

SUPPLEMENT 2. DROPPING PARACHUTISTS

1. GENERAL

This supplement details the procedure and specific information related to the operation of Pasha Balloons equipment when dropping parachutists will take place during the flight.

2. LIMITATIONS

Pasha Balloons Flight Manual limitations will never be exceeded. Additionally, the following considerations must be evaluated before the flight:

- Passengers' mass will consider extra equipment carried by parachutists.
- Minimum weight confirmation should be accounted without parachutists

3. EMERGENCY PROCEDURES

No change.

4. STANDARD PROCEDURES

When parachutists are jumping, the following procedure must be followed:

- Parachutists will only jump when pilot-in-command authorize them to proceed.
- Parachutists will jump from the side of the balloon where there are not fuel hoses or control lines.
- Pilot-in-command will establish a steady descent rate of 1m/s for each simultaneous jumper. Envelopes smaller than 210.000 cu.ft will allow only one simultaneous parachutist jump, envelopes equal or bigger than 210.000 cu.ft will allow a maximum of two simultaneous parachutists jumps.
- After jump, pilot-in-command will allow the balloon to recover the level flight as smooth as possible.

NOTE: If venting is needed after jump, pilot will proceed very smoothly and for a very short time.

5. LOADING

NOTE: Consider the extra weight of parachutists during pre-flight calculations.



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6. SYSTEMS DESCRIPTION

No change.

7. BALLOON HANDLING

No change-

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Conditions for parachuting:

- The maximum balloon take-off weight must not be exceeded.
- The weight of parachutists that are to jump and their equipment must be taken into account in the pre-flight planning to ensure the balloon remains within applicable limits during the entire flight (Minimum Landing Weight!)
- All applicable national regulations must be complied with.
- Free fall parachuting is only permitted. Static line releases must not be used.
- Maximum number of parachutists to be released at one time is one.

The pilot must react to a sudden drop of weight when the parachutists exit. To prevent the balloon from an excessive rise the parachute is to be opened. It is also possible to drop the parachutists with the balloon in a moderate descent. The recommended value is 1 m/s (200 ft/min).

Dropping procedure:

Preparation Parachutists sit on the basket top rim

Unobstructed exit Parachutists are well free from control lines, fuel hoses or any other equipment

Airspace check Airspace under the basket is free from any air traffic

Dropping Parachutists leave the basket after the agreed pilot's signal

Venting Vent enough to prevent undesired climb