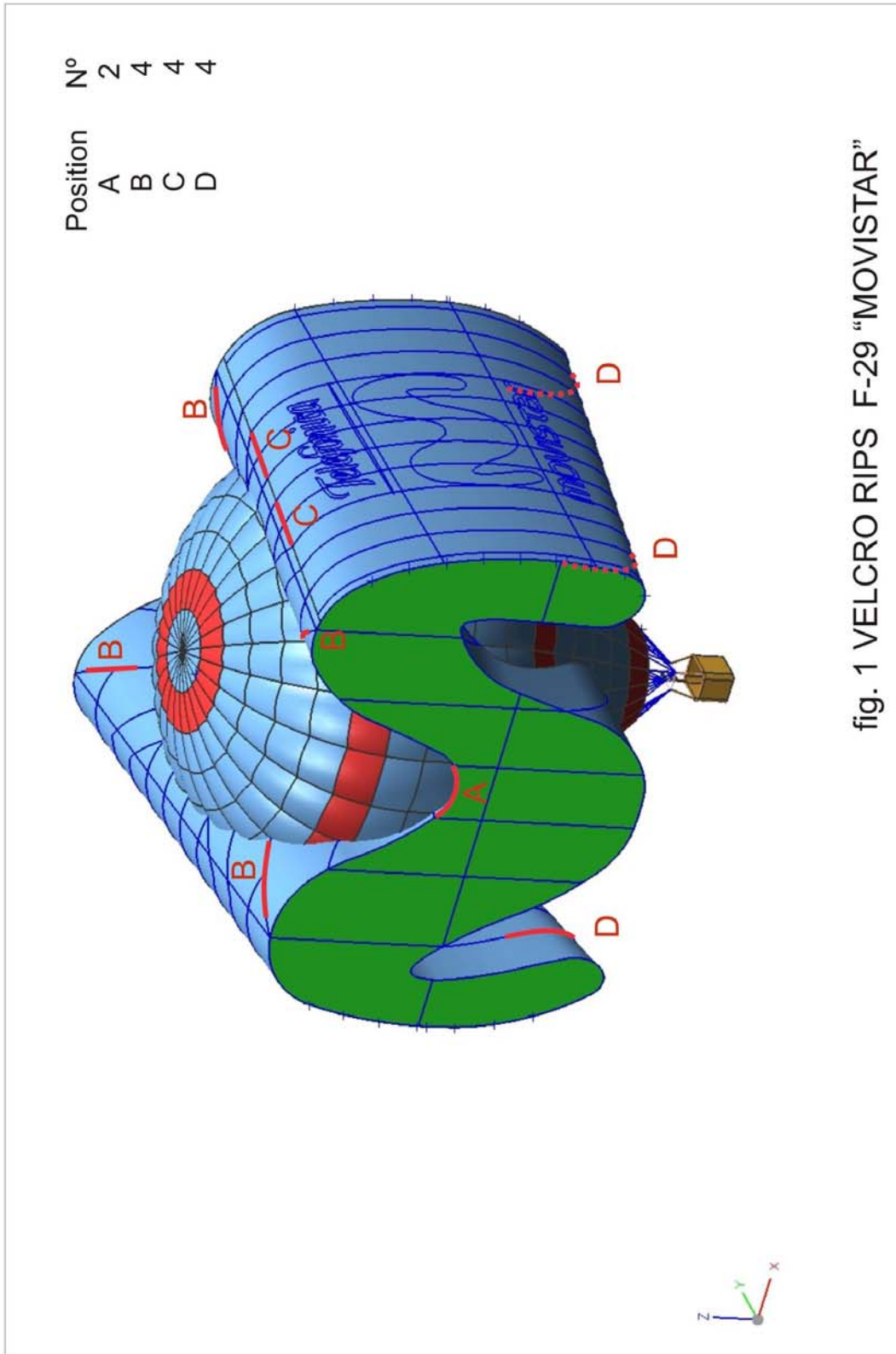
No change.

23.4 Standard procedures

Additionally check that all Velcro rips indicated in fig. 1 are closed before hot inflation.



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23.5 Loading

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

Model	V	Basket	Pv	Lmax
F-29	2.200	C-1	366	750
		C-2	360	750
		C-3	386	750
		C-10	394	750

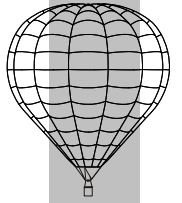
V = volume [m³]

Pv = Empty weight (without any cylinder) [Kg]

Lmax = Maximum authorised Lift [Kg]

F-29 envelope must be in flight using one of the following burners:

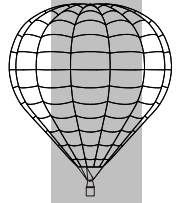
- Mk-10 Double
- Mk-21 Double
- BMK-008 Single or Double



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23.6 Balloon and Systems Description

See following table corresponding to mass and dimensions:



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SERIES	F
Type	F-29
Vol. (m ³)	3.510
Effective vol. (m ³)	2.200
Number of gores	24
FAI class	AX-8
Total height (m)	20,67
Standard basket	C-1
Weight in Standard configuration (Kg)	393
Envelope	
Height (m)	16,98
Max diameter (m)	19,51
Length (m)	16,72
Width (m)	19,51
Diameter at the Mouth (m)	3,8
Weight (Kg)	285
Parachute	
Diameter (m)	5,5

23.7 Balloon Maintenance, Handling and Care

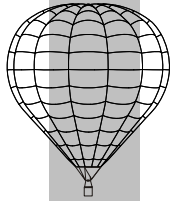
Annual Inspection or every 100 hours (Type B)

All revisions will be type C and will be chosen additionally the following areas for the Grab Test prescribed:

- Upper area on "M" appendix.

23.8 Other manufacturer's equipment

No change.



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