

# San Diego Scale Staffel Squadron 41

# Newsletter

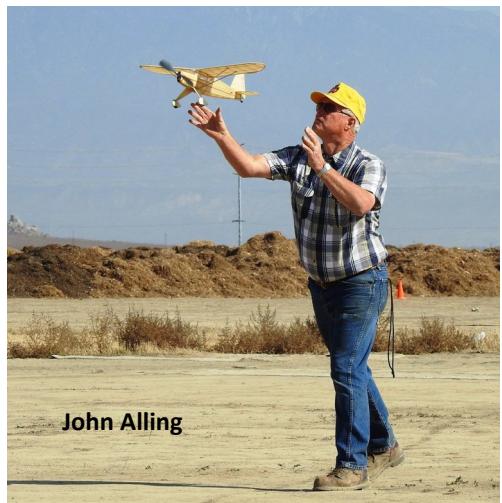
December 2018

November 17 - 18, 2018 Contest by Mike Jester



Photos by Arlene Bartick

Anxious competitors assembled early Saturday morning at Taibi Field, in Perris, California, for the final one of three Scale Staffel outdoor contests held in 2018. The weather cooperated on Saturday and Sunday so long chases were not typical.



With the able direction of CD John Hutchison and excellent score keeping by Kathy McLaughlin the third outdoor Scale Staffel contest of 2018 went off without a hitch. Temperatures were in the high 40's or low 50's when we started official flights at around 8:00 a.m. each day but eventually warmed up into the mid 70's. The winds were very mild on both days, often below 3 mph. A high percentage of flights resulting in short chases. Helpful thermals and flight-killing downers were both common after 10:00 a.m. Thankfully no injuries were reported but John and Kathy were ready with their first aid kit.

Twelve events were flown over the weekend, including four mass launch events - WWI, WWII, Greve/Thompson Race and Spanish Civil War. I did not see any bad crashes. Bob Hodes put in a terrific performance in the hotly contested Old Time Rubber event, flying his Gollywock and winning a Kanone with three maxes. Bob also won a Kanone in the Phantom Flash event and another in the 2 Bit +1 flying his King Harry.



(Continued on next page)

Greve / Thompson  
Race Mass Launch



**Jonathan Nunez**

Jonathan Nunez won the coveted Kanone in the FAC Rubber Scale event flying his WWI SE5a with his highest flight time being 79 seconds. Mike Jester (the author) won Kanones in the Embryo & Golden Age Combined events, flying his Debut and Fairchild 24, respectively.



**Mike Mulligan receiving the Scale Staffel Grand Champion Trophy from President John Hutchison**



**Mike Jester**

Mike Mulligan won the Scale Staffel Grand Champion trophy for 2018. Going into the final 2018 outdoor Scale Staffel contest the competition for the grand championship was close, but Mike's outstanding performance was decisive. He won all four mass launch events that weekend!



**Spanish Civil War Mass Launch Participants**

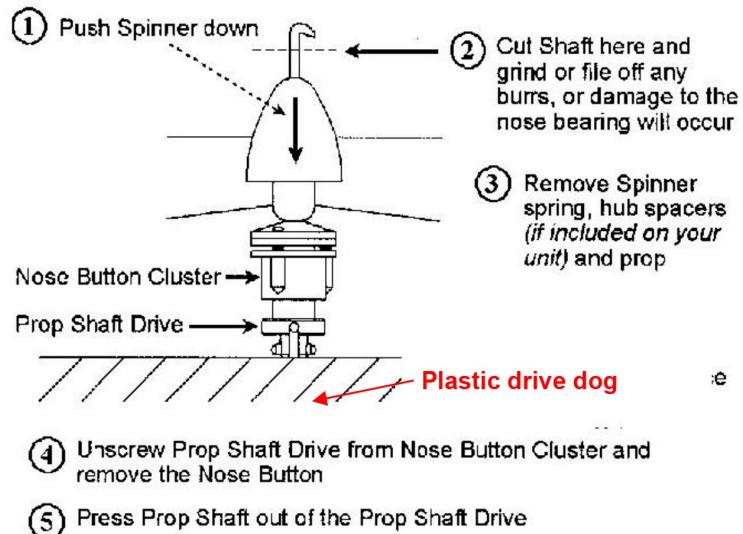
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## Gizmo Geezer conversion for to handling BIG motors

Orv Olm's Gizmo Geezer has legions of satisfied users. In stock form, it can handle up to 8 strands of 1/8 Super Sport with a breaking torque of 20 ounce-inches. One trick that many use to ease the rubber loading procedure is to hang a crocket hook on the rivet of the Gizmo's drive adapter. But don't be fooled into thinking that you can simply load up that crocket with bunches of rubber and go flying. The limiting factor will be the shear strength of the small **plastic drive dogs** on the bottom end of the **prop shaft drive**.

Here Orv Olm's rework produces a really stout Gizmo to handle up to 16 strands of 1/8" rubber:

**Step 1:** Start by debonding the CA in the drive shaft joints at the **spinner** and at the bottom end of the **prop shaft drive**. Then follow the instructions in the top right hand picture.

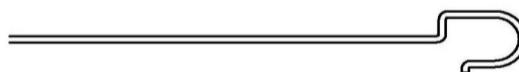


**Step 2:** Here's how to make → SUGGESTED SHAPE OF .055" MUSIC WIRE PROP SHAFT  
Orv Olm's rebuild. Refer to pics at right which show the new drive shaft, 'pop-rivet' adapter and new tension spring made from a steel guitar 'E' string. It will now handle 12-16 strands of 1/8" Super Sport Rubber , and handle up to 56 oz-in. of breaking torque.

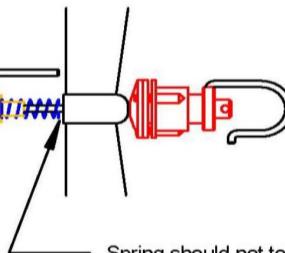
**Modified GizmoGeezer, mounting a 12' prop with an adjustable pitch hub** →



Use a #41 Alum. or steel "Pop" rivet for a shouldered washer. CA in place after Gap has been established. Spring should be loose on rivet.

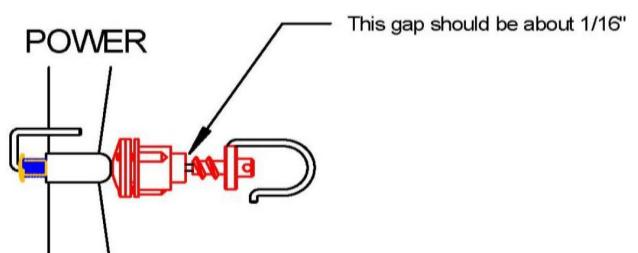


### FREE WHEEL



Spring should not touch prop when in free-wheel

### POWER



This gap should be about 1/16"

### NOTE:

A heavier tension spring must be wound to support the larger motor. Experiment with a .011" or .012" guitar E string wire. Springs may be exchanged by threading them onto the prop shaft after assembly. Spring should be about 1/8" I.D. by 3/8" long with 8 to 9 turns.