

Sitka Spruce and Plywood parts list

Pietenpol Air Camper Vertical Stabilizer

| | | | Thickness X Width |
|------------------|---------|--------------|-------------------|
| Main Beam | (QTY) 1 | (Length) 32" | 1" x 1" |
| | (QTY) 1 | (Length) 18" | 1" x 1" |
| Leading Edge | (QTY) 1 | (Length) 34" | 3/4" x 1" |
| Center Beam | (QTY) 1 | (Length) 18" | 1/2" x 1" |
| Rib Strips | (QTY) 2 | (Length) 14" | 3/16" x 1/2" |
| | (QTY) 2 | (Length) 12" | 3/16" x 1/2" |
| | (QTY) 2 | (Length) 10" | 3/16" x 1/2" |
| Mahogany Plywood | (QTY) 1 | 1/8" Thick | 12" x 12" |

Pietenpol Air Camper Rudder

| | | | Thickness X Width |
|-------------|---------|--------------|-------------------|
| Main Beam | (QTY) 1 | (Length) 44" | 1" x 1" |
| | (QTY) 2 | (Length) 24" | 1" x 1" |
| Center Beam | (QTY) 1 | (Length) 40" | 3/4" x 1" |

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|------------------|---------|--------------|---------------|
| Trailing Edge | (QTY) 1 | (Length) 33" | 5/8" x 1 1/4" |
| Rib Strips | (QTY) 8 | (Length) 20 | 3/16" x 1/2" |
| Mahogany Plywood | (QTY) 1 | 1/8" Thick | 12" x 24" |

Pietenpol Air Camper Elevator(s)

| | | | Thickness X Width |
|------------------|----------|--------------|--------------------------|
| Main Beam | (QTY) 2 | (Length) 43" | 1" x 1" |
| | (QTY) 2 | (Length) 18" | 1" x 1" |
| | (QTY) 2 | (Length) 20" | 1" x 1" |
| Trailing Edge | (QTY) 2 | (Length) 32" | 5/8" x 1 1/4" |
| Center Beam | (QTY) 2 | (Length) 36" | 3/4" x 1" |
| Rib Strips | (QTY) 12 | (Length) 18" | 3/16" x 1/2" |
| Mahogany Plywood | (QTY) 1 | 1/8" Thick | 24" x 24" |

Pietenpol Air Camper Horizontal Stabilizer

Thickness X Width

| | | | |
|------------------|----------|--------------|--------------|
| Main Beam | (QTY) 1 | (Length) 90" | 1" x 1" |
| | (QTY) 2 | (Length) 18" | 1" x 1" |
| Leading Edge | (QTY) 1 | (Length) 84" | 3/4" x 1" |
| Center Beam | (QTY) 1 | (Length) 84" | 3/4" x 1" |
| Diagonal Brace | (QTY) 4 | (Length) 26" | 3/4" x 1/2" |
| Rib Strips | (QTY) 16 | (Length) 18" | 3/16" x 1/2" |
| Mahogany Plywood | (QTY) 1 | 1/8" Thick | 12" x 24" |

Pietenpol Air Camper Wing* *(Kit supports both single piece wing or three piece wing build)

| | | | Thickness X Width |
|----------------------------------|---------|--------------|--------------------------|
| Front and Rear Spar* | (QTY) 4 | (Length) 16' | 1" x 4 3/4" |
| (*Build from wing spar material) | | | |
| Trailing Edge | (QTY) 2 | (Length) 15' | 3/4" x 1 1/4" |
| Leading Edge | (QTY) 2 | (Length) 15' | 1" x 2" |
| Wing Tips | (QTY) 8 | (Length) 64" | 1/4" x 1" |
| Aileron Beams | (QTY) 4 | (Length) 80" | 1/2" x 3" |

| | | | |
|---------------------------|-----------|--------------|-------------|
| Aileron Brace | (QTY) 2 | (Length) 80" | 1/2" x 2" |
| Wing Braces | (QTY) 12 | (Length) 36" | 1/2 x 1/2" |
| Compression Struts | (QTY) 8 | (Length) 30" | 3/4" x 3/4" |
| Rib Cap Strips and Braces | (QTY) 100 | (Length) 64" | 1/4" x 1/2" |
| Mahogany Plywood | (QTY) 1 | 1/8" Thick | 24" x 48" |
| | (QTY) 2 | 1/16" Thick | 4' x 8' |

Pietenpol Air Camper Fuselage* *(Kit supports both original length fuselage and extended length fuselage build)

| | | | Thickness X Width |
|------------------|---------|--------------|--------------------------|
| Longerons; | (Qty) 4 | (Length) 15' | 1"x1" |
| Vertical Struts; | (Qty) 8 | (Length) 24" | 3/4"x1" |
| Vertical Struts; | (Qty) 2 | (Length) 18" | 3/4"x1" |
| Vertical Braces; | (Qty) 4 | (Length) 32" | 3/4"x1" |
| Vertical Braces; | (Qty) 4 | (Length) 30" | 3/4"x1" |
| Vertical Struts; | (Qty) 4 | (Length) 25" | 7/8"x1" |
| Vertical Braces; | (Qty) 4 | (Length) 42" | 7/8"x1" |
| Vertical Braces; | (Qty) 2 | (Length) 24" | 7/8"x1" |

| | | | |
|-------------------------|----------|--------------|-----------|
| Horizontal Struts; | (Qty) 11 | (Length) 24" | 1/2"x1" |
| Horizontal Struts; | (Qty) 1 | Length) 24" | 3/4"x3/4" |
| Horizontal Braces; | (Qty) 1 | (Length) 48" | 5/8"x1" |
| Horizontal Braces; | (Qty) 3 | (Length) 36" | 1/2"x1" |
| Horizontal Braces; | (Qty) 2 | (Length) 24" | 1/2"x1" |
| | | | |
| Seats (Forward & Rear); | (Qty) 9 | (Length) 26" | 1/2"x1" |
| Turtle Deck; | (Qty) 7 | (Length) 84" | 1/4"x1" |
| Filler Strips; | (Qty) 2 | (Length) 24" | 1/4"x1" |
| Filler Strips; | (Qty) 8 | (Length) 96" | 1/4"x1/2" |
| Filler Strips; | (Qty) 2 | (Length) 13' | 1/4"x1" |
| Model A Engine Box; | (Qty) 4 | (Length) 24" | 3/4"x3/4" |
| Mahogany Plywood(QTY) | 2 | 1/8" Thick | 4' x 8' |
| Birch Plywood | (QTY) 1 | 1/4" Thick | 2' x 8' |

Pietenpol Air Camper Steel Sheet and Strap

Special Note: So little – See plans

