



THE PLANE TALK

The official monthly Newsletter of Angelo RC Inc

www.angelorc.com

Angelo R/C Inc.
4682 Arden Rd
San Angelo, Texas
76906



Volume 21 Issue 8

August 2026

Upcoming Events:



Angelo RC Club Meeting
Thursday August 6th
Golden Corral 7 PM

Richardson RC Club
Swap Meet and Auction
August 22nd 2026
Richardson TX

Warbirds & Jets
Over The PumpJacks
August 28th & 29th
PB Mac Field - Odessa TX



Bluecor Scratch Built - Gary Jones photo



From the Editor:

Hello members. We have obviously entered the scorcher time of year. For the next month or so, we have choices like fly early, fly at night or stay indoors and build. As usual, the night crawler group continues their weekly flights. As the photos show, their formations are getting tighter and tighter - and their planes are getting more ragged too. Thank you Gary for the coverage and wonderful shots you bring us!

A shout out to our members Jimmy Fogleman for his continued mowing of the field and his work on improving our awning and a big thank you also to Jimmy Gaona for the work you have done on the awning and field sign lighting. Our members have put a lot of personal time in to keep our field looking great. We thank you gentlemen!

Our monthly business meeting will be this Thursday at Golden Corral at 7PM. Come earlier if you want to eat. We hope to see you at the meeting!

Charlie Campbell Editor _____



TEXAS
PARKS &
WILDLIFE

PLEASE
SUPPORT
OUR LOCAL
STATE PARK

Moon Loops

My Ultrix 600 looping
around the Moon

By Gary Jones



<https://www.youtube.com/watch?v=7bdujTYD9ZQ>

Jimmy Fogleman's new EFlite Twin Otter - Gary Jones photo



ARC Inc 2026 Officers

President
Charlie Campbell

Vice President
Mark Greer

Secretary/Treasurer
Scott Bryan

Safety/Field Officer
Gary Jones

Webmaster
Jimmy Gaona

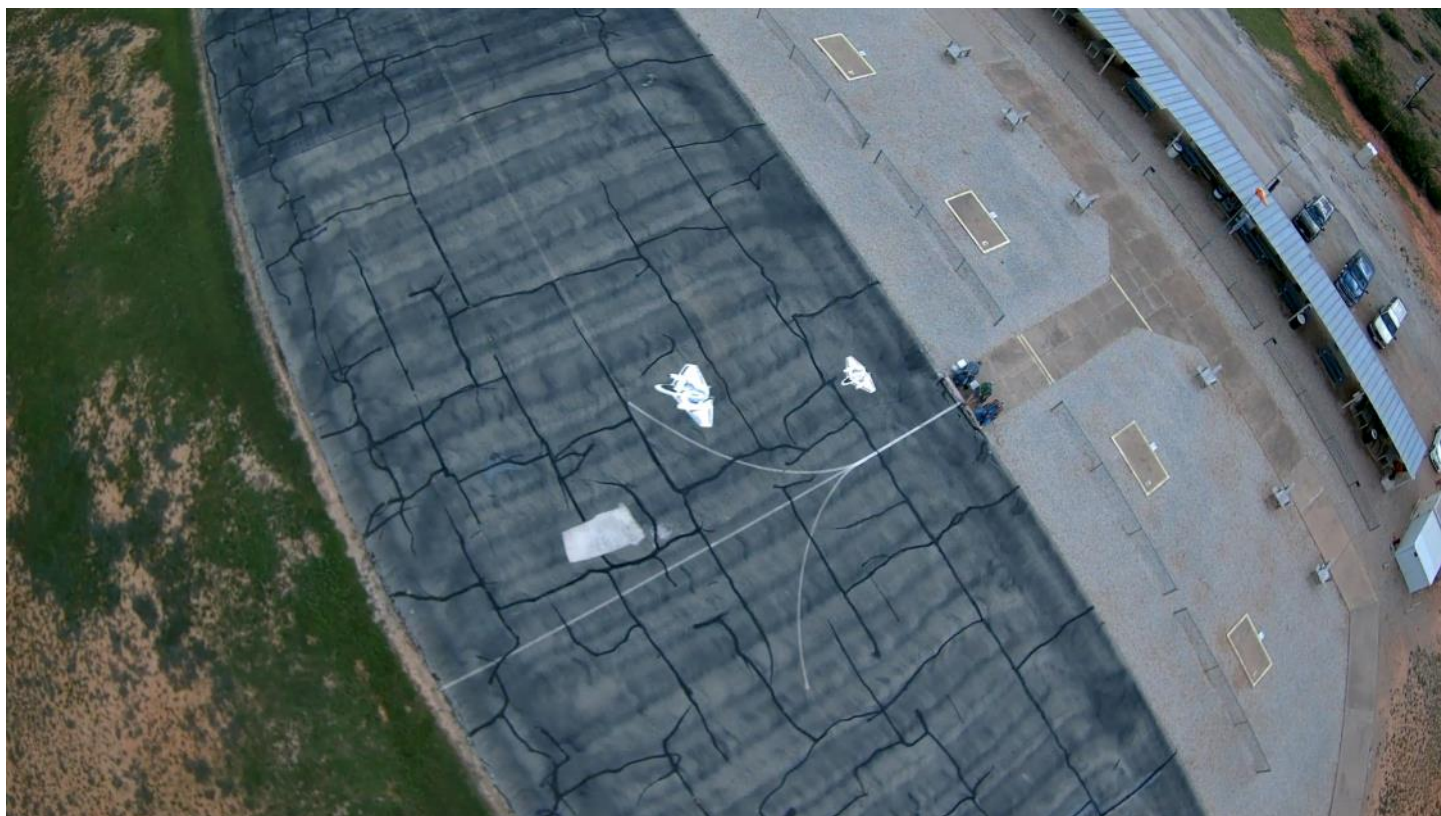
July Flying by Gary Jones



July Flying by Gary Jones



July Flying by Gary Jones



July Flying by Gary Jones



July Flying by Gary Jones



July Flying by Gary Jones



Field Improvements! by Jimmy Gaona

Over the last few months, we have continued to make improvements to the field. Last year we installed new sunshades onto the covered area, but high winds kept breaking the support cables. Thanks to Jim Fogelman for purchasing and installing ground anchors to all the sunshades. Now the sunshades are tight and less prone to tearing from the wind. Secondly, a solar flood light was installed on our entrance sign. This will make it easier to find the gate and identify the field at night. Thanks to Jimmy Gaona for donating and installing the light on the sign!

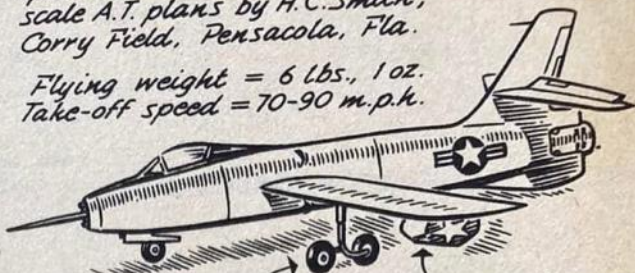


sketchbook

Have you developed something new in construction, control, or flying that might interest other modelers? Send a rough sketch—we'll redraw it and pay \$2 for each one accepted. Due to their large number, we're sorry that we cannot acknowledge or return submissions.

- Republic XF-91 jet model (C.L.) flies spectacularly—developed from small scale A.T. plans by H.C. Smith, Corry Field, Pensacola, Fla.

Flying weight = 6 lbs., 1 oz.
Take-off speed = 70-90 m.p.h.



Tandem main gear

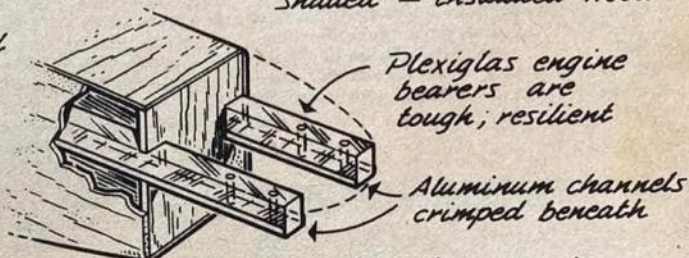
Gear well cover

Fuel tank

Dynajet engine

Filler and air tube (for starting)

Heavy lines = metal tubes
Shaded = insulated wood



Plexiglas engine bearers are tough; resilient

Aluminum channels crimped beneath

- Plastic makes fine mounts reports Patrick Hughes, Drogheda, Ireland

- Simple spool dethermalizer by David Brydon, Jefferson City, Mo.



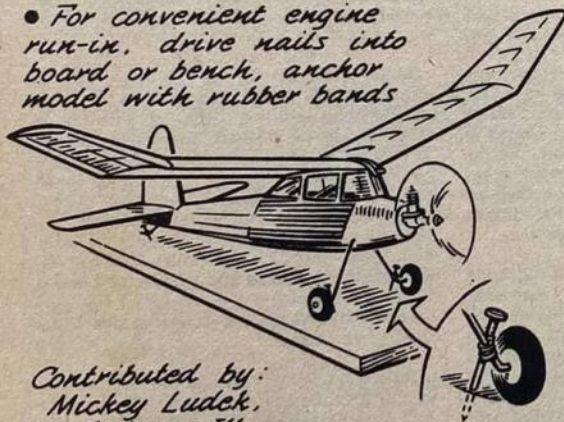
Thread, to wing tip

Metal shield

Fuse

Spool is held against fuselage belly by rubber band & hooks—

- For convenient engine run-in, drive nails into board or bench, anchor model with rubber bands



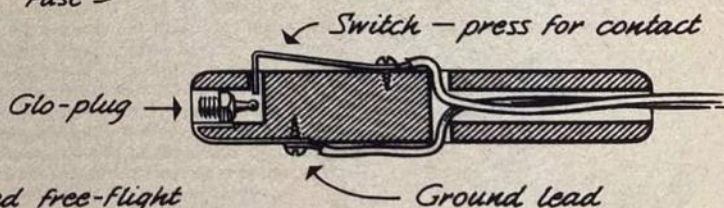
Contributed by:
Mickey Ludek,
Auburn, Ill.

Wooden housing (piece of broom handle)

to 1½ volt battery

Fuse

- Dethermalizer fuse lighter is handy in windy weather—George De La Mater, Overland, Mo.



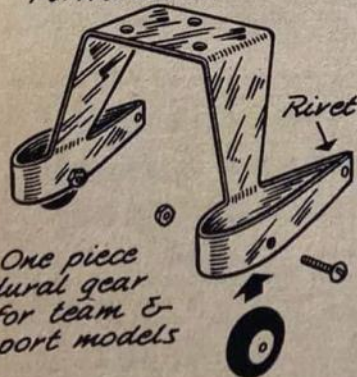
Switch—press for contact

Glo-plug

Ground lead

by C.R. Maris,
Ft. Worth, Tex.

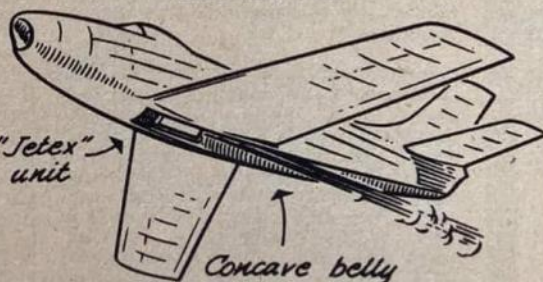
- Jet-powered free-flight scale model by John Walker, Bel Air, Md.



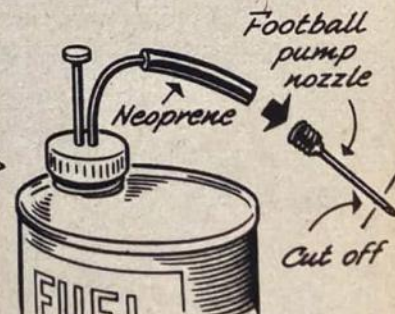
- One piece dural gear for team & sport models

Rivet

"Jetex" unit



Concave belly lined with asbestos



- Handy Filler for Half-A jobs by Ronald Render, Key West, Fla.

AIR TRAILS

Oracover Information *by Charlie Campbell*

Oracover is sold in USA as ultracote and it is what is used on almost all seagull models and legend hobby models with few exceptions. Here is a long list of USA ULTRACOTE CODES/NAME and the corresponding ORACOVER CODE and NAME.

ULTRACOTE CODE NAME ORACOVER CODE NAME

HANU825 fluor. transp. red 21-026 fluor. transp. red
HANU826 fl. tr. yellow 21-035 fluo. transp. yellow
HANU835 Royal mint 28-043 Royal mint
HANU840 pearl white 21-016 pearl white
HANU841 pearl red 21-027 pearl red
HANU842 pearl bright yel. 21-036 pearl yellow
HANU843 pearl dark yellow 21-037 pearl golden yellow
HANU844 pearl green 21-047 pearl green
HANU845 pearl blue 21-057 pearl blue
HANU846 pearl charcoal 21-077 pearl charcoal
HANU847 pearl purple 21-056 pearl purple
HANU866 true red 21-023 ferrari red
HANU867 deep pink 21-024 pink
HANU868 smoke purple 21-054 violet
HANU869 smoke lavender 21-055 purple
HANU870 white 21-010 white
HANU871 deep red 21-020 red
HANU872 bright yellow 21-033 cadm. yellow
HANU873 deep blue 21-050 blue
HANU874 black 21-071 black
HANU875 sky blue 21-053 sky blue
HANU876 cocoa 21-081 brown
HANU877 orange 21-060 orange
HANU878 cream 21-012 cream
HANU879 gold 21-092 gold
HANU880 green 21-040 green
HANU881 silver 21-091 silver
HANU882 light gray 21-011 light grey
HANU883 flame red 21-022 bright red
HANU884 cub yellow 21-030 cub yellow
HANU885 midnight blue 21-052 dark blue
HANU886 chrome 21-090 chrome
HANU887 transparent 21-000 transparent
HANU888 lime green 21-042 light green
HANU889 dark yellow 21-032 golden yellow
HANU890 fluor. red 21-021 fluor. red
HANU891 safety yellow 21-031 fluor. yellow
HANU892 sasfety orange 21-064 fluor. orange
HANU893 fluor. lime 21-041 fluor. green
HANU894 fluor. pink 21-025 fluor. pink
HANU895 fluor. orange 21-065 fluor. signal orange
HANU896 fluor. blue 21-051 fluor. blue
HANU897 fluor. power pink 21-028 fluor. power pink
HANU898 turquoise 21-017 turquoise
HANU899 fluor. violet 21-015 fluor. violet
HANU900 fluor. magenta 21-013 fluor. magenta

ULTRACOTE CODE NAME ORACOVER CODE NAME

HANU901 fluor. neon pink 21-014 fluor. neon pink
HANU903 apple green 21-043 May green
HANU904 olive drab 21-018 olive drab
HANU905 corsair blue 21-019 corsair blue
HANU910 carbon fibre 421-071 carbon
HANU911 carbon kevlar 421-036 kevlar
HANU950 transparent red 21-029 transparent red
HANU951 transp. orange 21-069 transp. orange
HANU952 transp. yellow 21-039 transp. yellow
HANU953 transp. green 21-075 transp. green
HANU954 transp. blue 21-059 transp. blue
HANU955 transp. violet 21-074 tr. violet(blue-purple)
HANU964 LITE transp. clear 31-000 light, transp.
HANU965 LITE transp. white 31-010 light transp. white
HANU966 LITE transp. red 31-029 light transp. red
HANU967 LITE transp. yellow 31-039 light transp. yellow
HANU968 LITE transp. purple 31-058 light transp. purple
HANU969 LITE transp. blue 31-059 light transp. blue
HANU970 MAGIC violet 521-101 Magic fantasy violet
HANU971 MAGIC red-gold 521-102 Magic red-gold
HANU972 MAGIC blue-violet 521-103 Magic cyano-violet
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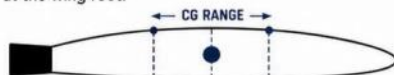
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RC AIRPLANE QUICK REFERENCE



CENTER OF GRAVITY (CG)

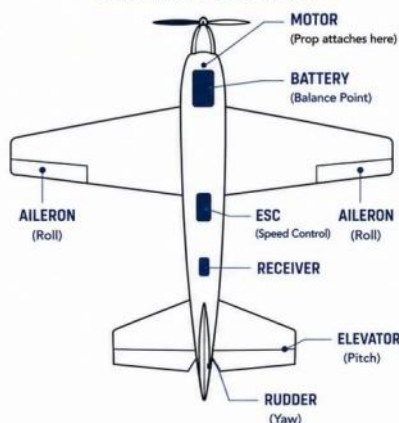
Measure from leading edge at the wing root.



WING CHORD (ROOT)	CG RANGE (BACK FROM LEADING EDGE)
4" (102mm)	1.0" – 1.3" (25% – 33%)
5" (127mm)	1.25" – 1.65" (25% – 33%)
6" (152mm)	1.5" – 2.0" (25% – 33%)
7" (178mm)	1.75" – 2.3" (25% – 33%)
8" (203mm)	2.0" – 2.7" (25% – 33%)
9" (229mm)	2.25" – 3.0" (25% – 33%)
10" (254mm)	2.5" – 3.3" (25% – 33%)

Start at the middle of the range.
Adjust for your aircraft and flying style.

AIRPLANE ANATOMY



BATTERY (LiPo)

4.20V	Full Charge
3.85V	Storage Voltage
3.70V	Nominal Voltage
3.50V	Minimum (Land Soon)
3.30V	Damage Risk



ESC & MOTOR GUIDE

ESC size is based on motor size, prop, and type of flying.
Always oversize your ESC for reliability and cooler operation.

MOTOR SIZE (OUTER DIAMETER)	TYPICAL USE	RECOMMENDED ESC
22XX (22mm)	Park flyers, small trainers	15 – 25A
28XX (28mm)	Trainers, sport planes	30 – 40A
35XX (35mm)	Sport, 3D, aerobatic	50 – 60A
42XX (42mm)	3D, large sport, scale	80 – 100A
50XX and up	Large scale, high power	100A+

ESC Continuous Rating $\geq$ Max Motor Current
Example: If motor max current is 40A, use 50 – 60A ESC.



CONTROL SURFACE DIRECTION (VIEWED FROM BEHIND)

Ailerons:	Right up, Left down
Elevator:	Pull up
Rudder:	Right = Right
Throttle:	Up = More Power



MAX RECOMMENDED CONTROL THROW

Aileron:	15° – 20°
Elevator:	15° – 20°
Rudder:	20° – 30°
Flaps:	20° – 40°

Use less for maiden flights.



EXPO GUIDE

Low Rates: 10% – 20% Expo
High Rates: 20% – 40% Expo
Adds smoothness around center while keeping full control at the extremes.



MOTOR TEMPERATURE

Keep motor under 140°F (60°C).
Warm is normal.
Too hot = back off throttle or improve cooling.



USEFUL NUMBERS

1 ft	= 12 in (304.8 mm)
1 in	= 25.4 mm
1 oz	= 28.35 g
1 lb	= 453.6 g
1 mph	= 1.609 km/h
1 km/h	= 0.621 mph



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<https://www.ericrobbrc.com/>

PB MAC PRESENTS

WARBIRDS & JETS OVER THE PUMP JACKS

****FRIDAY, AUGUST 27th,**
****DATES: AUGUST 28th & 29th, 2026****
****ALL RADIO CONTROL AIRPLANES ARE ALLOWED****

LOCATION: ODESSA, TEXAS
Host: PB MAC - Permian Basin Model Aircraft Club
PB MAC FIELD - ODESSA, TX



EVENT HIGHLIGHTS: LANDING FEE: \$30
FREE ADMISSION FOR SPECTATORS
PILOTS LUNCH PROVIDED (SATURDAY ONLY)

SATURDAY 6:00 AM - 6:00 PM
SUNDAY 9 AM - 3 PM

CONTACT INFO: Aaron Gnade at 432-269-1275

2026

RICHARDSON RC CLUB SWAP MEET AND AUCTION

★ AUGUST 22, 2026 ★

SWAP MEET 8:00 AM - 12:00 PM
AUCTION BEGINS AT 11:00 AM

★ WWW.RRCC.ORG ★



★ ★ ★
TABLES \$25
HANGAR SPOT \$10
ADMISSION \$5
★ ★ ★

★ LOCATION: ★

FIRST BAPTIST CHURCH (GYMNASIUM)
1001 NORTH CENTRAL EXPRESSWAY (US-75)
RICHARDSON, TX 75080

★ EVENT HIGHLIGHTS: ★

- ★ 120 TABLES (6' X 2.5')
- ★ 50 LARGE AIRPLANE HANGAR SPOTS
- ★ PLANES, HELIS, CARS, BOATS,
ELECTRONICS, ACCESSORIES, TOOLS, ETC.

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