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Roll up and make the exhaust tube.

Exhaust pieces

Roll up and make the exhaust tube.

Exhaust pieces

Servo Doublers

Peel the paper off on the inside of this area so you can curve the airfoil to the leading edge.

Cut a 45° Degree Bevel between the top wing and the lower wing before glueing.

Peel paper off in this area

Stay the edge of the paper

Place servos on each side here and glue

Place servos on each side here and glue

Cut a 45° Degree Bevel between the top wing and the lower wing before glueing.

How to do the Leading Edges of the wings and elevator.

1. If the leading edge is separated, start here.
2. If the leading edge is not separated, start here.
3. Hold first skin in place and glue.
4. Bend second skin around the leading edge and glue.

Servo Doubler

Peel paper off in this area

Stay the edge of the paper

Peel the paper off on the inside of this area so you can curve the airfoil to the leading edge.

Cut a 45° Degree Bevel between the top wing and the lower wing before glueing.

Cut a 45° Degree Bevel between the top wing and the lower wing before glueing.

Made from 3/32" Hobby Plywood to give strength to the spar.

Two of these are needed

Wing Spar

Wing Spar

Wing Spar

Wing Spar

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Glue "Hatch Jamer" here.

This piece is used for the hatch

This piece is used for the hatch

Cockpit pieces

This will be the hinge for the hatch.

Exhaust Port Location (Use this one

Exhaust Port Location (Do not Use this one

Glue "Hatch Jamer" here.

0123456789
Landing Gear Numbers

0123456789
Front Cowling Numbers

0123456789
Vertical Stab Numbers

Hatch Hinge

Hatch Hinge

Hatch Hinge

Hatch Hinge

Follow the guide above to help you assemble the Helldiver. Please note that we only made one of these planes so far so keep in mind that some of the exterior "skin" pieces might not fit perfectly. We always recommend to "dry fit" the pieces first before glueing them into place. If they do not fit perfectly, we would suggest to make the adjustments accordingly and replace it with the new piece that you made.

This plane is somewhat nose heavy so we placed four "Tire weights" here on each side to make the CG work. You might want to figure out the CG before glueing this piece on.

Each weight weighs .25 oz = 2 oz total of tailweight.

Fuselage Insignia

Wing Insignia