



AMA Charter 1648 Oklahoma City, OK IMAA Chapter 544

Club Web Site: <http://www.torks.org>

President	Vice President	Secretary	Treasurer	Safety Officer
John (JW) Canfield	Mark Grennan	John Graham	George Burton	Ken Kehlet
AMA 708466	AMA 953575	AMA 892422	AMA 906418	AMA 1528
(405) 420-2609	(405) 343-9332	(405) 942-4941	(405) 202-3409	(405) 721-2782

TORKS Club meetings: The first Tuesday of each month at the Will Rogers Garden Center on the corner of NW 36th and the Lake Hefner Parkway overpass. Meeting time: 7:30pm to 9:00pm.

TORKS TALK

The Oklahoma Radio Kontrol Society Official Newsletter

October 2012

ANNOUNCEMENTS

The October TORKS meeting was held Tuesday, October 2, 2012, 7:30 PM to 9 PM at the Will Rogers Garden Center, NW 36th and Lake Hefner Parkway overpass.

The November TORKS meeting is scheduled for Tuesday, November 6, 2012, 7:30 PM to 9 PM at the Will Rogers Garden Center, NW 36th and Hefner Parkway overpass.

PLEASE NOTE:

At the October TORKS meeting a motion was made and seconded that elected officers of TORKS will have their TORKS membership dues waived during their term(s) in office. Waiving of officers' dues would start in 2013. Open discussion of this issue will be held at the November TORKS meeting. Vote on this proposal will be held at the December meeting.

Officer Nominations for 2013

At the October meeting officers were nominated for three positions:

- For President -- Mark Grennan
- For Treasurer -- George Burton
- For Secretary -- John Graham

Each of the above has agreed to serve.

There were no nominations for Vice President or Safety Officer.

Remember: Annual renewal of TORKS membership requires that each member has previously renewed his or her AMA membership for 2013.

Models of the Month: Several months have passed since I reported on Model of the Month winners. Below left is Dick Stimson, proud owner of this unusual twin rotor flying machine he built from a kit. Dick tells us that this twin heli model flies quite well even in some wind.



The airplane in the right-side photo did not win Model of the Month but is interesting enough to warrant a photo and description. This RTF plastic Corsair model from Banana Hobby is highly detailed down to the rivets. It has electric retracts, remote-controlled folding wings and other special features. On the left of the photo is Brian Jensen and to the right is Dick Stimson demonstrating the electric folding wings. Mark Grennan looks on from the table end. We were told that nearly every electronic and control component on the plane was replaced due to serious reliability concerns over the quality of the stock components.



In the photo to the left is the Tri-wing aircraft which won Model of the Month in August for builder/pilot Rick Hunter. This Fokker DR-1 model required many hours to build such that construction required a year of work. Notice the skid-like devices under the lower wing. Apparently these airplanes have some ground handling issues which result in damaged wingtips. The skids are referred to as "axe handles" and prevent lower

wing damage during ground maneuvers. I believe that is Mike Finnigan who is inspecting the axe handles.

To the right is Rick Hunter shown at the field with this Fokker DR-1.



Work Day And Burger Burn Event

Appreciation goes out to Mark and Linda Grennan for their work getting the food and setting up the successful Burger Burn on October 20. Also, thanks to Mark and Linda and all the helpers who mowed, cleaned, weeded, painted and helped winterize the field maintenance equipment.

TORKS CHRISTMAS DINNER/PARTY

TORKS Annual Year End Dinner
For Members and their Guests.

Friday December 14th
from 6:15 till about 8:30 PM

***NOTE-* GOLDEN CORRAL BUFFET**

5702 NW Northwest Expressway Warr Acres, OK 73132

You PAY for your dinner as you enter the Restaurant, find a spot where you want to sit in the Room that is Reserved for TORKS Get your food and enjoy the evening.

Lots of ***FREE Door Prizes,*** Nice stuff for the Ladies, Junk for the Guys.

Enough "STUFF" For Everybody

**ALSO, DRAWING TICKETS WILL BE SOLD FOR \$1.00 EACH
For a Chance to WIN PRIZES**

Low-Wing Aerobatic Trainer 40 - 65" Wing ARF

FIVE (5) MIKES MODELS \$25.00 GIFT CERTIFICATES

KEN & CHRIS KEHLET WILL BE YOUR HOSTS. (19 TH YEAR)

Questions ? Call Ken or Chris (405) 721-2782 or e Mail kbcopy@cox.net

Electric Propeller Test

During a rough landing I damaged the propeller on my E-flite



Apprentice 15e. The Apprentice's stock propeller is an E-flite 11x8 (EFLP11080E). I ordered several Apprentice propellers but out of curiosity I ordered three similar propellers from three other brands and tested each on the Apprentice for possible over-amping of the stock electronic speed control (ESC) and 15e motor. The test subjects are shown in the photo. From left to right the propellers are E-flite 11x8 electric, APC 11x8 electric, Master Airscrew 11X7electric, and Great

Planes 11x8.5 electric. These were the closest matches I could find within each brand. Each was balanced and then installed on the Apprentice. It's important to note that except for the E-flite propeller, each propeller hub had to be drilled out so it would fit onto the beefy Apprentice motor shaft. And because the APC, Master Airscrew, and Great Planes propeller hubs are thinner from back to front than the E-flite, one or more washers were added so the propeller nut would secure them to the motor shaft.

I operated the 15e motor at full throttle with each prop and recorded amperage readings with an E-flite Watts meter. Below are the results.

<u>Propeller</u>	<u>Amperage at Full Throttle</u>	<u>RPM</u>	<u>Price Each*</u>
E-flite 11x8 electric	22.5	7600	\$5.99
APC 11x8 electric	23.6	7640	2.69
Master Airscrew 11x7 electric	26.4	7440	3.19
Great Planes 11x8.5 electric	26.4	7440	2.99

*Prices are for comparison only and do not include shipping or tax.

Conclusions:

1. Flying with any of the above propellers will not cause damage to the 30 amp Apprentice ESC.
2. Flying with any of the above propellers will not damage the stock Apprentice motor. According to Horizon Hobby the Apprentice motor is rated at 31-40 amps continuous, and 42 amps maximum for 15 second bursts.

3. The E-flite Apprentice propeller, EFLP11080E, draws the least current at full throttle among the tested propellers. It is also the easiest to install because its hub fits the 15e shaft with no modification necessary.

Hope to see you at the meeting on November 6th and at the TORKS Christmas dinner/party on the 14th of December.

Have fun and fly safely.

Respectfully,
John Graham