



The Flightline



Volume 48, Issue 6 Newsletter of the Propstoppers RC Club AMA 1042 July 2017



President's Message

The CA field is rather soft as I write this after two days of rain. Hopefully it will quickly dry in the sun over the next few days.

Notice we have changed the date of our July picnic from the one picked at the last meeting. It was brought to our attention that it clashed with the Warbirds over Delaware meet which is popular with many of our club members. The date is now July 22nd.

Hope to see you at the meeting and the picnic.

Dick Seiwell, President

Propstoppers Club Monthly Meeting

June 13, 2017 at the Christian Academy meeting room

Call to order took place at 7:10 PM by Vice-President Chuck Kime

Treasurer's report was presented by Pete Oetinger
Minutes of the May meeting were approved by the members

Roll - 16 members were present

Old Business:

The picnic dates as announced were (~~July 15~~ **Now 22nd**) with burgers, August 19 has a hoagie day and September 16 as hot dog and food day. December 12 was also listed for the indoor holiday party with the club providing hoagies.

New Business:

The group discussed whether flying at the fields should be organized at the picnic to avoid crowded skies. Chuck Kime up was going to plan something.

The group also discussed a requirement that we have identification in our planes so we can get it back if lost.

Show and Tell:

Ken Merlino showed his new ARF called Bird Of Time. It has a 118 inch wingspan and flies as a two channel glider that goes up on a tow line.

Adjournment took place at 8:02 PM, Dick Bartkowski, Secretary



Agenda for July 11th Meeting At At the CA Church Room 7:00 pm till 8:30

1. Show and Tell
2. Membership Report
3. Finance Report
4. Club Calendar Review
5. Plan for July Club Picnic

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Club Picnics at CA Field

July 22nd with Burgers

August 19th with Hoagies

September 16th Hot Dogs etc.

December 12th Indoor Holiday Party

Calendar of Events

Club Meetings

Monthly Meetings

Second Tuesday of the month.
Gateway Community Church at the Christian Academy. Doors open at 7:00

Next Meeting; 11th July at the Gateway Church room.

Tuesday Breakfast Meeting

Tom Jones Restaurant on Edgemont Avenue in Brookhaven. 9 till 10 am. Just show up.

Flying after in the summer at CA or Elwyn Field 10 am. Weather permitting.

Indoors at the Brookhaven Gym in bad weather 10:30-11:30 See dates allowable.

Regular Club Flying

At Old Christian Academy; **Electric Only**

Monday through Friday after school till dusk
Saturday 10 am till dusk

Sunday, after Church; 12 pm till dusk

At Elwyn Field; **Gas or Electric**

Monday through Saturday 8 am till dusk

Sunday 12 pm till dusk

INDOOR Flying, see attached dates.

Special Club Flying

Saturday mornings 10 am

Wednesday Helicopter evening in summer

Thursday evenings in the summer

Tuesday mornings 10 am weather permitting after breakfast.

Check our Yahoo Group for announcements;

<http://groups.yahoo.com/group/propstoppers/>

Beginners

Beginners using due caution and respecting club rules may fly Apprentice or similar models without instructors at Christian Academy Field.

The club also provides the AMA Introductory Pilot Program for beginners without AMA insurance.

Propstoppers RC Club of
Delaware County, Pennsylvania.

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Propstoppers Web Site; www.propstoppers.org

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Club Picnic Saturday July 22nd

3 p.m. till Dusk

We changed the date from the original 15th to the 22nd because many members attend the Warbirds over Delaware meeting which is 12 – 15th July

<http://delawarerc.org/warbirds.htm>

So, plan to come on out, bring your planes, chairs and canopies. Then bring something special to share on the food table if you wish.

Our picnics are usually excellent so start your preparations now and join us at the field.



More on Slope Soaring from AI Cheung on the Slopes of NorCal

Dear fellow Propstoppers:

Thank you for forwarding me your newsletter. The treatise on slope soaring by Professor Harding was absolutely insightful and outstanding. Now I can explain to the Stanford engineering students why their 3D foamies just will not perform on the slope. Nevertheless, they feel that established theories need to be tested in real life.

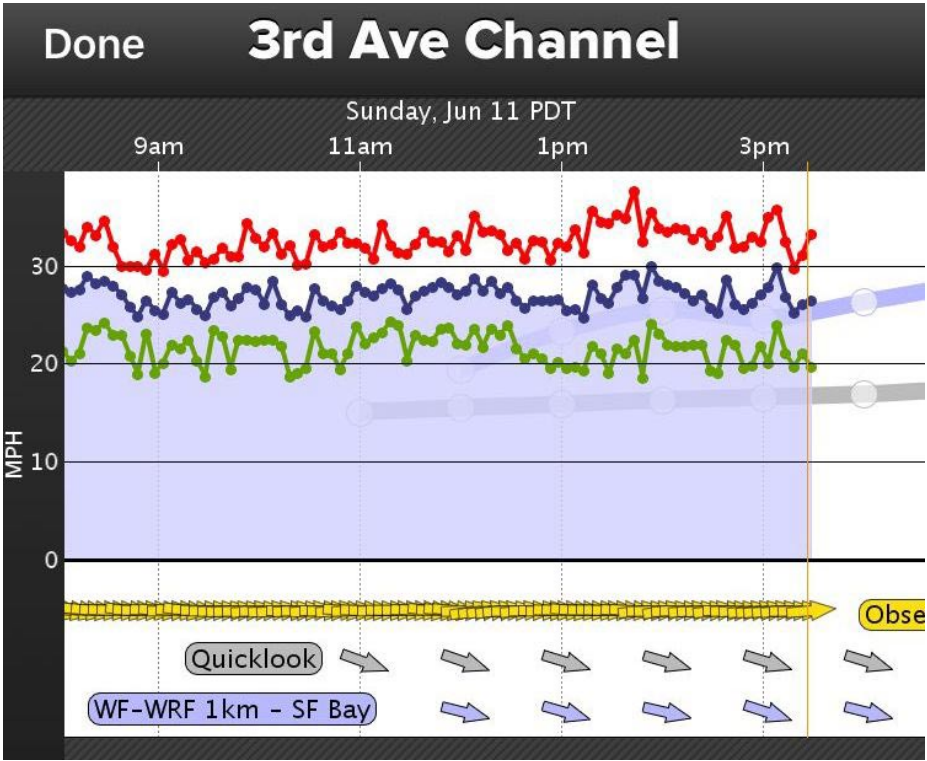
Please also note that the functions displayed on the Gliding Performance graph are not linear. They are exponential! What that means is that the fun and excitement factor is also exponential in relation to the wind speed.

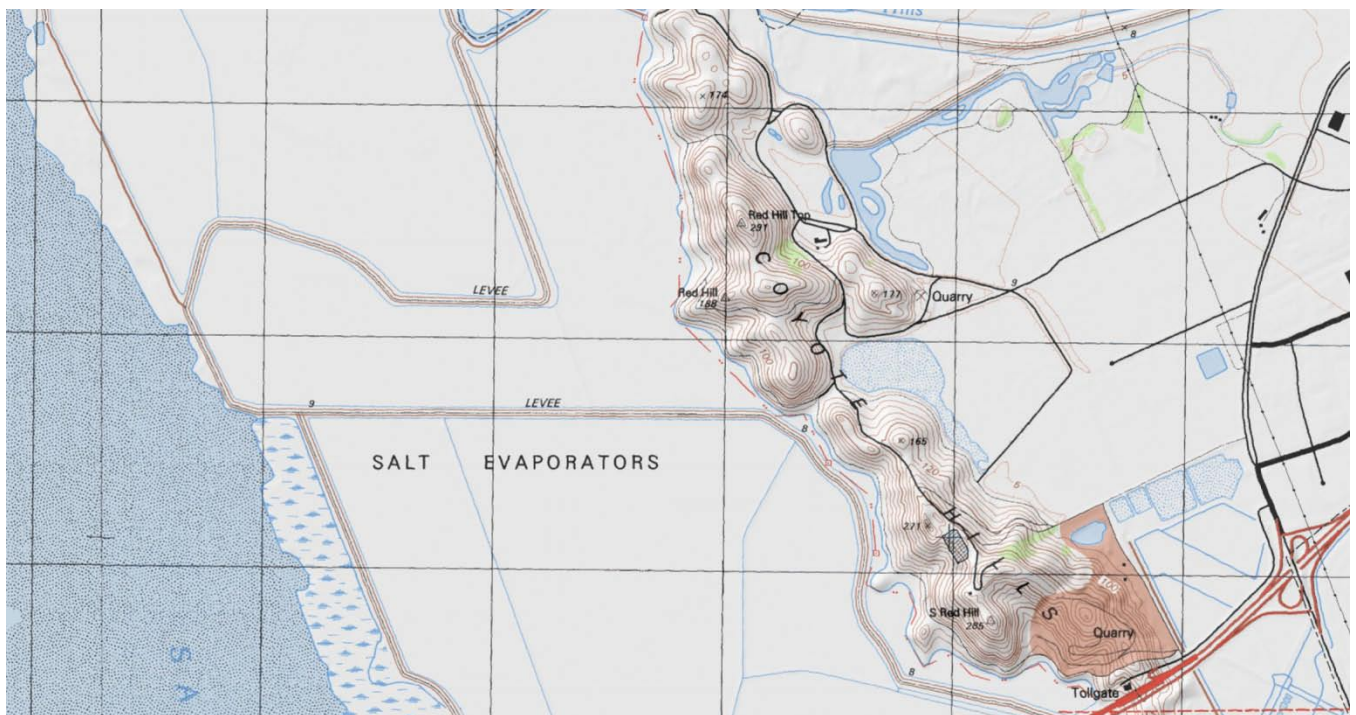
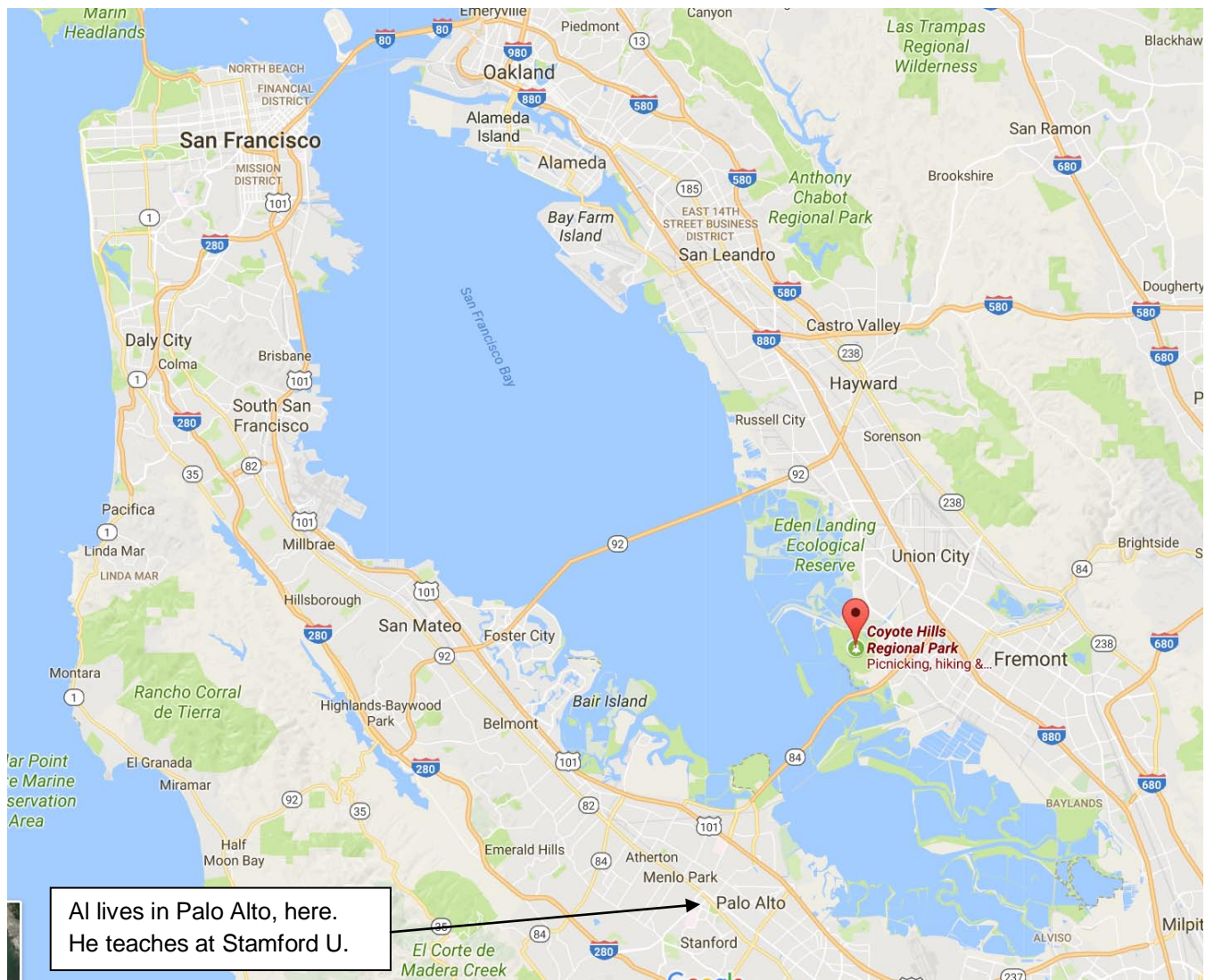
*(Editor's note: If the wind speed doubles, the lift increases **four** times. So the model must be ballasted to four times the original weight if it is to fly level in the wind)*

Attached are photos of my two high-wind slopers on a kitchen scale and the 3rd Ave wind sensor readings from this past Sunday that reflect the winds experienced at the top of Glider Hill in Coyote Hills park in Fremont on the East side of the San Francisco Bay. The NCFM M60 is a 60 in model and the Gulp GV48 is a 48 in model. Note also the condition of the airplane's noses. It is true that these planes take a beating.

AI







Power Scale Soaring in the UK

The mammoth Antonov 225 is being readied for launch. The wind was a gentle 20 mph. The Antonov's grace in the air is awesome. Its agility through big maneuvers is surprising.



Yep, they build 'em BIG. Come to think of it, Eric hand launched the Giant one time! 14.5ft span



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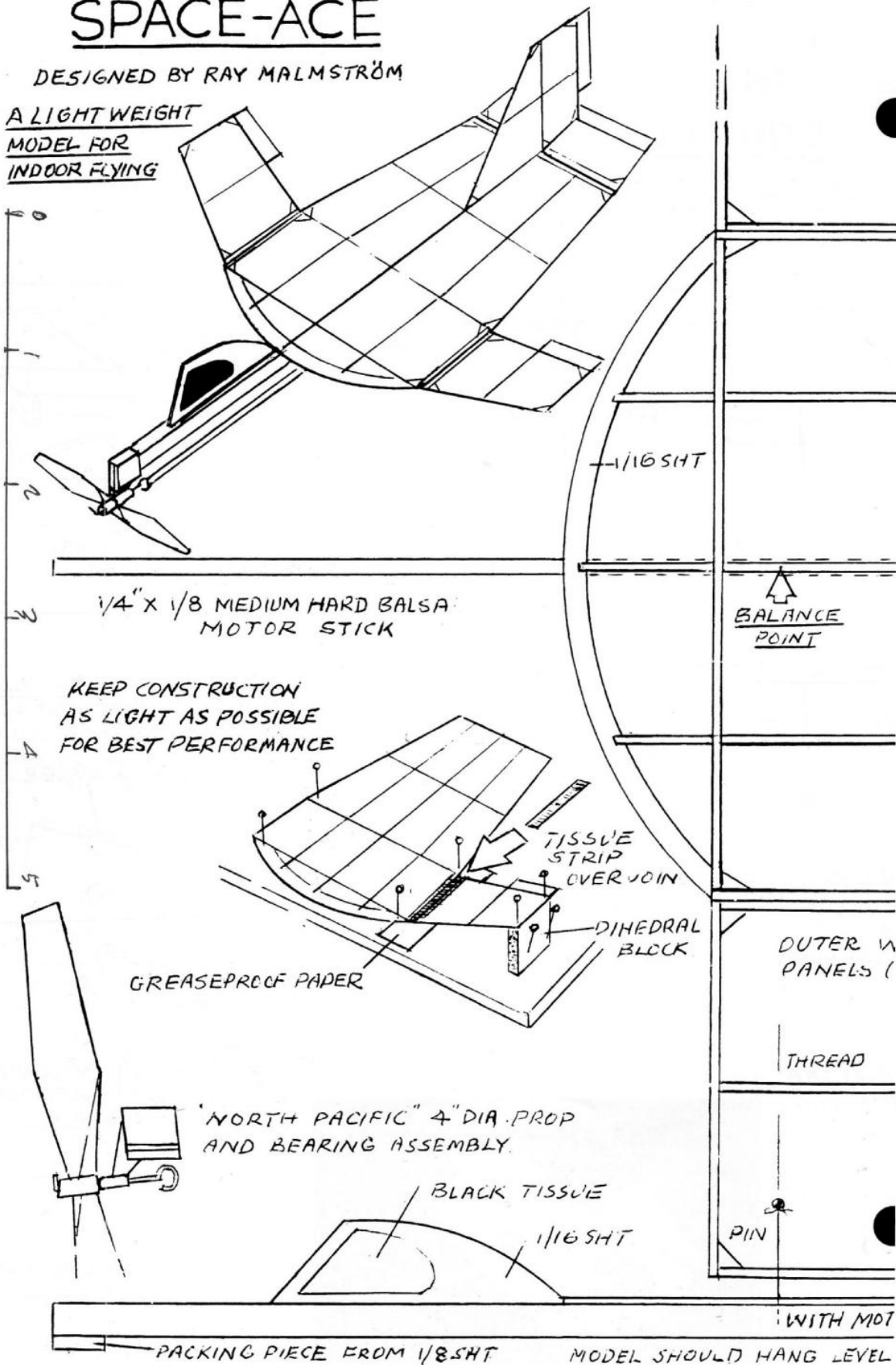


My 100-in. wingspan Canberra has amassed many hours of high-energy sorties. I'll paired it with an A-10 and my 14-foot span B-52 for some formation flying this season.

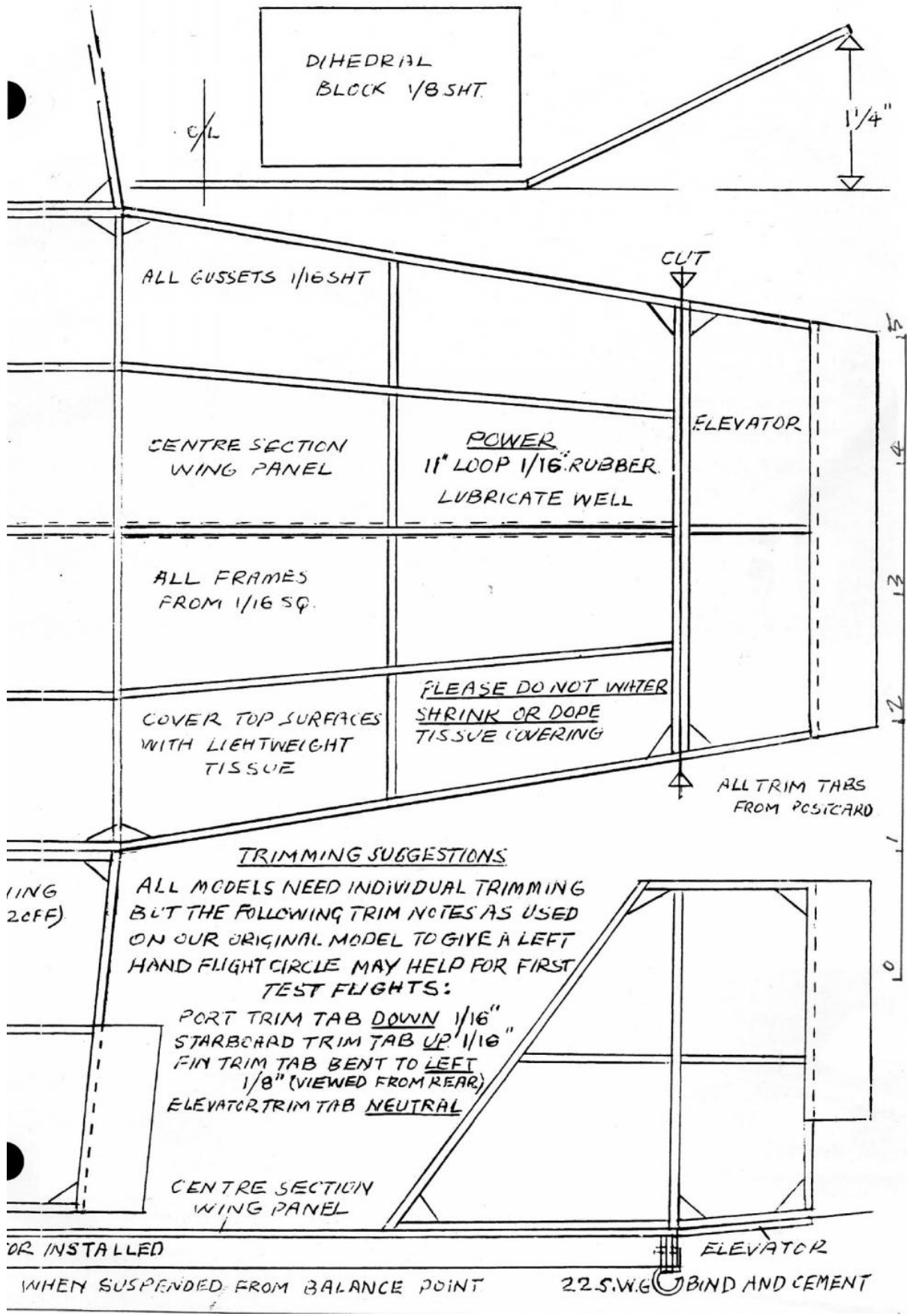
SPACE-ACE

DESIGNED BY RAY MALMSTRÖM

A LIGHT WEIGHT
MODEL FOR
INDOOR FLYING



Here you go you indoor guys. Ok, ok, I know, it is balsa and tissue..... but Brit Ray Malstrom is famous for his kinky models. This one should look neat in the Brookhaven Gym. Print pages and tape for a plan.



DIHEDRAL
BLOCK 1/8 SHT.

1/4"

ALL GUSSETS 1/16 SHT

CUT

CENTRE SECTION
WING PANEL

POWER
11" LOOP 1/16" RUBBER.
LUBRICATE WELL

ELEVATOR

ALL FRAMES
FROM 1/16 SQ.

COVER TOP SURFACES
WITH LIGHTWEIGHT
TISSUE

PLEASE DO NOT WATER
SHRINK OR DOPE
TISSUE COVERING

ALL TRIM TABS
FROM POSTCARD

TRIMMING SUGGESTIONS

ALL MODELS NEED INDIVIDUAL TRIMMING
BUT THE FOLLOWING TRIM NOTES AS USED
ON OUR ORIGINAL MODEL TO GIVE A LEFT
HAND FLIGHT CIRCLE MAY HELP FOR FIRST
TEST FLIGHTS:

- PORT TRIM TAB DOWN 1/16"
- STARBOARD TRIM TAB UP 1/16"
- FIN TRIM TAB BENT TO LEFT 1/8" (VIEWED FROM REAR)
- ELEVATOR TRIM TAB NEUTRAL

CENTRE SECTION
WING PANEL

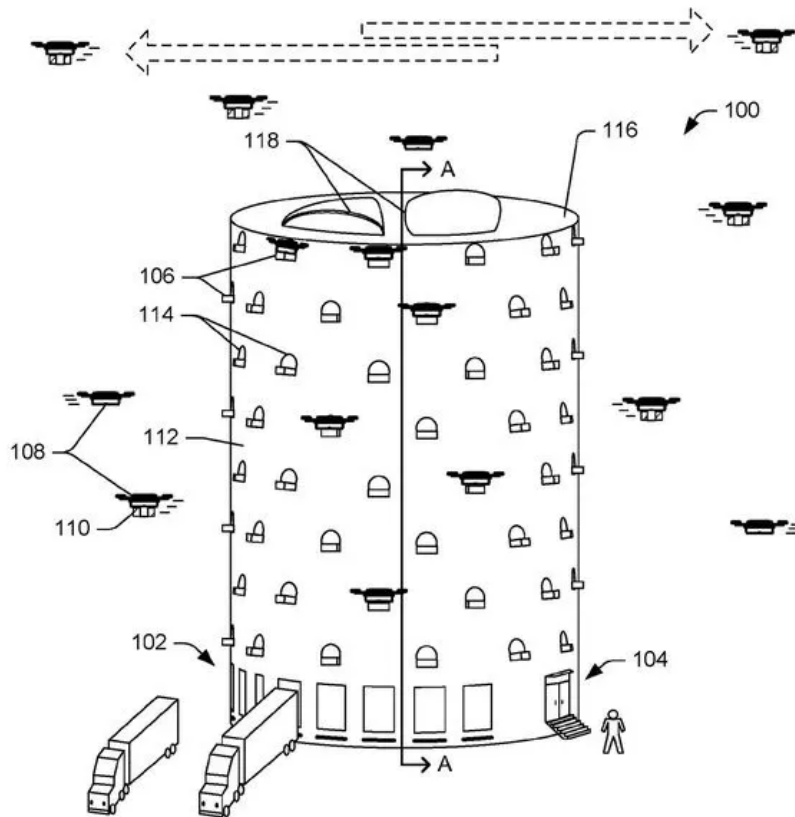
ELEVATOR

OR INSTALLED

WHEN SUSPENDED FROM BALANCE POINT

22 S.W.G. BIND AND CEMENT

Amazon's massive drone delivery hub may be coming to your city
(in the distant future)



Look how happy that tiny stick figure is to be hanging around the terrifying drone hive.
Amazon

Summer officially started last week, so many of you were probably too excited to head out and do sunshine-related activities than to keep up on the week's biggest tech stories. Luckily, we're here to help. Here's a rundown of the most interesting technology happenings.

Drone Home

An Amazon patent revealed possible plans to build [drone distribution centers](#) the size of large office buildings. The hives would live in central parts of cities and send out airborne packages in every direction. Sure, it seems like science fiction and even a little "dystopian," but scary edifices may be the price of progress and getting your Prime orders just a little bit faster.