WHAT'S AVAILABLE? by Harley Michaelis (Sept. 5, '09)

Other than composite fuselages & wing cores, Genie builder/enthusiast Michael "Augie" McKibben, 7011 52nd Ave N. Crystal, MN 55428, e-mail Augie_mrcss@comcast.net, is now the source for items mentioned below. Ask for an "Out of country" sheet of information if not in US.

ON LINE PLANS: Go to http://www.geniebuild.com/harleys_genie.html . Click on the miniature plan to display a PDF version. Same plans work for all of the ships. Enlarge to any scale to navigate the plans. When the nose block in the lower left corner displays 5" long, other plan parts appear full size. Copy plan data to a CD & take to Kinko's, etc. to get a full size copy.

COMPOSITE FUSELAGES: See website File 8 for details, but note: The dedicated glassed-over fuselages detailed in Files 1 & 5 cost much less, are more durable, more repairable, have lower profiles, slimmer cross sections ahead of the fin & are realistic to make. By following instructions, even first time builders have made them to look like works of art. Smooth Genie Pro laser cut wood kits are available. See http://www.vintagesailplaner.com/SmoothGeniePro.html.

CNC CUT WING CORES: Anker Berg-Sonne, is THE source for finest Genie line cores cut from dense Dow High-Load 60 foam. They are also lowest in cost. We closely collaborated to get cores & beds cut to readily work with the Genie vacuum bagging procedures detailed in File 3, the wing file. Anker's address is 8 Middlemost Way, Stow, MA 01775. His e-mail is Anker@AnkerSoft.com. His website is http://www.stealthplaneworks.com/. Enter, follow prompts, click a button & scroll down. Anker is attentive to e-mail & set up to cut cores in a timely manner. With an order he includes dense scrap foam needed for vertical webs & misc.

One other source endorsed is Bob Mellen, bob@flyingfoam.com. URL http:///www.flyingfoam.com. Bob prefers using Spyder foam which is more costly. He indicates he will respond to e-mail within 24 hours. Wait time for cores is on the order of one month.

FROM AUGIE

(1) Machine copy of plans with (2) below. $8.00. Add Priority Mail fee for separate plans.

(2) STANDARD PACK: $20 PP, Priority Mail in US. Includes (a) latest construction CD, (b) molded glass canopy if glassed-over fuse planned, (c) straight .042 x 3/8" clock spring steel blades, (d) 1/16" nylon for stab bellcrank, (e) flat surgical rubber used in stab retaining system, miscellaneous items depending on which ship is to be built & if glassed-over or composite fuse is to be used. Specify which to him, please.

(3) Optional ½" x .042 or .050 blades. See Const. file 3, Part 1, pages 3 & 4 about blades & boxes. Add $1.50 for pair of .042 blades or $2.00 for .050. You grind/file to angle using instructions on the CD.

(4) Traditional hardware, requiring servos in the tips & external hardware is not to be used. See the "What's A Genie?" file for explanation. You'll need 2 pair of the RDS Kimbrough Couplers @ $5 a pair.

(5) File A5 tells how to make flap "pockets" & the "drive shafts" used to move flaps & ailerons. Two pre-made flap pockets & four shafts are available for $12.50. There are no closed aileron pockets. Rather, the aileron drive shafts slip into open-ended hard slots in the aileron ends. File 10 details making these from carbon plate. A piece can be included for $1. Add 50 cents to have it cut into the 4 pieces needed.

National Balsa Co is a source for ply, balsa & basswood needed. They have a very good website at http://www.nationalbalsa.com/balsa.htm. Lone Star Balsa is again in operation. See the Costs & Materials file about woods needed.