ADJUST TO FIT FUSELAGE BEFORE FASTENING ITEM #3.

ITEM NO. PART NUMBER DESCRIPTION QTY.
1 FS-102A ASSY, FIREWALL STAND 1
2 FS-101A ASSY, TAIL STAND 1
3 2x4 - 12 FT 2.00 X 4.00 X 144.00 1

NOTES:
1. PLEASE EMAIL ANY NOTES OF ERRORS OR SUGGESTIONS TO STEVE AT INFO@IBDENG.COM.
<table>
<thead>
<tr>
<th>ITEM NO.</th>
<th>PART NUMBER</th>
<th>DESCRIPTION</th>
<th>QTY.</th>
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<tbody>
<tr>
<td>1</td>
<td>FS-103A</td>
<td>STAND, TAIL</td>
<td>1</td>
</tr>
<tr>
<td>2</td>
<td>CASTER 2 IN</td>
<td>2&quot; CASTER WHEEL ASSEMBLY</td>
<td>3</td>
</tr>
<tr>
<td>3</td>
<td>2X4 - 35.25</td>
<td>2.00 X 4.00 X 35.25</td>
<td>1</td>
</tr>
<tr>
<td>4</td>
<td>WASHER .50 IN</td>
<td>WASHER, 1/2&quot;</td>
<td>4</td>
</tr>
<tr>
<td>5</td>
<td>NUT .50-13</td>
<td>NYLOCK NUT, 1/2-13</td>
<td>1</td>
</tr>
<tr>
<td>6</td>
<td>BOLT .50 X 5.50</td>
<td>BOLT, 1/2-13 X 5.50&quot;</td>
<td>1</td>
</tr>
<tr>
<td>7</td>
<td>ANGLE - 5X3</td>
<td>ANGLE, 5.00 X 3.00 (MODIFIED)</td>
<td>1</td>
</tr>
<tr>
<td>8</td>
<td>ANGLE - 3X3</td>
<td>ANGLE, 3X3 (MODIFIED)</td>
<td>1</td>
</tr>
<tr>
<td>9</td>
<td>TUBE .50X1.25</td>
<td>TUBE, .50 X .25 X 1.25</td>
<td>2</td>
</tr>
<tr>
<td>10</td>
<td>NUT .25-20</td>
<td>NUT, 1/4-20</td>
<td>2</td>
</tr>
<tr>
<td>11</td>
<td>BOLT .25 X 2.50</td>
<td>BOLT, 1/4-20 X 2.50&quot;</td>
<td>2</td>
</tr>
</tbody>
</table>
NOTES:

1. REFER TO NOTE 1. ON DRAWING #FS-105DL FOR HOLE DRILLING PROCEDURE.

2. OPTIONAL - USE THIS HOLE WHEN FUSELAGE IS TIPPED ON ITS SIDE. THE WEIGHT IMBALANCE IN THIS POSITION WILL TEND TO ELONGATE THE HOLES AROUND THE CENTRAL PIVOT.

ITEM NO. | PART NUMBER | DESCRIPTION | QTY.
--- | --- | --- | ---
1 | FS-104A | STAND, FIREWALL | 1
2 | WASHER .50 IN | WASHER, 1/2" | 4
3 | BOLT .50 X 4.00 | BOLT, 1/2-13 X 4.00" | 1
4 | NUT .50-13 | NYLOCK NUT, 1/2-13 | 1
5 | CASTER 2 IN | 2" CASTER WHEEL ASSEMBLY | 3
6 | 2X4 - 36.50 | 2.00 X 4.00 X 36.50 | 1
7 | TUBE, .50X1.25 | TUBE, .50 X .25 X 1.25 | 2
8 | BOLT .25 X 4.50 | BOLT, 1/4-20 X 4.50 | 2
9 | NUT .25-20 | NUT, 1/4-20 | 2
10 | PIN .25 X 3.00 | PIN, 1/4" X 3.00" | 1

TOLERANCES:
- TOLERANCES: FRACTIONAL ± 1/32
- TWO PLACE DECIMAL: ± 0.030
- THREE PLACE DECIMAL: ± 0.010
- DIMENSIONS ARE IN INCHES
- UNLESS OTHERWISE SPECIFIED:

**INNOVATION BY DESIGN**

**ASSY, FIREWALL STAND**

**INNOVATION BY DESIGN**

**ASSY, FIREWALL STAND**
NOTES:

1. TRANSFER DRILL \( \varnothing \, 0.563 \) HOLE THROUGH 2.00 X 4.00 X 3.50 BLOCK AFTER ASSEMBLY.

ITEM NO. | PART NUMBER | DESCRIPTION | QTY.
--- | --- | --- | ---
1 | 2X4 - 42.00 | 2.00 X 4.00 X 42.00 | 2
2 | 2X4 - 41.00 | 2.00 X 4.00 X 41.00 | 1
3 | 2X4 - 3.50 | 2.00 X 4.00 X 3.50 | 1
4 | 2X4 - 7.25 | 2.00 X 4.00 X 7.25 | 2
5 | 2X4 - 12.00 | 2.00 X 4.00 X 12.00 | 1
6 | GUSSET 1 | GUSSET 1 | 2
7 | GUSSET 5 | GUSSET 5 | 2

TOLERANCES:
- FRACTIONAL: \( \pm 0.125 \)
- TWO PLACE DECIMAL: \( \pm 0.030 \)
- THREE PLACE DECIMAL: \( \pm 0.010 \)

DIMENSIONS ARE IN INCHES
DO NOT SCALE DRAWING

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

SIZE | DWG. NO. | REV.
--- | --- | ---
B | FS-103A | A

SCALE: 1:12
WEIGHT:

SHEET 1 OF 1
<table>
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<tbody>
<tr>
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<td>2X4 - 42.00</td>
<td>2.00 X 4.00 X 42.00</td>
<td>2</td>
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<tr>
<td>2</td>
<td>2X6 - 42.25</td>
<td>2.00 X 6.00 X 42.25</td>
<td>1</td>
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<tr>
<td>3</td>
<td>2X4 - 6.00</td>
<td>2.00 X 4.00 X 6.00</td>
<td>1</td>
</tr>
<tr>
<td>4</td>
<td>GUSSET 4</td>
<td>GUSSET 4</td>
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</tr>
<tr>
<td>5</td>
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</tr>
<tr>
<td>6</td>
<td>GUSSET 3</td>
<td>GUSSET 3</td>
<td>2</td>
</tr>
</tbody>
</table>
NOTES:

1. MARK ALL HOLE LOCATIONS AND DRILL AS FOLLOWS:
   - DRILL .563" HOLES AT POINT A, B, C, & G.
   - DRILL .281" HOLES AT POINT D AND G.
   - 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.
   - TRANSFER DRILL THROUGH POINT G HOLE TO DEVELOP HOLES AT POINT H AND J.
NOTES:

1. AS AN ALTERNATIVE TO THE HOME DEPOT PARTS, IF THE WING STANDS WERE BUILT ACCORDING TO MY PLANS, THESE SPACERS CAN BE CUT FROM THE LEFT OVER 1/2" OD PLASTIC TUBE.

2. FABRICATE BY TRIMMING HOME DEPOT ANGLE SKU NUMBER 282793.

3. CUT FROM 2 X 6 X 96.00 BOARD UNLESS A 48.00" BOARD IS AVAILABLE IN YOUR AREA.