



Fort Worth Thunderbirds Radio Control Association Inc. **The Pilot's Log**



Issue, 6005 May 2022

Next club meeting: May 23rd, 7 PM, Location Thunderbird Field

Presidents Corner: by *James Meadows*

Can you believe that we are preparing to enter the sixth month of the Year it seems that 2022 is in a hurry. May has been the month of happening starting out with a very successful 'Warbird over Benbrook' event with great weather, and 41 plus pilots participating. Thanks to the event director ED, Ed Kettler, for putting on an outstanding event. Of course he had a supporting cast of Tab and Wayne, who served up a great meal for pilots and guests. Thanks all. This past weekend, the Thunderbirds hosted a SPA event, with about 15 pilots in attendance. Thanks to Ken Knotts for CD duties, and to Chris and Tab for being the men behind the spatula, once again providing some good food. This week the club hosts the SAE event. Expect the field to have lots of activity with setup of giant tents and other areas. If you haven't committed to helping out with this event and you can help we could use the assistance.

Have you noticed the temperatures are up! So please hydrate, hydrate, hydrate and then hydrate some more. Also remember that concrete, metal and plastic surfaces can become extremely hot to bare skin. Sun screen is a must have accessory in your flight box.

Our next club meeting will be at the Field. So come out early if you can, get a flight or so in and then will settle in for a membership meeting at 1900hr (7PM). Promises to be a good time.

Hope to see you soon

James

Vice Presidents Corner: by *Rob Lowe*

Hello Thunderbirds! It has gotten hot early here in Texas but that just means it's time to go fly!

As you read this, we are in the final stages of hosting the SAE Design and Fly competition. This is our largest event of the year and one where we need everyone to help out.

All Hands On Deck!

If you are not already signed up to help, we need you to contact Sam Corlett ASAP. See other articles here in the newsletter for more info!

We've also had a number of events at the field recently as we slide back into full swing for spring/summer. Thanks to Ed Kettler for hosting/ED the warbird event and to Ken Knotts for hosting/CD for the SPA event. Great job to all who helped out as well!

Lastly, meetings are moving back to the field for the summer months. If there is a topic or speaker you'd like to hear from/about, please let me know. The field meetings offer unique opportunities that our indoor meetings can't provide. Let me know!

I'm looking forward to seeing each of you as a Volunteer at SAE!
Here's my "virtual" "Low Pass Salute to you Thunderbirds! See ya at the field!"

Rob

Secretaries Corner: by Mike Schroeder

April Meeting Minutes April 25, 2022

Meeting starts at 7:00 pm

Welcome by Rob Lowe as James is unable to attend tonight's meeting.

Guest attending was Ian Waring's daughter and Sam Wild. Sam will be helping Robin at the SAE event. Also attending his first meeting was Jacob Reass. Welcome to all.

Dave Dingman:

Ken Knotts talked about Dave Dingman's memorial service. Dave gave a lot of his time to the club. Dave's wife has joked that Dave loved his planes more than anything else.

Officers Reports

Treasurers Report by Chris Berardi: Membership is still increasing. Checking and savings account are in good standing. Fuel sale last month made a little money and allowed us to donate fuel to the Warbird event and fuel to the Thursday training instructors. The club bought a software update for the website to allow us to have a few more editors. We also bought new cooking tools. The clubs taxes have been file for 2021.

Safety Report by Sam Corlett: Sam told the story of a recent crash where there was a mid air collision. The planes had both turned onto the upwind leg and the second plane over took the first plane. Sam was with a student pilot and Grant was with a new pilot. Both Sam and Grant were unable to react fast enough to avoid the crash. As it is hard to tell when two planes are on the same line if the second plane speed is gaining on the first plane.

Secretary Report by Mike Schroeder: Motion by Ken Knotts to not read the minutes, second by Phil. Show of hands the motion passes.

Old Business

Lease: The lease is done and paid for. We now have a twenty year lease.

SAE: A reminder that if you have not signed up to help out at SAE to please do so as it is all hands on deck. There is something for everyone to do and help out your club.

New Business

The board recommends the purchase two extra flag poles to fly the Texas flag and a Thunderbird flag. The poles are to match the American flag pole. A motion was made by Ken Knotts to approve the recommendation of two flag poles and order three flags one being a custom Thunderbird flag and install for \$5311.17. Second by Ed Kettler. Discussion about the poles and flags. A show of hands and the motion passes. None opposed.

Show and Tell

Phil Dunlap showed a pop up rotor drone the size of his hand. JRC Drone which has a camera on board and is an indoor drone. Interesting how the prop folds up into the rotors and folds down into the body. About the size of a deck of cards.

Woody Lake

Woody went into details of his SE-5 bi-plane and how he designed and made the 'little extras' on his model. Talked about certain things he did to hand make the guns, windshield, fabric stitching,, and gunsight. An interesting item was the pilot has a string attached to his bottom in case the pilot ejects he will stay with the airplane and not have to be hunted down. The issues you have with an open cockpit. All the decals are hand painted.



New Events

Warbirds Over Benbrook Lake on May 7 hosted by Ed Kettler.

SPA at Texas Wings.

Float Fly this summer, more details to come.

Dave Williams has two flight boxes for free if anyone is in need of one.

SAE: Tom gave a quick review of the work schedule and check on the 'to do' list. Lockheed Martin is sponsor and there will be a few others. Our club always receives the highest rating for hosting this event every time.

Auction

Reed donated several planes that were auction off. Rob helped get Reed started and once Reed got the hang of bidding he became a natural and was quick to push the bidding up and smack the table and shoot out "Sold". Thanks Reed.

Rob wrapped up and the meeting ended at 8:12

Members in attendance

Woody Lake
Sam Corlett
Robin Blakeney
Mark Johnson
Ashton Shaw
Pete Devlin
Guest Sam Wild

Mike Schroeder
Ken Knotts
Tom Blakeney
Gary Shindler
Ed Kettler
Jacob Reass

Chris Berardi
Ian Waring
Brian Lowe
Chester Shaw
Phil Dunlap
Geoff Lowe

Kenneth Killgore
Mel Wells
Reed Smith
Tina Shaw
Dave Williams
Rob Lowe

From the Treasury: *by Chris Berardi*

Membership Update

Here is our latest membership count as of 04/18/2022.

Membership Type	Count
Individual	143
Family	7
Associate	10
Life	13
Service & Gift	1
TOTAL	174

That's about it for this month. I hope to see you at the club meeting and at the field.

Safety Officer submission: *by Sam Corlett*

Howdy! We're in full swing for our SAE event, May 20-22nd! Thanks to everyone who helped!

LiPo reminder: If you happen to charge a lipo and leave it fully charged for several weeks, it's probably done for. This is the primary cause of packs gassing and puffing. Of course abuse by charging to higher voltages than recommended or pulling extremely heavy current, or an inadvertent short while plugging in or charging will also shorten the life of packs (maybe dramatically!)

While lipo's have a safe track record, they are inherently volatile! The risk of thermal runaway and fire is always present. Use safety precautions when charging and discharging.



Warbird Fly-In

The 25th running of Warbirds Over Lake Benbrook was a huge success with 41 pilots registered, plus many club members and visitors filling the pavilion. Robin Blakeney and Mercy Kettler took care of registration

and the raffle, while Wayne, Tab and the cooking team made sure everybody was well fed and happy all day long. Thanks to everybody who helped support the event and making it safe, including El Presidente James

Meadows and our newsletter editor and resident photographer Woody Lake.

We planned for the normal startup to wait for Mr. Sun to not be a factor, but a layer of overcast got flying off to an early start after the pilot meeting. The ramp was full of great airplanes of all eras, from World War I opponents flying together, lots of rip roaring WW2 fight planes flown by the Texas Warbird Thunder team and many others, on into the modern era with several EDF jets. Cooler than forecast weather kept the pilot boxes full all morning, and it wasn't until after lunch that the overcast burnt off and the temperature climbed up.

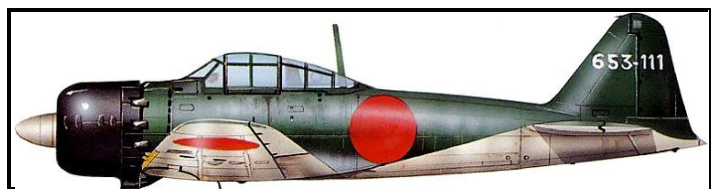
The raffle had several large donated prizes, including a new foamy Spitfire, and recently upgraded Hawker Hurricane from Woody Lake and Mel Wells, a Pilatus trainer in Austrian colors, a profile P-51 and lots of smaller goodies. The grand prize was a Seagull Models 90" Stuka from Legend Hobby, who also provided

other prizes. The big winner was Thunderbird member Gary Schindler.



Thanks to all of the pilots, members, families and friends who came out to make this a great 25th anniversary event!

Ed





Richard Byrd Memorial Aerobatic Contest





Greater Southwest Bi-Plane Fly-In

Bi-Plane heaven. In 2014 the Greater South West (GSW) RC Club hosted a Bi-Plane Fly-In. Attached are some photos of the aircraft in attendance. The GSW RC Club celebrates its 50th anniversary this year. Congratulations on a successful history with many more to come.





2022 CALENDAR

<u>DATE</u>	<u>EVENT</u>	<u>POINT OF CONTACT</u>
July 4 th	Club Picnic Independence Day	Club Officers
August 6th	Float Fly	Mel Wells
October 1st	Jet Fly-In	Tom Blakeney
October 29th	Texas Electric Fly-In	Tom Blakeney
	Alliance Air Show	
	SPA West (Waco)	Todd Blose
	Toys for TOTS	Club Officers
December TBD	Club Christmas Party	Club Officers

WWW.FWTHUNDERBIRDS.ORG

POSITION	BOARD MEMBER	EMAIL
President	James Meadows	president@fwthunderbirds.org
Vice President	Rob Lowe	vicepresident@fwthunderbirds.org
Secretary	Mike Schroeder	secretary@fwthunderbirds.org
Treasurer	Chris Berardi	treasurer@fwthunderbirds.org
Safety Officer	Sam Corlett	safetyofficer@fwthunderbirds.org



Pres: James Meadows



VP: Rob Lowe



Sec: Mike Schroeder



Safety: Sam Corlett



Treas: Chris Berardi

SUPPORT OUR ADVERTIZERS



JT's Hobby Shop 817 244-6171
8808 Camp Bowie Blvd. Fort Worth TX 76116
itshobby@yahoo.com
Flying Field Rules

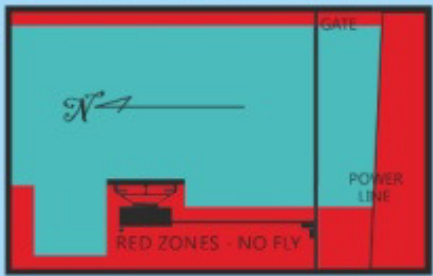


CURRENT AMA CARDS ONLY. NO OTHER CARD IS ACCEPTABLE.

THIS FIELD IS LEASED BY, MAINTAINED BY, AND ITS CONSTRUCTION FUNDING WAS SECURED BY
THE FORT WORTH THUNDERBIRDS RADIO CONTROL ASSOCIATION
 ALL AMA, CORPS OF ENGINEERS AND THE FOLLOWING RULES APPLY TO EVERYONE FLYING HERE.



1. Neither the Thunderbirds nor the Corps of Engineers is responsible for accident or injury.
2. Place your AMA card in the proper slot above before turning transmitter on.
3. All engines must have effective mufflers.
5. Fly from the station nearest the downwind end of the runway. In case of a crosswind the first pilot to fly will select the station.
6. Aircraft must follow the takeoff and landing pattern in effect.
7. Landing aircraft have the right-of-way over aircraft taking off.
8. Running aircraft shall not be left unattended.
9. No more than 5 pilots shall fly in each designated zone at one time.
10. LMA rules are posted in the bulletin board



**Academy of Model Aeronautics
 National Model Aircraft Safety Code**

Effective January 1, 2018

A model aircraft is a non-human-carrying device capable of sustained flight within visual line of sight of the pilot or spotter(s). It may not exceed limitations of this code and is intended exclusively for sport, recreation, education and/or competition. All model flights must be conducted in accordance with this safety code and related AMA guidelines, any additional rules specific to the flying site, as well as all applicable laws and regulations.

As an AMA member I agree:

- I will not fly a model aircraft in a careless or reckless manner.
- I will not interfere with and will yield the right of way to all human-carrying aircraft using AMA's *See and Avoid Guidance* and a spotter when appropriate.
- I will not operate any model aircraft while I am under the influence of alcohol or any drug that could adversely affect my ability to safely control the model.
- I will avoid flying directly over unprotected people, moving vehicles, and occupied structures.
- I will fly Free Flight (FF) and Control Line (CL) models in compliance with AMA's safety programming.
- I will maintain visual contact of an RC model aircraft without enhancement other than corrective lenses prescribed to me. When using an advanced flight system, such as an autopilot, or flying First-Person View (FPV), I will comply with AMA's Advanced Flight System programming.
- I will only fly models weighing more than 55 pounds, including fuel, if certified through AMA's Large Model Airplane Program.
- I will only fly a turbine-powered model aircraft in compliance with AMA's Gas Turbine Program.
- I will not fly a powered model outdoors closer than 25 feet to any individual, except for myself or my helper(s) located at the flightline, unless I am taking off and landing, or as otherwise provided in AMA's *Competition Regulation*.
- I will use an established safety line to separate all model aircraft operations from spectators and bystanders.

For a complete copy of AMA's Safety Handbook please visit:
www.modelaircraft.org/files/100.pdf

FW THUNDERBIRDS
2022 PROJECT LIST
4/17/2022 11:20 PM

Project #	Proposed Project	Summary of Project	TYPE	EXPENSE	POC	Status	Notes
1	Helicopter Pit Area	Pit area for Heli Area	self	20,000	Mike/SAM	Getting actual cost plans	Approved by CORP
2	Update Freq Board	Update signage a use or Freq. board	self	\$100.00	BOARD	AWAITING ACTION	Waiting on word from AMA on Digital Wallet cards etc
3	Visitor Parking Signage Stations	Post club events and other data	self	\$100.00	Mike	COMPLETED	COMPLETED
4	Flag Poles	2nd and 3rd Flag Pole	s	\$5,312.00	Rob/Mike	Discussion	Cost \$2,359 each post \$4718.00 Custom Tbird flag. \$5312. for set and flag
5	Additional Storage AREA	Utilize Cargo container	self/contract	\$20,000.00	Chris	Hold	Would it require Lease mod?
6	Toilet	Real Toilet	Contract	?		Further Study	require Corp approval
7	Pit Area Lighting	Lights in Additional Pit Areas	Self	\$200.00	Mike and Ken	COMPLETED	COMPLETED
8	Weather Station	complete with camera and Data port	Self	\$	Chris/Mike	Discussion	Allow member or guest to see and look at actual Field conditions
9							
10							

Humor



Two critical elements to remember for a successful landing:

- 1. Landing Gear should remain attached to the airframe.**
- 2. Aircraft should remain upright, “Dirty side down”.**

Additional Warbird Photos

The following photos were provided by Ron Shue:



Additional SPA Photos



EVENTS

SAE



3RD PLACE - UNIVERSITY OF PUERTO RICO



FIRST PLACE
UNIVERSIDADE FEDERAL DE SANTA CATERINA



NASA SYSTEMS ENGINEERING AWARD
UNIVERSITY OF MANITOBA



3RD PLACE
CENTRO FEDERAL DE EDUCACAO TECNOLÓGICA



2ND PLACE - UNIVERSITY OF VIRGINIA



1ST PLACE
UNIVERSIDADE FEDERAL DE MINAS GERAIS



Team Huntsville



Team Pakistan (Honorable Mention)