ADJUST TO FIT WING BEFORE FASTENING ITEM #3.

SCREWS ONLY. (NO GLUE ON THIS JOINT)

NOTE:

1. PLEASE EMAIL ANY NOTES OF ERRORS OR SUGGESTIONS TO STEVE AT INFO@IBDENG.COM.

2. AS AN ALTERNATIVE, IF FABRICATION OF ONLY A SINGLE SET OF STANDS IS DESIRED, FUSELAGE STAND #’S FS-103A AND FS-104A CAN BE SUBSTITUTED FOR THE WING STAND #’S WS-103A AND WS-104A. THIS WILL INCREASE THE HEIGHT OF THE WING STANDS 5.00”.

ITEM NO. PART NUMBER DESCRIPTION QTY.
1 WS-102A ASSY, ROOT STAND 1
2 WS-101A ASSY, TIP STAND 1
3 2X4 - 96.00 2.00 X 4.00 X 96.00 1

DIMENSIONS ARE IN INCHES
TOLERANCES:
FRACTIONAL 0.125
TWO PLACE DECIMAL 0.030
THREE PLACE DECIMAL 0.010

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THE INFORMATION CONTAINED IN THIS DRAWING IS THE SOLE PROPERTY OF INNOVATION BY DESIGN AND/OR ITS DESIGNATED CLIENTS. ANY REPRODUCTION IN PART OR AS A WHOLE WITHOUT THE WRITTEN PERMISSION IS PROHIBITED.

INNOVATION BY DESIGN
ASSY, WING STANDS

MATERIAL
DRAWN S25 11/13/08
CHECKED
ENG. APPR.
MFG. APPR.

SIZE DWG. NO. REV.
B WS-100TL A
NOTES:

1. HAND TIGHTEN THE 10-32 BOLT INTO THE WING TIP NUT PLATE. THE PLASTIC TUBE SHOULD ROTATE FREELY IN THE WOOD STAND TO PREVENT UNTHEADING OF THE BOLT. THE COLLARS CAN BE ADJUSTED TO ALLOW FOR SOME ACCESS BETWEEN THE WING TIP AND THE WOODEN SUPPORTS FOR PAINTING ETC.
NOTES:
1. ATTACH PIPE FLANGES AND CASTERS WITH #12 X 1.00 PAN HEAD SCREWS.
2. REFER TO NOTE 1. ON DRAWING #WS-105DL FOR HOLE DRILLING PROCEDURE.
NOTES:
1. TRANSFER DRILL Ø .563 HOLE THROUGH 2.00 X 4.00 X 3.50 BLOCK AFTER ASSEMBLY.
<table>
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<th>PART NUMBER</th>
<th>DESCRIPTION</th>
<th>QTY.</th>
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<td>2X6 - 37.25</td>
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<tr>
<td>6</td>
<td>2X4 - 6.00</td>
<td>2.00 X 4.00 X 6.00</td>
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NOTES:

1. MARK ALL HOLE LOCATIONS AND DRILL AS FOLLOWS:
   - DRILL Ø .563" HOLES AT POINT A., B. & C.
   - DRILL Ø .281" HOLE AT POINT D.
   - AFTER STANDS ARE ASSEMBLED, TRANSFER DRILL THROUGH HOLE AT POINT D. TO DEVELOP THE HOLE PATTERN AT POINT E.
   - TRANSFER DRILL THROUGH ONE OF THE POINT E. HOLES TO DEVELOP THE HOLE AT POINT F.

2. MAKE QTY. 2 FROM ONE 12" PIPE NIPPLE.

3. QUANTITIES LISTED WILL MAKE TWO SETS OF STANDS.
SUGGESTED SHOPPING LIST:

- (QTY 8) 2 X 4 X 96.00" PINE BOARD.
- (QTY 1) 2 X 6 X 96.00" PINE BOARD.
- (QTY 2) 2' X 4' X 1/2" PLYWOOD.
- (QTY 2) 10-32 X 6.00 BOLT.  
  (MCMASTER-CARR #92196A290)
- 1/2' OD X .25 ID RIGID PLASTIC TUBE.  
  (MCMASTER-CARR #8628K27)
- (QTY 4) 1/2' ID SHAFT COLLAR.  
  (MCMASTER-CARR #6157K14)
- 1/4' X 3.00' PIN.  
  (MCMASTER-CARR #98320A150)
- (QTY 3) 1/2' X 12.00' STEEL PIPE NIPPLE.  
  (HOME DEPOT SKU #182567)
- (QTY 4) 1/2' PIPE FLOOR FLANGE.  
  (HOME DEPOT SKU #182117)
- (QTY 12) 2 INCH CASTER.  
  (HOME DEPOT SKU #850851)
- (QTY 2) 1/2-13 X 4.00' BOLT.
- (QTY 2) 1/2-13 NYLOCK NUT.
- (QTY 4) 1/2' WASHER.
- (QTY 2) #10-24 X 1.50 BOLT.
- (QTY 2) #10-24 NYLOCK NUT.
- (ABOUT 150) 1-5/8' SHEET ROCK SCREWS.
- (ABOUT 25) 2-1/2' SHEET ROCK SCREWS.
- (ABOUT 65) #12 X 1.00' PAN HEAD SCREWS.
- WOOD GLUE.