Align "+" marks to make complete template.
Cut fuselage from 6mm Dupron.

**Fuselage Template**

**R/C MINI-E-BIPE II**

Designed and Drawn By Carl Hock   Sept 2011
Inspired by Lou Roberts 1/2A C/L "Mini-Bipe"
originally published in Flying Models Magazine.
Align "+" marks to make complete template. Cut fuselage from 6mm Dupron.

Fuselage Template
R/C MINI-E-BIPE II
Designed and Drawn By Carl Hock  Sept 2011
Inspired by Lou Roberts 1/2A C/L "Mini-Bipe"
originally published in Flying Models Magazine.
Align "+" marks to make complete template. Cut wings from 3mm Dupron.

After cutting aileron from wing bevel bottom to this line.
Align "+" marks to make complete template. Cut wings from 3mm Dupron.

After cutting aileron from wing bevel bottom to this line.
Align ‘+’ marks to make complete template. Cut wings from 3mm Dupron.

After cutting aileron from wing bevel bottom to this line.

Sheet 1 of 4

**Fuselage Wing Templates**

R/C MINI-E-BIPE II
Align "+" marks to make complete template. Cut wings from 3mm Dupron.
Align "+" marks to make complete template.

Cut these fuselage doublers from 6mm Dupron.

Cut these fuselage doublers from 6mm Dupron.

**Fuselage Doubler Templates**

R/C MINI-E-BIPE II

Designed and Drawn By Carl Hock  Sept 2011
Inspired by Lou Roberts 1/2A C/L "Mini-Bipe" originally published in Flying Models Magazine.
Align "+" marks to make complete template.

Fuselage doublers from 3mm Dupron.

**Fuselage Doubler Templates**
**R/C MINI-E-BIPE II**

Designed and Drawn By Carl Hock  Sept 2011
Inspired by Lou Roberts 1/2A C/L "Mini-Bipe"
originally published in Flying Models Magazine.

She et 2 0f 2
Wheels and Motor Mount

R/C MINI-E-BIPE II

Designed and Drawn By Carl Hock  Sept 2011
**WOOD PARTS and CABANE ASSEMBLY**

*R/C MINI-E-BIPE II*

Designed and Drawn By Carl Hock  Sept 2011

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**1/16 in Aircraft Plywood**

- Ø0.025 in
- Ø1.125 in
- Ø0.312 in

**1/32 in Aircraft Plywood**

- Ø0.025 in
- Ø1.125 in

**1/64 in Aircraft Plywood**

1/16 in Dia. Carbon fiber solid rod

1/16 in X 1/4 in Scrap Balsa Pinned to building board to form gluing fixture.

Cabane Assembly Fixture

Use epoxy glue
Cut from 3mm Dupron.

Vertical & Horizontal Stabilizers
R/C MINI-E-BIPE II
Designed and Drawn By Carl Hock   Sept 2011
LANDING GEAR AND PUSH RODS
R/C MINI-E-BIPE II
Designed and Drawn By Carl Hock  Sept 2011

.025” Dia. Music Wire
Push Rod End
12 Required

.032 in Dia. Music Wire
Landing gear Axel
2 Required

1/16” Hear Shrink Tube (Typ.)
Use thin cyanoacrylate glue
to lock in position after assembling
on model and adjusting to correct
length.

.040 Carbon Fiber Rod (Typ)

Typical Pushrod and Aileron Connector
Construction (6 Assemblies required)
Length as Required

1/16” Hear Shrink Tube (Typ.)
Use thin cyanoacrylate glue
to lock in position after assembling
on model and adjusting to correct
length.

1/16 in Dia. Carbon Fiber Rod
R/C Mini-E-Bipe II
Wing Assembly Fixture
Make from 1/4 in Thick Foam Board
(2 Required)

Notches are for light rubber bands used to hold wings in position

Designed and Drawn By Carl Hock Sept 2011
R/C MINI-E-BIPE II VERTICAL STABILIZER PAINTING TEMPLATE

Designed and Drawn By Carl Hock  Sept 2011
R/C MINI-E-BIPE II HORIZONTAL STABILIZER PAINTING TEMPLATE

Designed and Drawn By Carl Hock  Sept 2011