



Somerset RC

A Chartered Club of the Academy of Model Aeronautics
est. 1972, AMA 1002

**Dedicated to the Enjoyment and Promotion of
Radio Control Model Airplane Flying**

2022 OFFICERS

- PRESIDENT-**
Domecq Smith
- VICE PRESIDENT-**
Tony Rossi
- TREASURER/SAFETY OFFICER-**
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Tony Rossi
- EDITOR-**
Domecq Smith
domecqsmith@msn.com

CLUB NEWSLETTER www.somersetrc.org JAN-FEB 2022

A "Member Helping Member" Club for ALL AGES!

***Celebrating 50 Years Together as a Club
1972-2022***

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Do you have something for the next issue?

Send it along to the editor's email above!

Next issue this March



Domecq and First Lady Peach

From the President

As many of you know, in this year of 2022 Somerset RC is now 50 years old. Our club was originally chartered with the AMA in 1972 as Somerset Signal Senders and it was only a few years ago that we

changed our name to Somerset RC for tax reasons.

Whether Somerset Signal Senders or Somerset RC, we continue to come together and promote the hobby in our mutually shared participation, interests, and passions within it. That participation is not limited to just flying, either. Members often come down to North Branch just to “smell the castor” as they say—to watch the planes and hear the occasional glow engines and hum of electrics. Our club has members who fly in a variety of areas, so on a typical Saturday when the weather is right one will see everything from trainers to composite pattern planes with everything in between. Our new members are welcomed with flight instruction and guidance from our membership. We also look out for one another on and off the field.

Pandemics. Lockdowns. Changing demographics in the hobby. Through it all, Somerset RC thankfully continues moving forward.

With this issue begins **year four** of bi-monthly publication of the newsletter. We have a shop article by club treasurer **Dave Szabo** on connecting metal rods onto carbon fiber push rods by using a clevis in a most ingenious fashion. We reprint **Rich Blatts’** article on glow engine care that appeared in our very first issue in January 2019. **Stu Goodman** gives us a member profile that spotlights his activity in the hobby throughout his life. Thank you to Stu and everyone who has contributed member profiles in these pages.

Somerset RC welcomes two new members to its executive board: **Tony Rossi** as Vice President and **Jim Barnes** as Member at Large. We thank them for accepting these offices. Somerset RC salutes **Jim Vigani** for years of service as Vice President and **Dave Rollino** as Member at Large in roles in which they brought valuable wisdom and acumen to our club administration.

Please join me this May 21st at North Branch when we will celebrate our 50th year on **Opening Day** together with other area clubs. Our observance of 50 years as a club will kick off with a **50th Year Banquet** at Spain Inn in Piscataway on April 29 (details inside).

Thank you to everyone for your many contributions to Somerset RC.

We are family. We are Somerset RC.

-Domecq Smith



Treasurer's Chest

Getting Connected

by Dave Szabo



There are numerous methods for making wooden pushrods for instances when there are long distances between the servo and the control surface. Traditionally, wooden dowels are often used with threaded rod and clevises attached to the ends of the dowel. Connecting the metal rods to wood is relatively easy and redundant features can be included to provide a secure attachment of the metal rod to the wood.

Today's carbon fiber tubes offer an alternative material that can be substituted for the wooden dowel. Their key advantage is the increased stiffness at a lower weight. A lighter plane with stiff slop-free linkages will only make a plane fly better. However, getting a secure and failsafe attachment between the metal rod and the carbon fiber tube is important. I don't like relying on only the epoxy bond between the carbon fiber and the metal rod. I like to have redundancy. Here is a solution I came up with.

Materials

- 8 mm Carbon fiber tube
- 4-40 x 1 inch Thread Rod
- 4-40 metal clevis
- Epoxy

First, start by marking the position of the clevis pin on the tube when inserted. Drill a 1/16th hole into the tube wall for the clevis pin to engage. It helps to file or grind a flat on the tube so the drill doesn't walk when starting the hole.



I next pushed a plastic plug into the tube to a point just beyond the drilled hole. This will act as a dam and prevent the epoxy from filling the entire tube. I use



a metal rod marked with a Sharpie to gauge how far the plug is inserted. A wad of paper towel can be substituted for the wood or metal plug.

Now insert the clevis into the tube and engage the clevis pin into the hole. Note that it's easier to assemble with clevis pin pushed into the hole from the outside vs. inside. I then wrapped the carbon tube with masking tape to keep and epoxy spillage off the tube. It also helps control any epoxy seepage at the clevis pin hole.

The 4-40 threaded rod is screwed into the clevis so it protrudes into the carbon tube. This captures it in the epoxy and adds to the

stiffness and security of the attachment.



Clamp the tube vertically in a vise and use a wooden coffee stirrer or like to spoon the epoxy into the tube until its filled to the top of the tube.



Do both ends, add the clevises to connect to the servo and control surfaces, and you're done. Here is the final installation.



—Dave Szabo

Somerset RC Presents
**The Somerset RC 50th Year
Banquet!**
Spain Inn in Piscataway

Friday, April 29 at 7PM

as we celebrate 50 years together as a club.

**A delicious menu, cash bar, at least five
premium ARF raffle drawings with other
surprises, and Tony's video from the vault on
the silver screen looking back on highlights
from 2021 await you.**

Only \$40.00 per person!

**Reservations can still be made by sending payment
to our club PayPal account at
somersetradiocontrol@gmail.com or mailing a
check to Dave Szabo 12 Shoshoni Way,
Branchburg, NJ 08876.**

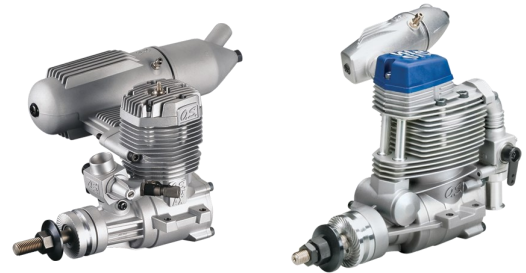
Engine Workshop

How to Take Care of Your Glow Engines

by Rich Blatt



If you own a glow engine, two or four-stroke, and would like it to last longer, I have a couple of suggestions for you:



- Never wrap your engine in a plastic bag. This will allow moisture to remain in the engine which will cause rust on the steel components. Cloth is a much better choice.
- Run engine dry after your flying session.
- Use some type of after-run oil. I use ATF Automatic Transmission Fluid, which keeps the internal parts covered with a film of lubricant.
- Try not to over-lean your engine. This will cause varnish and cause flaking of a plated cylinder.
- If you are running a four-stroke — at the end of the flying season, I would remove the valve covers and lubricate the valve train which consists of the rocker arms, springs, push rods, and valve stems.
- When flying, be sure to use the correct propeller. Too small a prop will cause over-revving. A large prop will put too large of a load causing over-heating.
- For those of you who have a bearing engine, bearings do wear after time. If you choose to make a repair, I would suggest a stainless steel replacement.
- And finally,

HAVE FUN FLYING! KEEP ON FLYING WITH GLOW AND GAS!

-Rich Blatt

Somerset RC Club Expo
at the American Legion
707 Legion Place, Middlesex, NJ
Saturday April 9
Doors opening at 10AM

There will be separate categories for
Military and Civilian for both ARF
(Almost Ready to Fly) and Kit/
Scratch entries.

Each of the these four categories are
eligible for \$50.00 First Prizes and
\$25.00 Second Prizes making for 8
prizes in all.

MYSTERY PLANE CHALLENGE

That's a lot of ribs—wing and stabilizer. And each one is built-up. Joe Nall in 2015 scaled up this original free flight design by 200% resulting in a 20' wingspan. It was the subject of RC media coverage. For a hint, this plane has something in common with the last mystery plane below. Send answers to domecqsmith@msn.com



Screen capture from Facebook Builders Group. Built by Randy Linderman.

CARL GOLD
NEW! SKYLANE 62
 Semi-Scale Beauty In A Great Flying Model!

Follow the great success of our 1/2A SKYLANE, now comes into and improved - with you included - that we produce a big Skylane. It has 62 ribs and features...with highly responsive flying in a large, wide and free from restricted wings everything we've learned about what the R/C Pilot needs has been engineered into it. If you're looking for realistic and smooth flying, Skylane 62 is the one to get!

1/2A SKYLANE
 FOR SINGLE CHANNEL—OPERATION, BRIVO OR PULS

Span 62"
 Length 30"
 Area 540 sq. in.
 Weight 4 1/2 - 5 lbs.

\$21.95

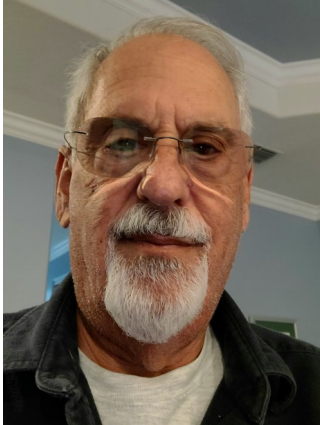
SKYLANE 62 FEATURES:

- See-through cabin, with the not-painted cabin case
- Shaped leading edges and sheeting
- Clearly defined ribs that fit
- Built-in wing section, tapered struts
- Smoothly cast, joint formed nose gear
- Removable fuselage plates, easy to clean
- Removable fuselage plates, easy to clean
- Order on line or get big and famous P.C. Models

Kudos to Ernie Evon and John Samtak for correctly identifying this Carl Goldberg design—the **Skylane 62** available in two sizes: 62" wingspan and a 1/2A edition with 42" wingspan.

Member Profile

Stu Goodman



My interest in flying started when I was very young. My first flight was in 1944 when at the tender age of one I flew from New York's Idlewild Airport (now JFK) to Toronto and continued annually for several more years to see relatives.

As a teenager growing up in Brooklyn, I found the Brooklyn Hobby Shop was just three blocks away, and where I bought my first kit and a Cox .049 engine. The build was a success, but I was never able to get the engine running smoothly, so it never flew. My friends were having a better experience with a larger plane and a .35 sized Fox motor which was beyond my finances. Ultimately, I built a Ringmaster and powered it with a McCoy 35 redhead. Getting to the field at Marine Park proved challenging as the field box and plane had to be carried by bike, but with the help of my brother we managed the two mile trek through the streets. We kept busy learning the basics of control-line flying, plane repair and building with Ambroid glue. I was never great covering the planes with silk span so we appropriated some of my mother's nylons to cover a Super Ringmaster with better success.



As I grew older, my interest in flying waned as my attention turned to other teenage pursuits. I concentrated on getting an education at Brooklyn College and upon graduating in 1965, I



entered The Naval Air Reserve where I trained to be a Parachute Rigger. Yes I had to jump with a chute that I packed.

In 1965, I married Susan and soon after started a family while working in Public Accounting so I could get my CPA certificate. In 1992, I retired as the Chief Financial Officer and general partner in a Wall Street Brokerage firm. I continued with my avocation of taking underwater photos and have traveled all over the world enjoying nature's wonders.

In late 1999, I moved to Boynton Beach, Florida where I heard that one of my neighbors flew radio controlled planes. He gladly took me the local flying field where I witnessed the great changes that the sport had undergone in the years since my childhood.

The next spring, I went to Top Gun which was held locally in Wellington, and purchased an OS .61 glow engine from one of the exhibitors. I found out about Tower Hobbies and ordered an Avistar ARF plane and a Futaba radio with receiver and servos. The build was easy and with help in installing the electronics the plane was finished just before I returned to New Jersey for the summer. In October upon my return I started taking lessons using a buddy box. Eventually I mastered the basics and passed my solo test.

In June of 2001, I found Somerset Signal Senders and joined the club. While I have flown both glow and gas planes, my fleet now consists of all electric planes and drones as I have found them much easier to take care of as I switch residences twice a year. While I greatly enjoy flying I never loved spending hours building from a kit only to see them eventually crash, so all my craft are ARFs.

In the summer of 2015, I had my greatest thrill as my 13 year old granddaughter wanted to learn to fly, so being a loving grandfather I purchased a radio and T-28 trainer for her. Over the course of the summer she progressed to where she could take off and fly the plane with confidence, but still hesitant to land. The year passed and by the next summer her interest changed to Tae Kwan Do. She kept up with that and now holds a second degree black belt.



Currently, I live a house with a one car garage and no basement so my fleet of aircraft has been greatly reduced to smaller aerobatic planes mostly by Flex Innovations. Their maneuverability allows me to perform basic 3D stunts that hones my flying skills. More recently I acquired a DJI Mavic 2 Pro where I am able to combine my passion for photography and flying.

—Stu Goodman



Events Schedule 2022

All events at North Branch Park Flying Field, 355 Milltown Road, Bridgewater, New Jersey 08807, unless otherwise noted.

April Meeting and Club Expo

Saturday April 9 11:00 a.m.

American Legion Post 306

707 Legion Place

Middlesex, NJ 08846

50th Year Banquet at Spain Inn, April 29 at 7PM

Opening Day, Saturday May 21

Big Bird Fly-In, Saturday June 18

E-Fly, Saturday August 6

Larry Gray Warbirds Over North Branch, Saturday August 27

End-of-Season Picnic, Saturday September 24

Turkey Fly, Saturday November 12

please refer to www.somersetrc.org for updates of event dates and information

2022 Area Events Schedule

contributed by
Bob Both

2022 events		Pattern	IMAC	Somerset	Burlington	Millstone RC Flyers	Pine Barrens Modelers	Special
April	2 & 3							
	9 & 10			EXPO (sat)				March 12th (Lebanon)
	16 & 17							March 26th (Hamburg)
	23 & 24		Hagerstown	DINNER 29ND				June 2 - 5 TOC Invite
May	30 & 1						Open House (Sat)	June 4-5 Haverstraw
	7 & 8							June 11-12 Rhinbeck
	14 & 15		State College		Opening Day (Sun)			August 24th AC Show
	21 & 22	Kutztown (Sat)		50th Anniversary				Sept 9-11 Rhinbeck
	28 & 29							Sept 10th (Atoms)
June	4 & 5	Haverstraw	Granite State		Buy & Sell (Saturday)			
	11 & 12	Canandaigua	ESAC (Vienna)			Opening day (Sun)		
	18 & 19		Quebec	Big Birds (Sat)			Fun Fly (Sat)	
	25 & 26	LVRCS	NATS (27th)					
July	2 & 3					Electric (Saturday)		
	9 & 10	Penberton (Sat)			Pattern (Saturday)			
	16 & 17		New Gloucester		Warbirds (Saturday)			
	23 & 24							
	30 & 31	ARCS	Plumb Island			Warbirds (Saturday)	Water Fun Fly (Sat)	
August	6 & 7			Eflight (Sat)				
	13 & 14				EDF (Saturday)			
	20 & 21							
	27 & 28		ESAC (Vienna)	War Birds (Sat)				
September	3 & 4							
	10 & 11	MRCF (Saturday)	Lumns Pond			Pattern (Saturday)		
	17 & 18						Warbirds (Sat)	
	24 & 25			End of Season (Sat)				
October	1 & 2		Hagerstown		End of Season (Sun)			
	8 & 9					End of season (sun)	Flea market (Sat)	
RED		one day						
BLACK		two day						

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F-86 Sabre 15 DF ARF, E-flight—Part 1	Tony Rossi	March 2019
F-86 Sabre 15 DF ARF, E-flight—Part 2	Tony Rossi	May 2019
Motion RC FlightLine P-38L	Ray Garcia	December 202
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P-47 (1976) $\frac{1}{6}$ Standof Scale, Top Flite	Domecq Smith	November 2019
Pica Waco $\frac{1}{6}$ Scale YMF-3 Project	Jeff Randolph	September 2020
Waco Wing Attachment	Jeff Randolph	March 2021

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Field Accessibility Update	Domecq Smith	July 2019
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So <i>This</i> is Pattern	Domecq Smith	September 2020
How to Renew Your Permit Online	Felipe Trucco	May 2019
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My Other Vice (MS Access and club records)	Dave Szabo	March 2019
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Literature

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Member Profiles

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All newsletters are available at www.somersetrc.org



Somerset RC Membership Application

Name: _____ Date: _____

Address: _____

Phone: Home: _____ Cell: _____

AMA Number: _____ Email: _____

To obtain an AMA Membership go to:
<http://www.modelaircraft.org/>
Membership is \$30.00 for adults \$4.00 for
students up to the age of 21

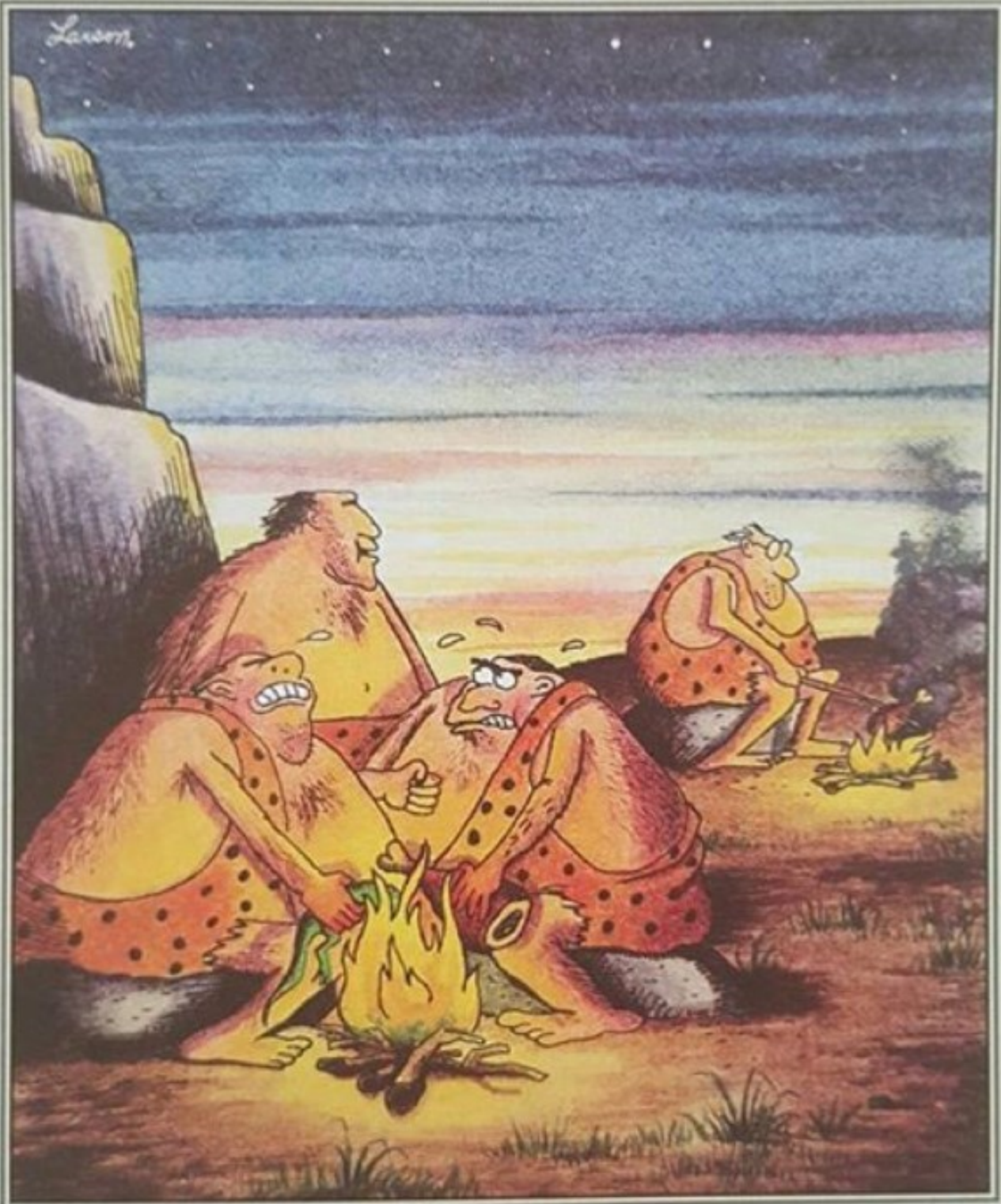
Mail all applications with check to :
Dave Szabo
12 Shoshoni Way
Branchburg NJ 08876
Make check out to "Somerset RC Club"

Paying by PayPal send to:
Somersetradiocontrol@gmail.com
Put your name in the notes and use the":
"send to a friend option.

Meetings are 8:00pm every last Tuesday of the month at:
American Legion Post 306
707 Legion Place
Middlesex, NJ 08846
732-356-9699

For full club information, please visit SomersetRC.org

12/10/01



“Hey! Look what Zog do!”

THE AIRCRAFT MODELER AS SEEN BY...



THE HOBBY SHOP OWNER



HIS NEIGHBORS



HIS COMPETITORS



HIMSELF



HIS WIFE



HIS KIDS

March 1971 American Aircraft Modeler (pp 49)
ARTIST - CHARLES CATRON III

NERVOUS WORLD AWAITS PUTIN'S NEXT MOVE...







“How’s the Psalms’ title-page coming along?”