



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

WT GOAL ~ 45GMS

2003 WINS INCLUDE THE NATS, NWFFC, USFFC & SCAT ANNUAL.

'MAXINE 24' HLG BY: TIM BATIUK

SCALE: .2"=1"

24DEC03 L. HINES

National Cup Winner

Maxine, Tim Batiuk's Handlaunch Glider

Lee Hines
Glider Editor

Costa Mesa CA

What's in a name?

In this case it is the name of Tim Batiuk's late, revered mother. So with Max in her name, that should be good enough for anyone.

Tim stated that he wanted a big glider, with a wing of near 100 sq-in., and he began his design from Stan Buddenbohm's Apex hand-launch glider wing outline.

Getting a lot of altitude with such a big glider is a challenge, Tim says, but the model's transition is consistent and the improved glide from the large wing

area helps its thermaling ability.

The large amount of dihedral the model carries has provided a source of joking between us, but it has proven worthy to be a winner—several times in 2003. Major wins included the Nats, U.S. FF Champs, Northwest FF Champs and SCAT Annual.

Already in 2004 Tim has won at the SouthWest Regionals at Eloy AZ, as well as a second consecutive win at the SCAT Annual.

His building, trimming and flying is obviously doing the job and follows closely the methods disclosed in Stan Buddenbohm's "How-To" glider primer article in Feb 2004 *Digest* (p. 15).

If you like big HLGs, build a Maxine! □



Tim Batiuk (Pacifica CA) with Maxine HLG (on left) and the smaller Maxcat catapult glider. Both are big winners. Note models' 6-panel wing configurations and healthy

dihedral angles. Maxcat will be a *Digest* plan feature in an early issue. Both models were winners in 2003 National Cup competition, and winners in several major contests.