

LINDSTRAND BALLOONS LTD

FLIGHT MANUAL SUPPLEMENT NO. 7

60 cm x 90 cm LIGHTWEIGHT COLLAPSIBLE BASKET

SECTION 1 - OPERATIONAL LIMITATIONS

1.5.2.1 Baskets

TABLE 2 - LINDSTRAND BASKETS

Add the following:

BASKET NO.	BASKET SIZE CM	BASKET STYLE	ENVELOPE SIZE RANGE	EMPTY WEIGHT	
				KG	LBS
237	60 x 90	Open	21 - 48	23	51

SECTION 2 - NORMAL PROCEDURES

Add the following:

2.1.9 Basket Procedures

2.1.9.1 Assembly of the Basket

The 60 x 90 lightweight collapsible basket, type BA-237-A-001, may be transported in either the fully assembled or fully disassembled states. To assemble the basket, refer to Figure 1 of this supplement and proceed as follows:

Unpack the basket frames and floor, nylon spacer rods and cordura side wall assembly from the carrier bag.

Place the basket bottom frame on the floor with the plywood floor lowermost.

Place the eight Ø 22 mm nylon rods in the stainless steel sockets.

Place the top frame on top of the nylon rods, ensuring that all nylon rods are inserted inside the mating stainless steel sockets.

Loop the long load tapes attached to the lower frame D lugs through the diagonally opposite D lugs on the top frame, such that the two tapes on each basket side form a cross pattern. Tighten the load tapes.

Raise the cordura cover and pass the top rim over the top frame. Make off the top rim to the velcro patches. Fasten the plastic buckles and tighten.

Check that there is no movement in the top frame by lifting it vertically. If there is any movement, adjust the tension in the load tapes.

Check that the padded section built into the cordura is properly aligned over the top frame and that no hard edges are exposed.

Check that the basket suspension wires pass through the top frame and padded section in the cordura. Pull each suspension wire fully through the top frame. Check that the suspension wires are free from any kinks or twists.

Disassembly of the basket is the reverse of the above procedure.

2.1.9.2 Assembly of Burner

The 60 x 90 lightweight collapsible basket is designed for use with the Lindstrand 400 mm x 400 mm mini burner frame, type BA-155-A-001, and Single or Super Single burners. The design of the burner frame allows for rapid assembly / disassembly of the burner from the burner frame for the purposes of convenient transportation. To assemble the burner to the burner frame, refer to Figure 2 of this supplement and proceed as follows:

Unpack the frame and the burner from their carrier bags.

Note the orientation of the frame relative to the burner. Align the pivot holes in the frame with the mating holes in the two brackets fitted on each side of the burner. Insert the two pip pins from the outside of the burner frame through the frame pivot holes and the mating holes in the brackets. Push the pins into the pivot holes as far as possible. When the pins are fully inserted, the pin release collar should protrude by a maximum of 5 mm. Check that the burner is correctly assembled to the frame by lifting the frame and burner assembly a little above the floor. The burner should remain firmly attached to the frame.

Place the frame on one side. Check that the burner is able to gimbal freely. Note that the burner only gimbals in one axis.

Assemble the burner to the basket using the four Ø 25 mm nylon rods, as described in Section 2.1.1 of this manual. The burner should be orientated such that the gimbal axis allows the burner to gimbal in the vertical plane. Note that the burner frame is fitted with carabiner attachment plates, instead of the inverted U-bracket. Place the basket suspension wire eyelet adjacent to the hole in the carabiner attachment plate. Pass the carabiner through the plate and eye. Ensure that the carabiner gate is closed by screwing the collar so that it covers the join in the gate.

Disassembly of the burner is the reverse of the above procedure.

2.1.9.3 Installing the Fuel Cylinders

This basket must always be provided with two fuelled cylinders and each cylinder must be fitted with padded protective jackets.

The basket may be flown with any of the following fuel cylinders:

Lindstrand Balloons Ltd V20 and Worthington
Cameron Balloons Ltd V20 and Worthington
Thunder & Colt Ltd V20 and Worthington

The small size of the basket requires that the fuel cylinders are mounted externally on the basket sides. To install the fuel cylinders, proceed as follows:

Place the cylinder adjacent to the side of the basket. Loop the upper cylinder support strap mounted to the basket upper frame around the cylinder upper carrying handle. Secure the strap. With the help of an assistant, lift the cylinder so that the base of the cylinder is about 100 mm above the ground. Tighten the strap so that the cylinder position is maintained.

Pass a cylinder restraint strap through the openings in the fabric side. Pass the strap completely around the cylinder body and tighten. Repeat for the lower strap positions.

Secure the bottom cylinder restraint strap mounted to the basket lower frame to the cylinder lower carrying handle and tighten.

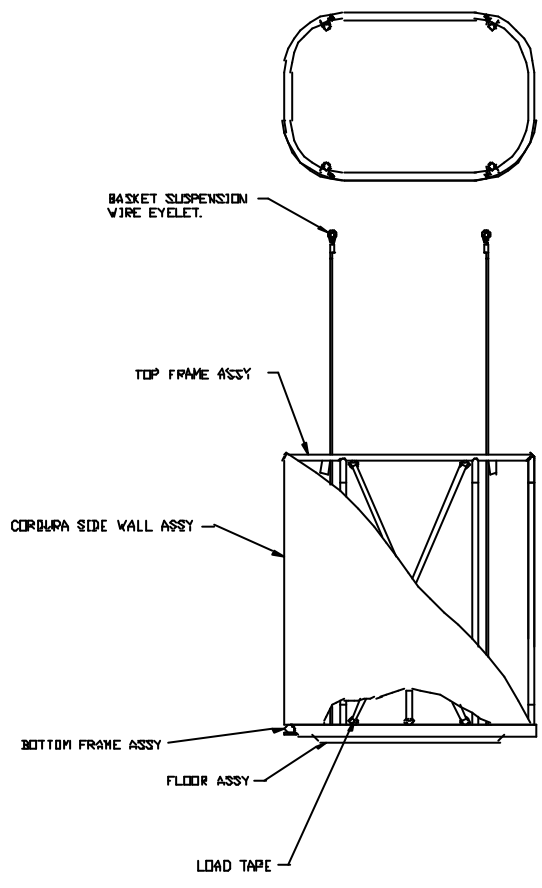


FIG 1.

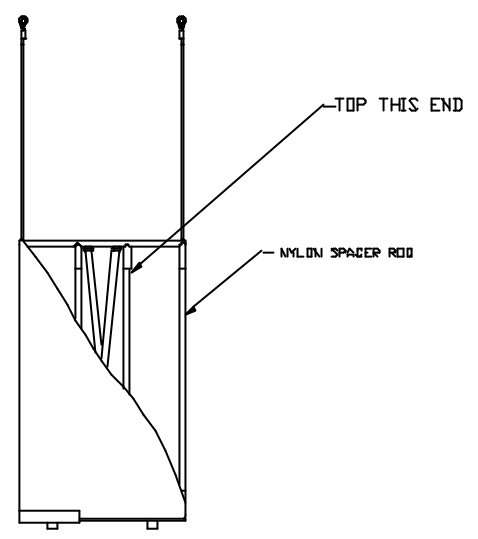
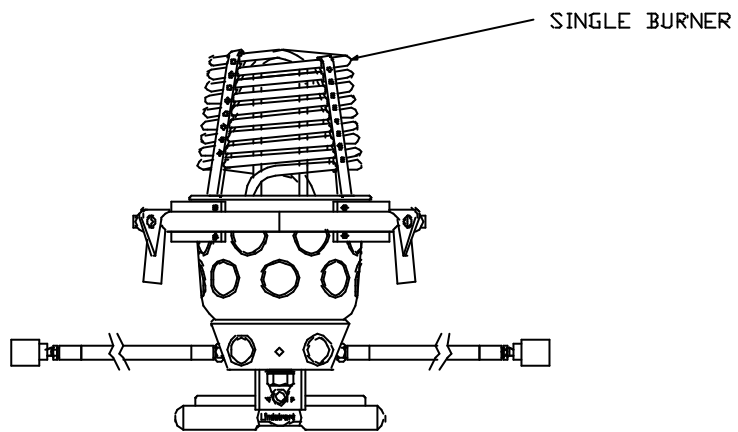
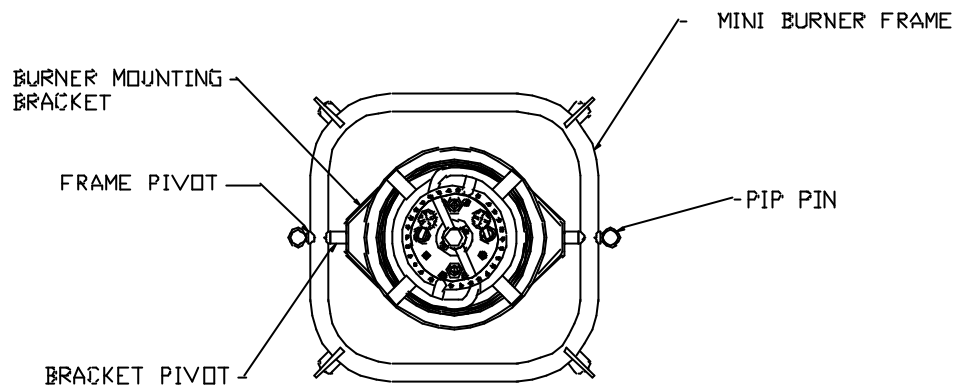


FIG 1A



NOTES:
 1 SUPER SINGLE BURNER SHOWN IN THIS ILLUSTRATION.
 LBL SINGLE BURNER MAY ALSO BE USED.

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FIG 2.