

LINDSTRAND BALLOONS LTD

FLIGHT MANUAL SUPPLEMENT NO. 16

PANORAMIC WHEELCHAIR BASKET

SECTION 1 - OPERATIONAL LIMITATIONS

1.1 Limitations

Add the following:

- 1.1.16 The Panoramic Wheelchair Basket is limited to a maximum take off and landing wind speed of 10 knots. In addition, the basket must not be flown in conditions which would prevent a landing on the designated downside. All four wheelchair restraining straps and four-point passenger harness must be attached and tightened for the duration of the flight. All door latches are to have the safety hooks in position prior to take off.

1.5.2.1 Baskets

TABLE 2 - LINDSTRAND BASKETS

Add the following:

BASKET NO.	BASKET SIZE CM	BASKET STYLE	ENVELOPE SIZE RANGE x 1000 cu.ft.	EMPTY WEIGHT	
				KG	LBS
244	125 x 205	P	120 - 180	167	367
265	125 x 220	P	120 - 180	172	375

SECTION 2

NORMAL PROCEDURES

2.1.5 Passenger Briefing

Add the following:

In the case of transportation of a disabled passenger and their attendant(s) within the 125 x 205 / 220 cm Wheelchair version basket, the attendant should be briefed on the wheelchair restraints and passenger harness, in order to provide any necessary assistance.

Add the following:

2.2.9 Wheelchair Basket Procedures

2.2.9.1 Securing of Wheelchair

Entry of the wheelchair into the basket is achieved by first removing the safety hooks from the three latches. Two latches are situated on the top of the fold down door and one latch is positioned on the safety bar. The latches are undone, the safety bar swung open and the door hinged downwards to create an entry ramp. The wheelchair may then be driven or pushed up the entry ramp and then positioned as shown in Figure 2.2.9.1, with the wheelchair occupant facing towards the window.

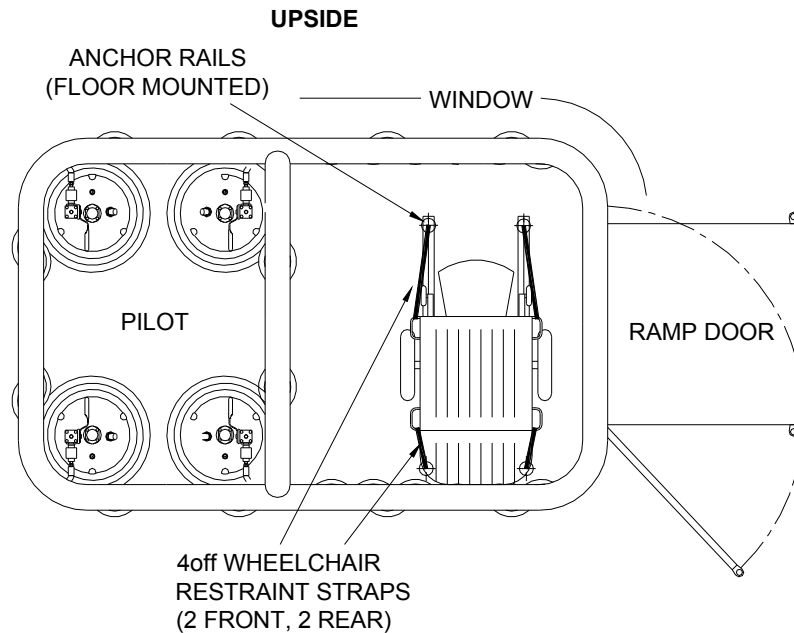


FIG 2.2.9.1 SECURING OF WHEELCHAIR

There are four restraining straps and tie-down positions fitted into the basket. With the wheelchair positioned equally over the floor mounted anchor rails as shown, use the two plain straps to secure the wheelchair to the anchor rails below and behind. When attaching the straps to the rail ensure the clips are exactly opposite each other in the rails and the plungers fully engaged. The two straps with the plastic reel body (titled Unwin – Quattro) are used to attach and tension the wheelchair to the anchor rail running across the front of the wheelchair. Again, ensure the plungers are fully engaged to the rail. Press the Quattro release button and extend the webbing to allow the Snaplock to pass around a suitable structural member of the wheelchair. Secure the Snaplock and turn the tensioning knob to ensure final and equal tension is applied. The straps should be at an even angle and even tension in a manner which prevents movement of the wheelchair relative to the basket.

2.2.9.2 Securing the Wheelchair Occupant

A full four point harness is provided to provide security to the wheelchair occupant. Adjust the slack in each leg of the harness such that the release buckle is situated on the chest of the wheelchair occupant. Position the sliding shoulder pads such that they provide some cushioning between the two shoulder straps and the occupants' shoulders. Carefully tighten the four legs of the harness to provide security to the occupant whilst not causing them discomfort.

The safety harness is opened by turning the outer cover in a clockwise direction when viewing the release buckle from the front. To secure the harness, turn the outer cover in the anti-clockwise direction. The wheelchair attendant should observe the harness release buckle during the flight, to ensure it is not released accidentally.

2.2.9.3 Test of Wheelchair Restraint

In order to test the security of wheelchair and occupant restraints and to demonstrate to the wheelchair occupant the type of motion the basket will adopt on landing, the basket should be slowly turned from the upright position into the inflation position. The wheelchair and occupant should be observed for any motion independent of the basket. If there is any motion, the basket should be returned to the upright position and the strap or harness tightened as appropriate.

2.2.9.4 Wheelchair Removal

If the basket has ended the flight in the horizontal position, then it should be restored to the vertical position prior to releasing the restraining straps. The straps securing the wheelchair are best released by pulling them tight and releasing the locking plate by pressing it. Release the four-point harness and then open the safety bar and fold down ramp. The wheelchair and occupant may exit from the basket once the pilot's permission has been given.

SECTION 3 EMERGENCY PROCEDURES

Add the following:

3.2.3 Wheelchair Basket Instructions

In the event of an emergency when using the Wheelchair basket, the pilot must instruct the attendant to check the tension of all restraining straps and harness before the emergency landing is accomplished. Once the straps are checked, the attendant is instructed to care for their own security first and foremost during the landing.

In the event of a ground based basket fire, the attendant should be briefed to release the disabled passengers' harness and carry the disabled person to a safe area once the evacuation order has been given by the pilot. If the attendant will be physically challenged by this process, the pilot should designate another person to assist with this procedure.