

# LINDSTRAND BALLOONS LTD

## FLIGHT MANUAL SUPPLEMENT NO. 10

### 152 x 260 cm WHEELCHAIR BASKET

#### SECTION 1 - OPERATIONAL LIMITATIONS

##### 1.1 Limitations

Add the following:

- 1.1.16 The 152 x 260 cm Double-T Wheelchair version basket (basket code 249) is limited to a maximum take off and landing wind speed of 8 knots. In addition, the basket must not be flown in conditions which would prevent a landing on the designated downside. All six wheelchair restraining straps and four-point passenger harness must be attached and tightened for the duration of the flight.

##### 1.2 Limitations for UK Passenger Transport Category

Add the following:

- 1.2.6 When performing a passenger flight using the 152 x 260 cm Double-T Wheelchair version basket with no wheelchair installed, the maximum number of occupants that may be carried within this wheelchair positioned area is four.

##### 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
249	152 x 260	DT	150 - 240	251	552

#### SECTION 2 NORMAL PROCEDURES

##### 2.1.5 Passenger Briefing

Add the following:

In the case of transportation of a disabled passenger and their attendant within the 152 x 260 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 and the door swung downwards to create an entry ramp. The safety bar is then opened to allow the entry of the wheelchair. 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 open weave section of the basket.

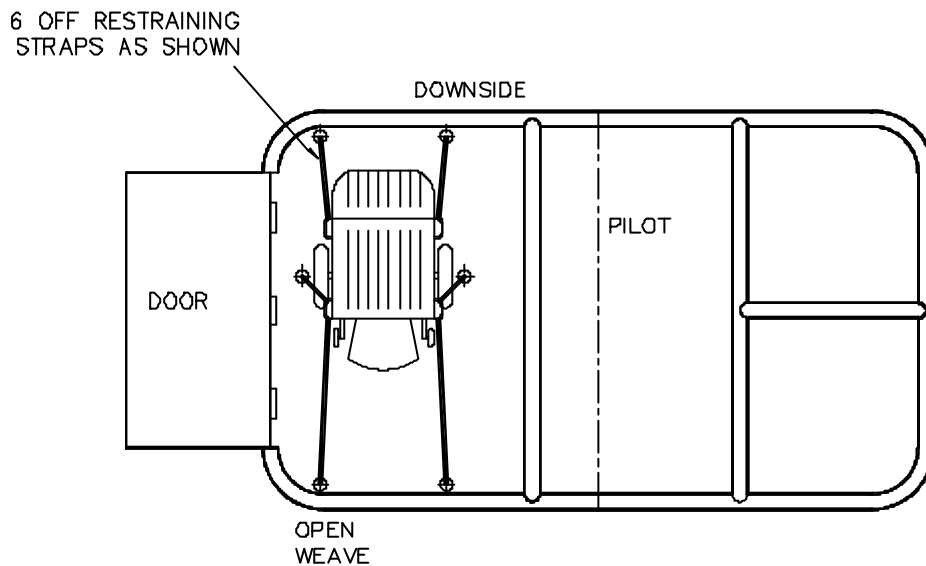


FIG 2.2.9.1 SECURING OF WHEELCHAIR

There are six restraining straps and tie-down positions fitted into the basket. With the wheelchair positioned as shown, the two upside straps are attached first. The straps should be adjusted such that they are of equal length. The two downside straps are then attached and tightened against the two upside straps. The final two middle straps are attached and tightened to hold the wheelchair in position.

### 2.2.9.2 Securing the Wheelchair Occupant

A full four point harness is provide 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 then be removed 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.