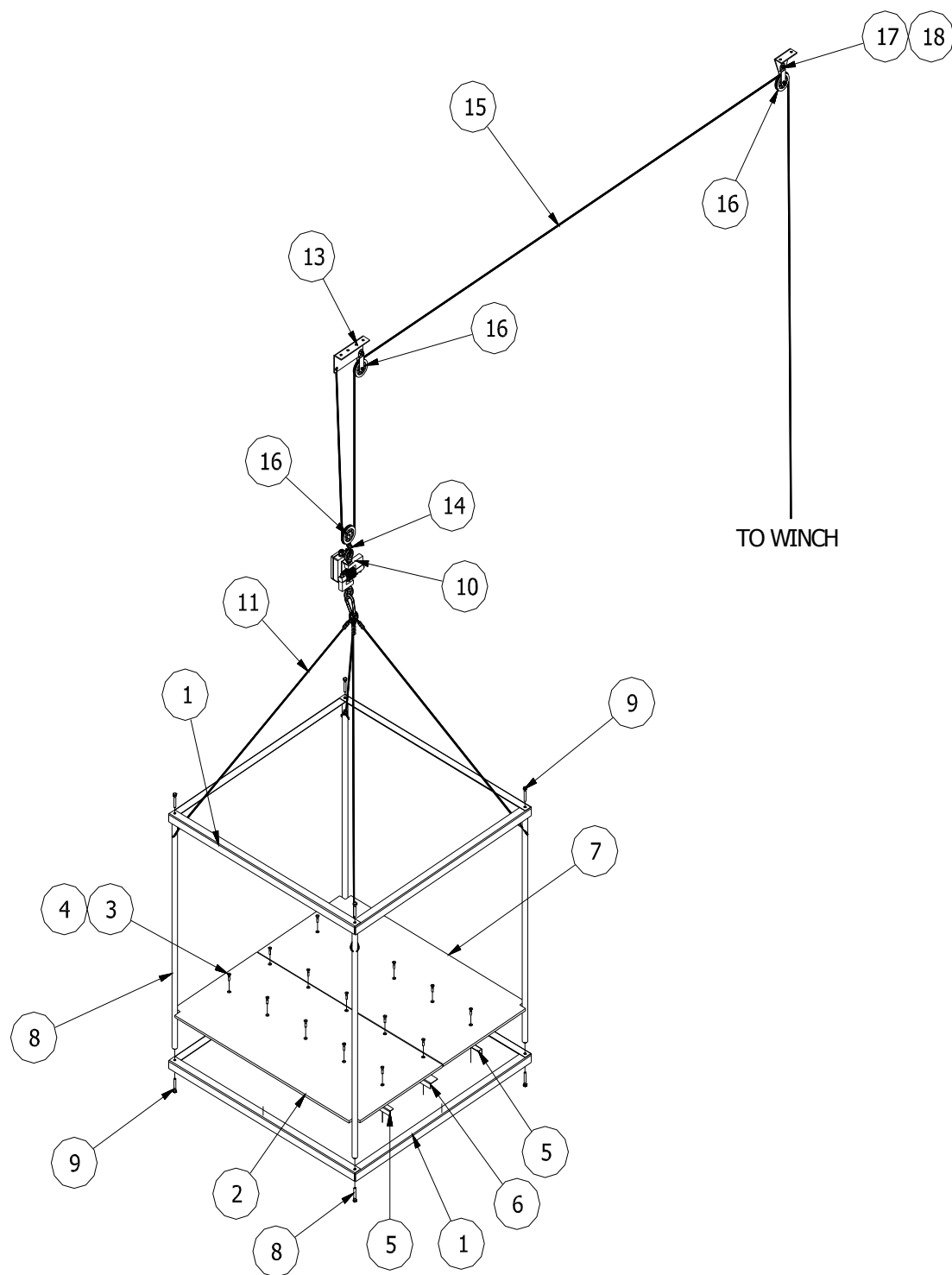




















## **Adult Turkey Platform Assembly Instructions BE-SSP-200**



**IS10074.doc**



## Complete kit contents

ITEM	QTY		DESCRIPTION
1	8		Frame Angle Formed 1-3/8 x 1-3/8 (2 slots on one flange)
2	1		Plastic Platform Base (10 countersunk holes)
3	15		Bolt, Flat hd 1/4-20 x 7/8 (#2 square)
4	15		Nut, 1/4 Nylock
5	2		Angle, Formed 1.0 x 1.0 (Outer platform support)
6	1		Angle, Formed 1.0 x 1.75 (Inside platform support)
7	1		Plastic Platform Base Right (5 countersunk holes)
8	4		Vertical Supports (with 1/2" nut welded in each end)
9	8		Bolt, Hex hd 1/2-13 x 3/4
10	1		BE-SSLC-100KG Load cell with converter box
11	4		Cable, Wire 1/8"
13	1		Bracket, Pulley
14	3		S-hook (One between the four 1/8" cables and bottom of load cell, one between top of load cell and pulley above it, one holding the 3/16" cable to the pulley bracket)
15	1		Cable, Wire 3/16 x 60'
16	3		Pulley (All 3 different)
17, 18	1 each		Bolt, Hex hd 1/2-13 x 1-1/4 Nut, 1/2 Nylock
19	10		Screw, Lag 1/4 x 1-1/2 (For mounting winch and brackets)
20	1		Winch

**Tools needed:**

Socket set or wrench set, drill, #2 square drive (or a #2 square head screwdriver).

**Placement of adult turkey platform:**

If you are placing one platform within your barn, place the adult turkey platform about 1/3 of the distance from one end or the other of the barn. If possible, center it within the width of the barn.

If you are placing 2 platforms within your barn, place one adult turkey platform about 1/3 of the distance from one end of the barn, and the other adult turkey platform about 1/3 of the distance from the other end of the barn. If possible, center them within the width of the barn.

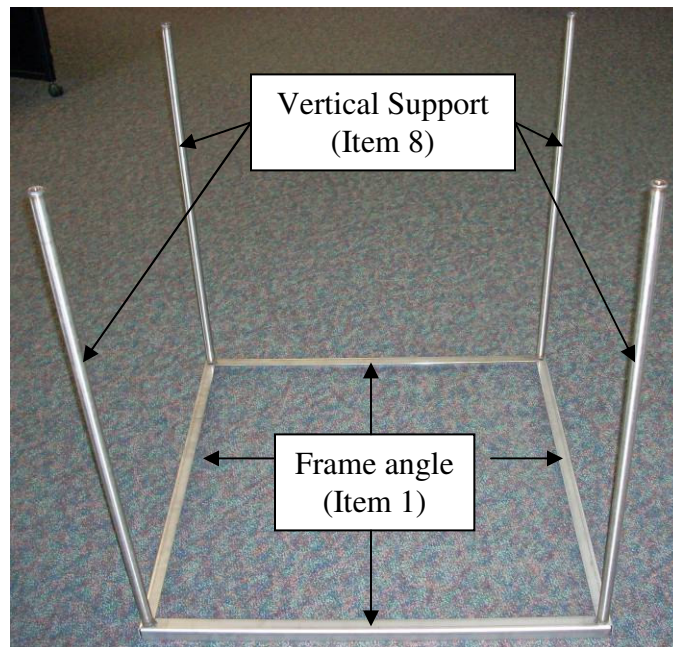
If placing more than 2 scales, consult with dealer for best placement of platforms.

Do **not** place opposite fans.

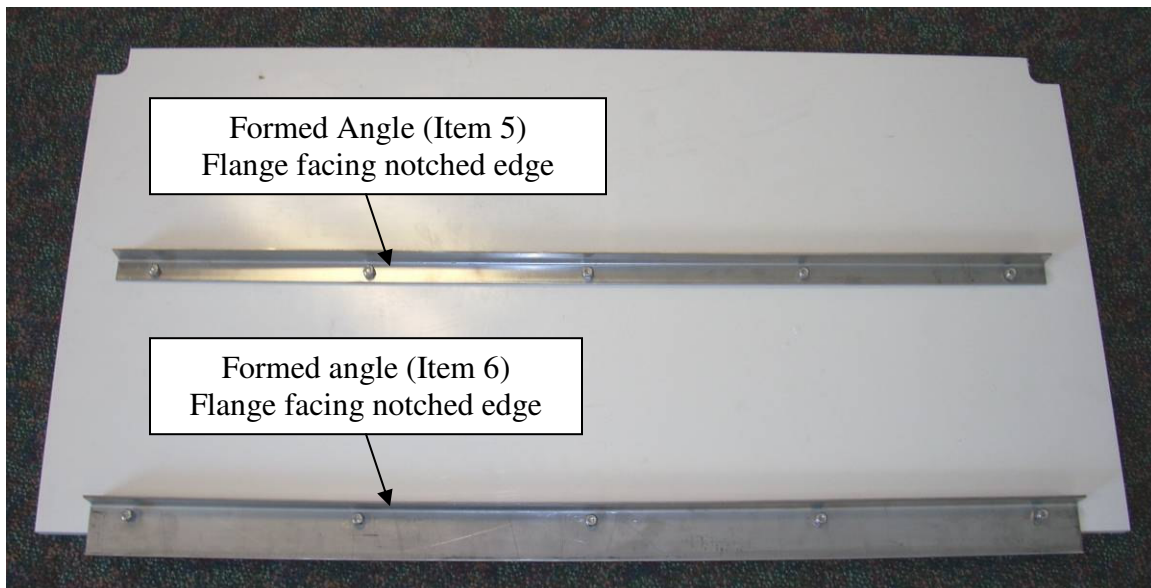
Do **not** place below fans.

**Do** place between or near the water and feed lines.

### Assembly steps:

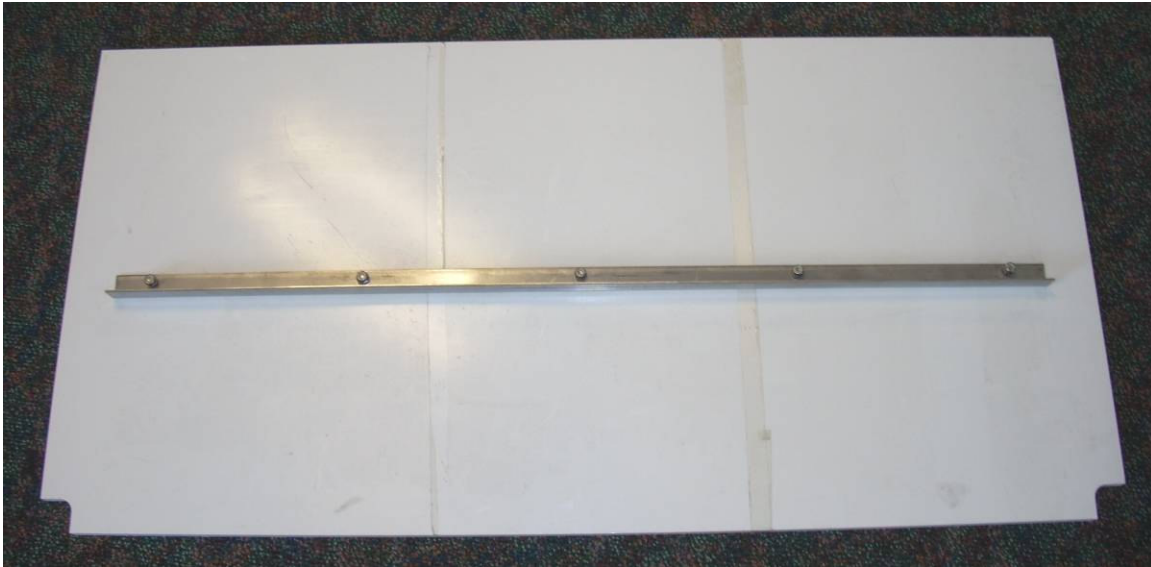


1. Lay out four (4) of the frame angles (item 1). Slots should be facing up.
2. Attach the vertical supports (item 8) to the corners by placing a  $\frac{1}{2}$ -13 x  $\frac{3}{4}$  bolt (item 9) through one of the overlapping slots coming up from the bottom. Hold the bolt in place and attach one of the vertical supports. Proceed with other 3 corners. Do NOT tighten bolts at this time. Some adjustment may be required to get angles squared.



3. Lay out the platform piece with 10 holes (item 2). On the bottom side of the platform (the side without ridges), attach one of the small formed angles (item 5) to the holes closest to the edge with the notches cut out of the corners using five  $\frac{1}{4}$ -20 x  $\frac{7}{8}$  flat head screws (item 3) & five  $\frac{1}{4}$  nylock nuts (item 4). (Top – grooved side has countersunk holes for screws to fit in.)

4. Attach the large formed angle (item 6) to the holes closest to the edge without notches using five  $\frac{1}{4}$ -20 x  $\frac{7}{8}$  bolts (item 3) and five  $\frac{1}{4}$  nylock nuts (item 4). The longer side of the angle must overhang the platform base – see photo above.



5. Lay out the platform piece with 5 holes (item 7). On the bottom side of the platform (the side without ridges), attach the second small formed angle (item 5) using five  $\frac{1}{4}$ -20 x  $\frac{7}{8}$  flat head screws (item 3) & five  $\frac{1}{4}$  nylock nuts (item 4). (Top – grooved side - has countersunk holes for screws.)



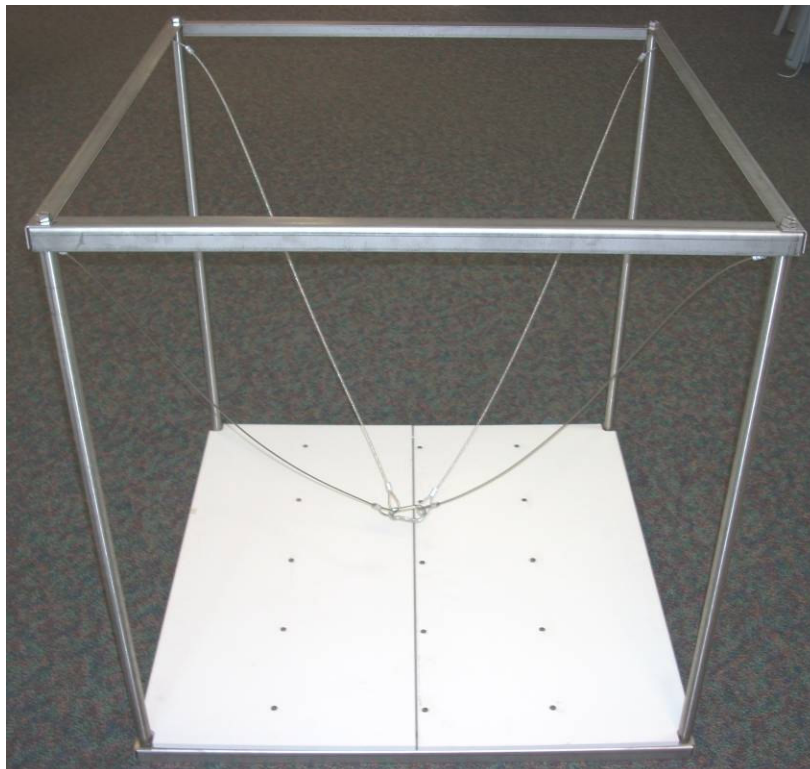
6. Lay platform bases within the bottom of the assembly. With grooved sides up, lay the platform piece with the 10 holes (item 2) down first making sure the platform piece is adjusted over to the



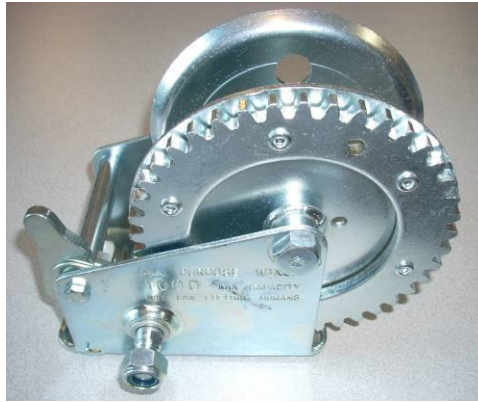
edge of the assembly. Lay the platform piece with 5 holes (item 7) down and adjust the assembly to make it square. At this point, lift up the assembly and tighten the bolts so assembly retains its shape.



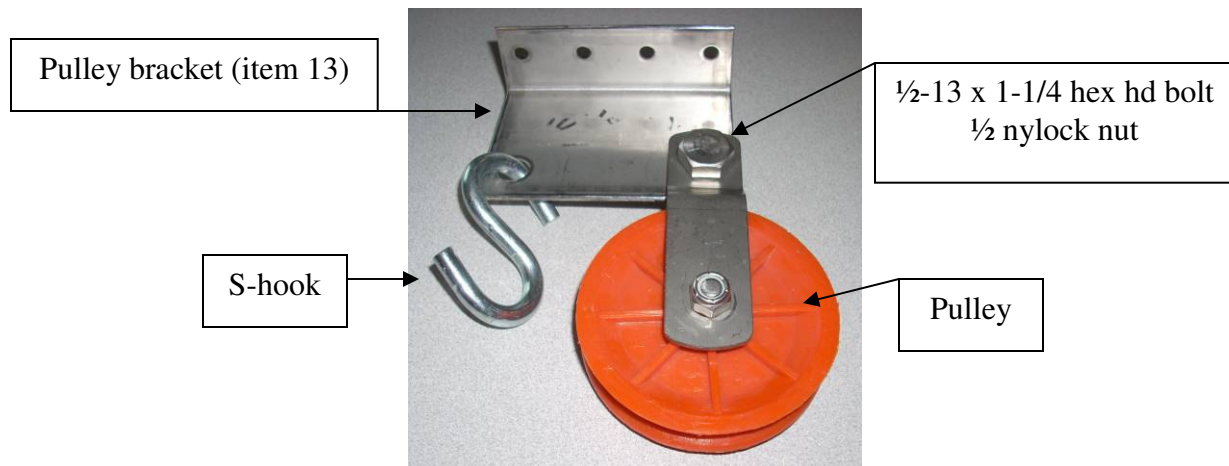
7. Attach the four 1/8" cable wires (item 11). Slide one end of each looped cable over the top of each vertical support. Let the four ends attached to the hook hang down in the center for now as shown in photo above.



8. Place the four remaining frame angles (item 1) to the tops of the vertical supports and fasten down using the 1/2-13 x 3/4 bolts (item 9). Tighten bolts.



9. Attach the winch (item 20) to the wall directly across from the adult turkey platform approximately 40" above the floor using four (4)  $\frac{1}{4}$  X 1-1/2 lag screws.

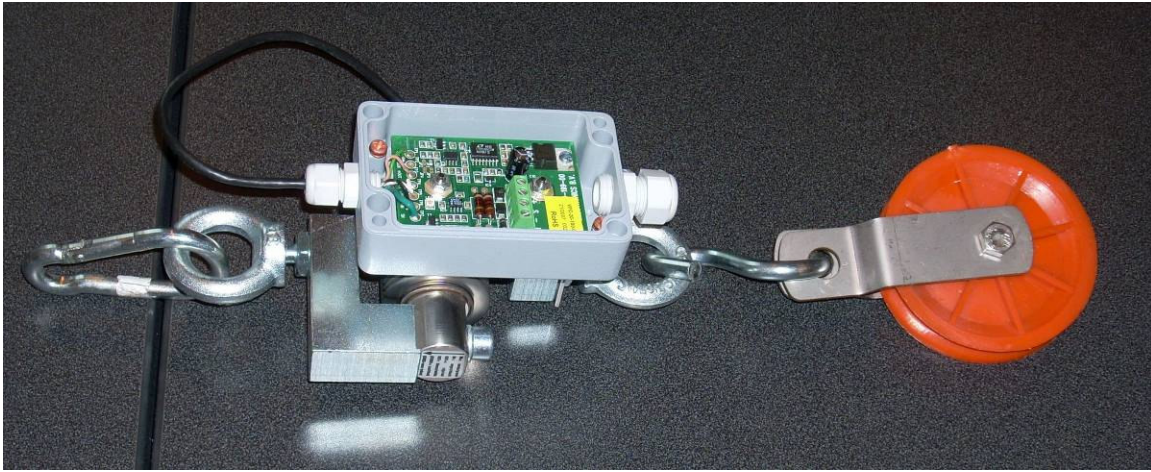


10. Attach one of the pulleys with the two mounting tabs onto the pulley bracket (item 13) using the  $\frac{1}{2}$ -13 x 1-1/4 bolt (item 17) and the  $\frac{1}{2}$  nylock nut (item 18). Mount the pulley bracket directly above the location of the platform to a truss/ceiling using four (4) of the  $\frac{1}{4}$  x 1-1/2 lag screws (item 19). One end of the 3/16" wire cable will attach to the S-hook further along in the assembly. (See assembly drawing for approximate mounting location.)



11. Mount the pulley with the two bent tabs to truss/ceiling directly above the winch (item 20) and across from the pulley bracket (item 13) using four (4) of the  $\frac{1}{4}$  x 1-1/2 lag screws (item 19).





12. Hook the bottom of the load cell with converter box (item 10) to the clip/hook attached to the four 1/8" cable wires (item 11) on the platform assembly. **At this point, it would be to your benefit to already have the load cell assembly wired to the Sentinel Scale controller.** (Doing so will avoid having to wire up in the air, or having to disassemble and reassemble the platform assembly.) Hook the remaining pulley with the two mounting tabs to the top of the load cell with converter box with an S-hook. (You can close the ends of the S-hook to ensure items do not fall off.)
13. **3/16" Cable placement:** Hook the looped end of the 3/16" cable wire (item 15) to the S-hook on the pulley bracket (item 13) directly above the platform. Proceed to run the 3/16" cable wire down to the pulley attached to the top of the load cell assembly. Bring the 3/16" cable wire back up to the bracket (item 13) with the pulley directly above the platform. Continue over to the pulley directly above the winch and then down to the winch (item 20) and fasten to the winch.
14. Once the 3/16" cable wire is completely attached, **raise the Adult Turkey Platform approximately 6" off the floor and lock the winch.**

You have now completed the assembly of the Adult Turkey Platform and are ready to start with the setup of your Sentinel Scale controller.