

DE HAVILLAND BEAVER INSTRUCTION SHEET

THE LARGE SIZE MODEL IS 1:48 SCALE AND WAS DESIGNED TO BE PRINTED ON 110# CARDSTOCK.

SUGGESTION: INSTEAD OF FOLDING THE WING STRUTS CUT THEM APART AND LAMINATE THEM WITH SCRAP CARD STOCK SO THEY ARE 4 LAYERS THICK.

GLUE VERTICAL STAB TO LINE ON TOP OF FUSELAGE

SLIT AFT FUSELAGE AND INSERT THE HORIZ STAB.

CUT SLITS IN FUSELAGE AT WING ROOTS AND TAB WINGS INTO FUSELAGE AND GLUE

TAIL WHEEL

AFT FUSELAGE

BE SURE THAT THE WINDSCREEN IS GLUED ON BEFORE GLUING THE FORE AND AFT SECTIONS OF THE FUSELAGE TOGETHER.

IT IS BEST TO GLUE THE WINDSCREEN ON ONE TAB AT A TIME

WINDSCREEN

ENGINE

PROPELLOR

PIN

COWL

WHEEL

FORM THE LG LEG INTO A NARROW TEAR DROP SHAPE AND GLUE TO FUSELAGE. ONCE DRY, SLIP THE FAIRING OVER LG LEG AND GLUE

IF USING THE OPTIONAL 'ROLL-UP' PROP SPINNER, START BY ROLLING THE AFT PART OF THE SPINNER AROUND THE MIDDLE OF A ROUND TOOTHPICK. GLUE AS YOU GO. GLUE ON THE PROPELLOR AND THEN ROLL THE FRONT OF THE SPINNER AROUND THE TOOTHPICK. FINALLY, TRIM OFF THE PROTRUDING PORTION OF THE TOOTHPICK.

SOME BEAVERS HAVE A CHIN AIR SCOOP WHILE OTHERS HAVE A SCOOP ON TOP OF THE COWL ON THE STARBOARD SIDE

SPECIFICATIONS:

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|----------------|---------------------------------|
| Engine: | Pratt & Whitney R-985 - 450 BHP |
| Propeller: | Hamilton Standard - two blade |
| Wing span: | 48' 0" |
| Length: | 30' 4" |
| Height: | 12' 6" |
| Wing area: | 250 square feet |
| Gross weight: | 5100 pounds |
| Empty weight: | 3226 pounds |
| Useful load: | 1874 pounds |
| Fuel capacity: | 95 US gallons |
| Cruise Speed: | 138 mph |
| Max Speed: | 158 mph |
| Max. Range: | 455 miles |

NOTE ABOUT LG ATTACHMENT:
ATTACH POINT 1 IS FOR FORWARD FLOAT STRUT ONLY

ATTACH POINT 2 IS FOR THE MIDDLE FLOAT STRUT OR THE LG LEG FOR LAND VERSIONS.

ATTACH POINT 3 IS FOR THE WING STRUT AND THE AFT FLOAT STRUT. THIS POINT GETS COVERED BY THE BACK OF THE LG FAIRING ON LAND VERSIONS.

CHIN SCOOP

STARBOARD AIR SCOOP

The DeHavilland Beaver was designed and built in Canada, and first flew on August 16th, 1947. It is an all-metal bushplane designed to operate on skis, wheels, or floats. Its rugged dependability and exceptional performance make it a favorite with bush pilots.

The Beaver is considered by many to be the best bushplane ever built. Even though a number of them have been retired to museums around the world, the demand for this 'half-ton truck of the air' is still as strong as ever. The original selling price was \$32,000.00 US. In 2006, a Beaver, over 40 years old and in good condition, was selling for up to \$650,000.00 US.