

WHAM



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and the Kansas Sunflower Squadron, FAC Squadron #23

NEWS, VIEWS and REVIEWS

Converting Old Javelin Lanuch HLGs to DLGs

Tim Batiuk had this to say over on the NFFS site...

"Stan B. and I have had success converting our old hlg to dlg. It is a matter of putting the Y tail feathers with skew on, changing it to turn right and removing the finger grip and moving the washin tab from the left to the right pane. You might wonder why would we do this when the larger dlg fly so well...

Well, they are lighter, we can get them higher than we could javelin style and most importantly we can fly them with way more incidence, which make for excellent thermal ability.

I am quite sure the larger dlg gliders will out perform the smaller converted ones, but I am also sure that the smaller converted hlg will out perform the old javelin hlg....and this way absolutely everyone can fly hlg/dlg.

So get your old gliders and get them converted and you will get 100' launches like when you were a kid!

Javelin Launch Gliders (JLG's) needed to be set up very close to 0-0, or they get loopy. The harder you throw the more they want to loop. A good JLG goes where you throw it, throw it straight out, it goes like a dart. Throw it up, it goes up. The closer you are to 0-0 the farther back the CG gets. While this is good for a JLG launch and transition, it gives the glider a very narrow margin of stability. They spin in easily from lift or turbulence. Most outdoor models need a little bit of + incidence for this reason. Indoors, the best gliders are all at 0-0, or even a little bit negative.

DLG's on the other hand are thrown more horizontally, and much faster thanks to the additional tangential velocity. A good DLG launch will send the model out of the hand at a slight angle up, and the model will climb in a upward spiraling arc before entering the glide. The additional incidence causes this climb. When you add incidence the CG must be moved forward to maintain the glide.

Often times we will interchange the two terms, depending on the viewpoint.

"I moved the CG forward" means I added noseweight, and assuming the glide was stable before weight was added to the nose, then incidence had to be increased as well or the model would dive.

"I added some incidence", again if the glide was OK before the incidence was added, then it is assumed that some nose weight was added to keep the glider from stalling, thus the CG was moved forward as well.

November 9, 2013 Meeting Minutes

ATTENDEES:

Mary Kay & George Avila, Paula & Jeff Englert, Regina & Marty Kline, Darlene & Richard Kirkland, Jim O'Reilly, Chuck Powell, Marilyn & Bill Schmidt, Ed Salguero and Dan Walton,

President Avila called the meeting to order.
The previous meeting minutes were approved.
The treasurer's report was presented by Jim O'Reilly.

OLD BUSINESS:

Discussed the club's non-profit status. Basic conclusion was we are not real profitable, and though we are holding a positive balance, it is not real significant.

NEW BUSINESS:

Motion made, seconded and carried to cover our stipend again for the 2014 flying season.

Motion made, seconded and carried for exec committee to review club constitution.

Motion made, seconded, and tabled to hold monthly fun-fly events next year.

Motion made, seconded and tabled to hold single event contest at the fun-flies.

Motion made, seconded and tabled to offer to co-sponsor the HAFFA fall (Marion) contest.

Motion, seconded and carried to re-elect current club officers for another term.
Club Officers: President: George Avila, Vice-President: Bill Schmidt,
Treasurer: Jim O'Reilly, Secretary: Jeff Englert,

SHOW AND TELL:

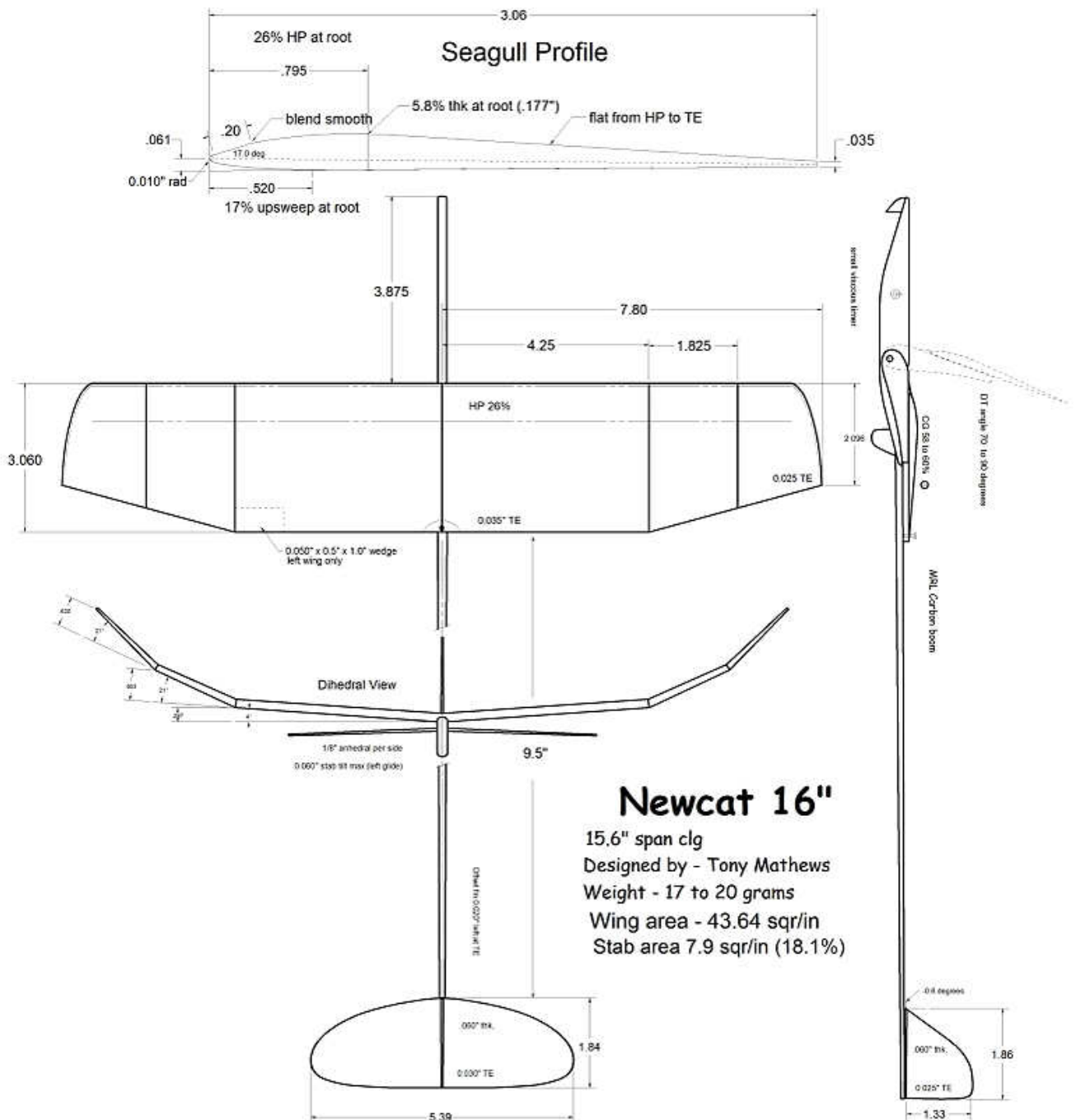
Bill Schmidt showed an .020 Tee Dee powered Sal Tabi designed Pacer.

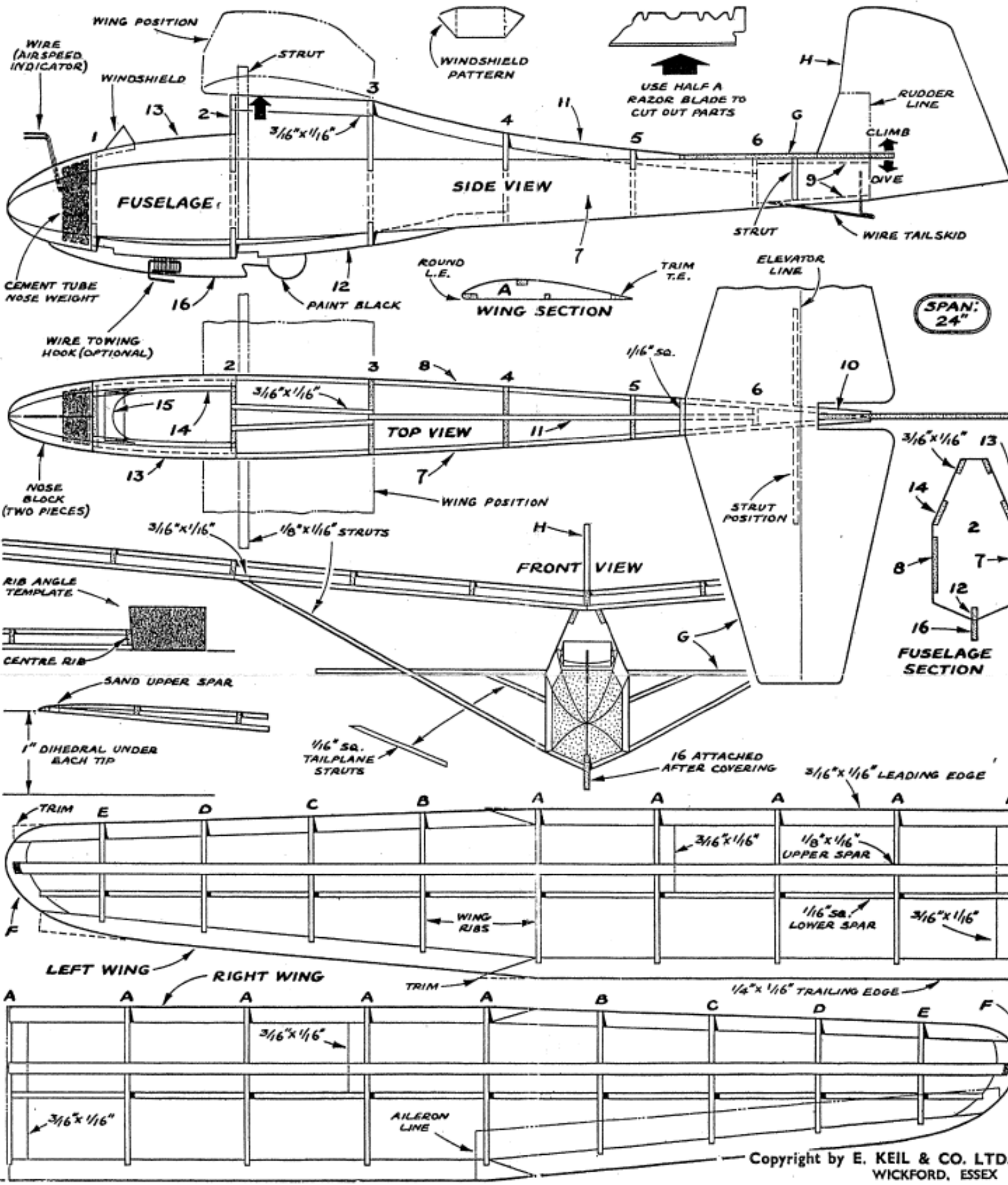
Chuck Powell displayed his tri-color Burnham Twin Pusher.

SAM 1/2A Texaco Event

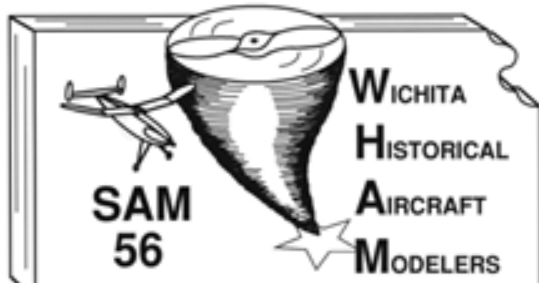
To cap off the year's poor flying weather that we've been facing, a quick call for a least one 1/2A Texaco flying session was arranged. Four brave flyers gathered and launched attempts for the privilege of adding their name to the club trophy.

Bill Schmidt	Aero Champ	456 + 589 = 1045
Ed Salguero	Playboy	400 + 589 = 989
Jeff Englert	Aero Champ	417
George Avila	Kerswap	OOS





WHAM – News, Views and Reviews
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**FLYING
ACES**



**Sunflower Squadron
Wichita, KS**

The next SAM 56 Dinner Meeting will be at:

Mediterranean Grill

335 S Towne East Mall Dr., Wichita, KS 67207

(316) 651-5599

Saturday, January 11, 2014

Social Hour @ 6:00 PM, Dinner @ 7:00 PM..

Upcoming events:

January 11 Dinner meeting

Membership Information:

Open to all interested AMA members, founded to encourage and promote the model airplane building hobby. Member dues \$20 annually, Subscription only; \$12 annually, \$18 foreign. Send checks to Jim O'Reilly, 4760 Battin, Wichita, KS 67220. All memberships and subscription renewals are due January 1st of the new year.

Club Officers: President: George Avila, 683-1474 Vice-President: Bill Schmidt 744-0378,
Treasurer: Jim O'Reilly, 744-0856 Secretary: Jeff Englert, 722-7491