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8.68 ULTRAMAGIC VISTA BASKET

8.68.1 GENERAL INFORMATION

This supplement shall be inserted in the Flight Manual, in Section 8: 'Supplements' with the revisions record sheet amended accordingly.

Information contained herein supplements, or in the case of conflict, supersedes that contained in the basic Flight Manual. For Limitations, Procedures, and Performance Data not contained in this supplement, consult the basic Hot Air Balloon Flight Manual.

Throughout this supplement the term "Cameron" refers to envelopes, burners and cylinders manufactured by Cameron, Lindstrand Hot Air Balloons Limited, Sky and Thunder & Colt.

All references to the Ultramagic Flight Manual refer to Flight Manual Ref FM04, Revision 26 or later approved revision.

Issue 1 of this supplement has six pages.

Supplement 8.7 to the Flight manual is required to cover other Ultramagic equipment.

Supplement 7.7 to Maintenance Manual issue 10 and Ultramagic Maintenance Manual Supplement 22 are required to ensure continued Airworthiness.

8.68.2 LIMITATIONS (ADDITIONAL)

8.68.2.2 WEATHER

1. The balloon must not be flown if the surface wind at the time and place of take-off is greater than 10 knots (5 m/sec)

8.68.2.4 MINIMUM BURNER REQUIREMENTS

The balloon must be fitted with a double, triple or quad burner.

8.68.2.6 MINIMUM EQUIPMENT

6. A waist restraint (Passenger or Pilot restraint) is required for every occupant.

7. A seat and seat harness are required for each seated passenger.

8.68.2.7 CREW

1. The minimum crew is one pilot.
2. A second crew member may be carried in the pilot / crew area behind the seats if three or fewer cylinders are carried.
3. Each seat has an individual load limit of 150kg (330 lbs).
4. Each seat is limited to one occupant.

8.68.2.15 BASKETS

5. The balloon must be fitted with envelope turning vents.
6. Maximum load for the CV-08 "Vista" basket is 1200 kg (2645 lbs). This load is the maximum that can be carried in or suspended from the basket, but excluding the empty mass of the basket.
7. Karabiners with strength of 3000kg (30 kN) or greater must be used.

8.68.2.16 CYLINDERS

3. A maximum of 4 cylinders may be carried. Cylinders must be strapped upright in the designated positions behind the seats (see Fig 1).

8.68.3 EMERGENCY PROCEDURES**8.68.3.8 PREPARATION FOR A HARD LANDING (ADDITIONAL)**

Brief the seated passengers to tighten the waist and shoulder straps of the harness, to keep their arms and legs inside the basket, and to watch the progress of the landing.

8.68.3.12 USE OF WAIST HARNESS

Under exceptional circumstances, the pilot may consider it necessary that passengers stand from their normal seated position. In this case, proceed as follows:

- If not connected, instruct and monitor the passenger(s) to connect the waist harness delta ring to the restrain tape using the karabiner on its end.
- Instruct the passenger(s) to release the seat harness.

CAUTION: Unless instructed to do so by the pilot, the passengers are to remain seated with the seat harness worn at all times.

8.68.4 NORMAL PROCEDURES (ADDITIONAL)

8.68.4 TAKE-OFF

8.68.4.4.1 Pre Take-Off checks

Pre-Inflation Checklist - Basket

Tables	Confirm that the tables are folded away
Seat Belts	Check the function, condition and security of the waist belts and seat harnesses.
Waist Belts	Fit waist belts to all passengers.

NOTE: Pilots may prefer to practice boarding of the passengers into their seats and adjust their seat harnesses with the basket upright before inflation.

NOTE: Tables are deployed by pivoting through 180°. Once upright, tilt it 90° to reach the final position. Stowing the table is the reverse procedure.

Pre-Take-Off Checks (additional)

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Passengers	Seated with seat harnesses fastened and adjusted.
Pilot/Crew	Waist harnesses fastened and connected.
Tables	Folded away.

Pre-Landing Checks (additional)

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Passengers	Seated with seat harnesses fastened and adjusted and tables folded away. Landing briefing complete.
Pilot/Crew	Waist harnesses fastened and connected.
Tables	Folded away.
Rotation:	Balloon rotated to correct landing orientation (See Fig I).

Passenger Briefing (additional)**Passenger Briefing (additional)**

- Passengers** Passengers are to remain seated at all times with their seat harness fastened unless otherwise directed by the pilot.
- Tables** Tables must be stowed for take-off and landing. Passenger should be briefed on table deployment and stowing.
- Landing** Tables stowed. Passengers to remain seated with the harness securely fastened. Keep arms and legs inside the basket. Do not unfasten harnesses or leave the seats until told to do so by the pilot.

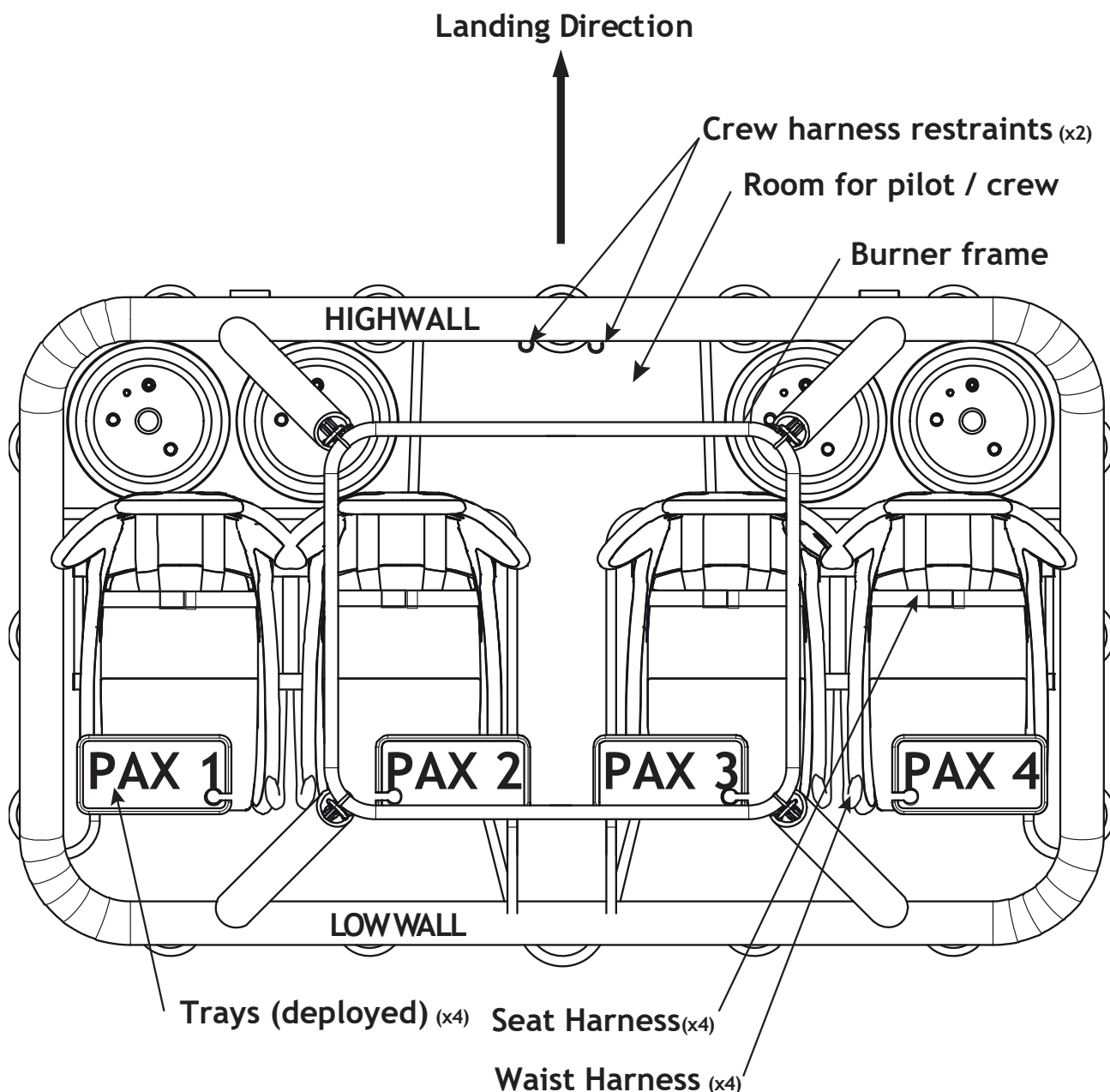
8.68.5 WEIGHT CALCULATION

No change

8.68.6 BALLOON AND SYSTEMS DESCRIPTION (ADDITIONAL)**8.68.6.5.7 Ultramagic Vista basket**

CV-08 'Vista' Basket is fitted with four seats for passenger accommodation, including individual foldable trays and full seat harnesses. The wall in front has been lowered to improve the sight from the passenger position. Each seat is equipped also with a waist restraint harness to the basket structure.

In normal conditions pilot (and crew, if present) stand up at the centre of the basket, behind the two centre seats. The presence of crew or flight attendant is subject to having enough room in accordance with 8.68.2.7



8.68.7 EQUIPMENT LIST

Table 6: Baskets (additional)

Basket Category	Drawing Number	Basket Description	Applicable Cylinders	Applicable Burner Frames
G	CV-08	UM 'Vista'	1a, 1, 2, 3	Ultramagic CV-08 'Vista' burner frame

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