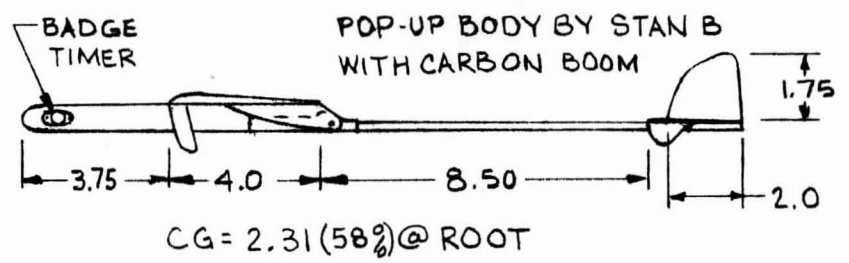
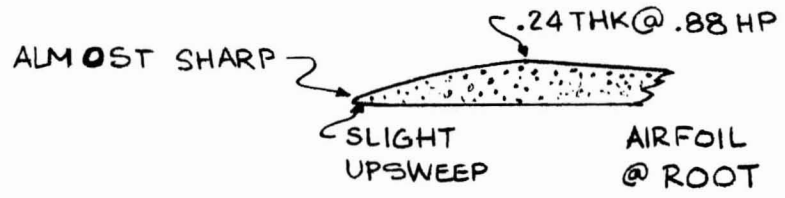


.06 SWEEPBACK CUT/SIDE @ FINAL



\* NOTE: FOR LIGHT AIR GLIDER, REDUCE DIHEDRAL DIMS BY .06.

WINS INCLUDE 2004 SWR & NORCAL '03 & '04	'MAXCAT 19'	CLG BY: TIM BATIUK
WT GOAL: 27-31 GMS	SCALE: .2" = 1"	22 MAY 04 L. HINES

## National Cup Winner

# Tim Batiuk's Maxcat Catapult Glider

Lee Hines  
Glider Editor

Costa Mesa CA

Hello again Faithful Readers!

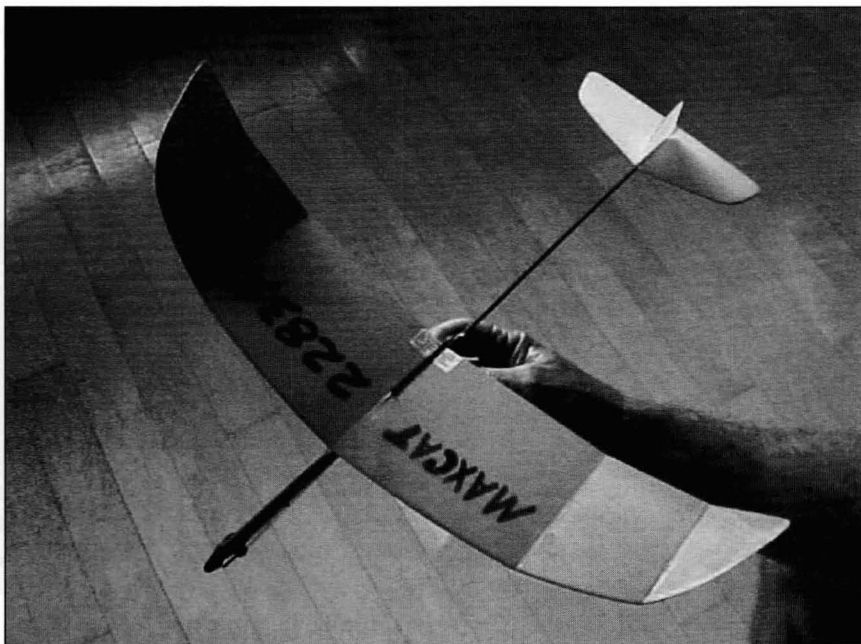
You obviously read the feature on Maxine, Tim Batiuk's 2003 National Cup winning hand-launch glider. (*You didn't? Look back to the May 2004 Digest, p. 14*). Are you ready for the next offering from Tim's winning glider fleet? I knew you would be, so without further ado . . . Here's Tim's Maxcat catapult glider.

The model's name derived from Max, the family cat, who was named for Tim's late mother, Maxine—you get the drift. Tim figured a little help from beloved namesakes couldn't hurt, especially when attached to an object that is required to make maxes in competition flights!

Tim told me to begin by saying there is "nothing new," and every glider designer borrows ideas from others. In fact, Tim "borrowed" Stan Buddenbohm's Apex wing outline. He made some minor changes, including adding more dihedral (still our running inside joke), to achieve the given shape.

Tim settled on the 19-in. span and a

*Right: Pivoting tail boom provides positive DT and exit from even the strongest thermals. Components are available from Stan Buddenbohm.*



*This view from above shows the attractive wing outline, borrowed from Stan Buddenbohm's Apex design. Tim likes the 6-panel layout: He believes it enhances thermal stability. (Tim Batiuk photos)*

