

F22 Raptor

1. Cut all pieces. Fuselage may be split with with single straight cut and the stabilizer incidence wedge cut when wing is fit. Mark centerline of Wing Mount.
2. Glue inlet pieces together flat.
3. Glue Horizontal Stabilizer pieces together flat.
4. Glue Wings to Wing Mount piece with $\frac{1}{4}$ " dihedral each side. Front corner of wing lines up with front edge of mount.
5. If decoration is desired , it is easiest to do at this stage, before further assembly.
6. Glue Vertical Stabilizers to Horizontal Stab assembly using jig to set lean. Front corner of Vert Stab lines up with leading edge of Horiz. Stab.
7. Glue Inlet assy to front of wing assy.
8. Test fit upper fuse to wing/inlet assy. Mark Trailing edge of wing on fuselage. Cut wedge from upper fuse and glue to lower fuse.
9. Glue Upper Fuselage piece onto wing/inlet assy. Let dry.
10. Glue lower Fuse to upper fuse and wing. Let dry.
11. Test fit stabilizer assembly in fuse wing assy. Trim slot and LE of stab. Glue into slot and to Mount aft edge.
12. Test glide. Structure is very stiff so tabs may need to be added or cut for trim adjustment.

