



ACADEMY OF MODEL AERONAUTICS CHARTERED CLUB #1255

SERVO CHATTER

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ANOKA COUNTY RADIO CONTROL CLUB, INC.

DECEMBER 2019

THE MEETING ON THURSDAY, DECEMBER 19, IS AT RIVERWIND!!!

PRESIDENT'S CHATTER

THANKSGIVING DINNER WILL HAVE TO WAIT!

Fresh snow, wind is NE less than 10 mph, and I have flying on my mind.



Bob Svare and I built this 8' Telemaster in a weekend back in 1990. I have flown it with 6 different power plants including gas, glow, and now a conversion to electric. It has had wheels, floats and has skis for today. I think there is something nostalgic and a great deal of fun going back to that old trainer for some smooth and somewhat graceful touch-n-goes on fresh snow. Some were side slipped due to a slight crosswind. After a number of those I landed to check the 8-cell battery to find I had only used 30% so back for some more.



I did bring along a HobbyKing Skipper for some zippier flights.

I am hoping you all had a great Thanksgiving too.

I changed our sign for the Freeze Fly. I hope to see you all there.

Jeff Slater

VICE PRESIDENT

In case you haven't noticed winter is here, nuff said!!

While I did buy skis for one of my planes, and I do have a baseball complex across the road, I don't see myself going out in the cold these days, cold is a lot colder as you get older. But let's talk flight simulators, no it isn't the real thing, but the Realflight systems are very good and once you get past the learning curve they are very realistic. First thing is a capable PC. It will run sufficiently on pretty much any system, but the better your system the better the results. A barebones \$200.00 system will run it with acceptable results. I just picked up a black Friday HP gaming laptop for \$500.00, with a quad core processor with 8 GB ram and a graphics driver with 3GB and it makes

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the sim sing! Out of the box the system needs a few easy tweaks. First is to under physics, set skill lever to beginner, normal or custom. I run custom and slow down physics speed to about 80%, flight model to realistic and auto pilot to off. Next set the graphics to whatever level your PC can handle and start to fly! Also there are a few wireless interfaces available so you are not tethered to your PC, they run anywhere from \$30.00 for the spectrum wireless interface to as low as \$12.00 for the Orange version of the spectrum. That works as well as any. Bind to your flight radio (or a cheap second hand radio, save your sticks for the real thing) then once you get tired of flying on your tiny 15" laptop screen, plug in an HDMI cable and fly on your 70" widescreen! Now practice prop-hangers and flat spins with a plane that is repaired with the push of a button!

We did give away the Avios Grand Tundra at the November meeting! Congratulations to Darren Bitzer! Which brings us to our next Plane raffle. We will next be giving away a Phoenix Waco F5C biplane! It is a 63" WS ARF that will fly with electric, gas or glow and we will again be selling only 25 tickets @ \$20.00 ea. Several tickets have already been sold and I hope to give this one away at the December meeting!



Waco F5C

Speaking of the December meeting we will have some really cool regular raffle prizes for our December meeting so make sure to hit the ATM on the way or bring your checkbook!

Tony Hahn



MEMBERSHIP NEWS

HOLIDAY GREETINGS!!! I hope that you have been good so that Santa will bring you a lot of goodies this year and maybe a few **EXTRA-SPECIAL** treats. If you haven't put in your request yet, just leave a Tower Hobbies catalog lying around with the appropriate pages marked. You still have a few weeks until Christmas. Just remind your significant other that it takes less money to fly large R/C airplanes than it does to support the local tavern.

There is an application included in this newsletter and if you lose it you will have to pick one up at the meeting or send me a self-addressed stamped envelope. Members who read the newsletter on line can print the application and rules from the ACRC website. Remember, **ALL** current members have to fill out a 2020 application and have their year 2020 AMA verified before they can be issued a 2020 membership card. Dues for 2020 are \$75.00 and if you rejoin after January 31 there is a \$5.00 late fee. Please rejoin as soon as possible after you get your November Servo Chatter and your AMA card for 2020. It is easier to set the budget if the majority of the dues are in by mid-January.

REMEMBER - I need verification of your **2020** AMA dues. Sending a copy of your 2019 card will only delay the processing of your application. Please also include a small stamped self-addressed envelope. It's not that the club cannot afford the stamps, but it makes it easier for me as I do membership for both ACRC and SPMRC. Thanks

ACRC FREEZE FLY - Put skis on your plane and get ready for some winter flying on January 1.

TCRC ANNUAL AUCTION - The TCRC auction will be on Saturday, February 1, at Cross Point Church on 98th and Bloomington. Registration starts at 7:00AM and the auction starts at 9:00AM. Go to the TCRC website for more information:

http://www.tcrconline.com/pages/auction_seller_registration.htm

The next meeting will be at Riverwind Community Center on December 19 at 7:00 PM.

Stan Zdon

A Look Back

December 2001

18 Years Ago

Outgoing president Dan Stahn thanked Tom Newton for the foam wing cutting demonstration at the November meeting.

The P-51 saga of Dan Stahn continues on with wing reinforcements to the spars and retractable landing gear mounting. Dan is also weighing (literally!) whether to use a Saito 120 or an OS 90 two stroke for power.

Red Scholefield's knowledge of Ni-Cd batteries broke down the hows and whys of cell shorting via conductive particulate bridge of the separator or by separator deterioration.

Safety Officer Charles Skaudis, reminded everyone that that model aircraft safety isn't always at the field. Charles forgot to drain the fuel from the tank after his last flight, which led to fuel dripping on his workbench. He grabbed an empty pop can and drained the remaining fuel. While cleaning up the dripped mess, his son Sean grabbed the pop can and swallowed the contents. Three and a half panic filled days later, Sean was able to come home from the hospital.

December 1991

28 Years Ago

The hard surface runway was approved by a 3:1 vote in favor. A planning committee will be created.

Dan O'Link thanked everyone for making 1991 a memorable year. An Honorable Mention at the Apache Mall Show, a new frequency board, and many successful events were among the many things that happened throughout the year.

Six brave (foolish) souls tempted fate in 20-degree temperatures with 30 mph winds in a feeble attempt at a Fun-Fly. Two airplanes flew, a 3rd engine was started, and all met for coffee with a seventh no-so-brave soul.

Jack Cottingon's Who's Who column (formally Jeff Slater's) put the spotlight on Chris Tiggeman.

Tim Karash

ACRC FUNDRAISER

Winter is upon us. In less than one week, we went from brown lawns to a winter wonderland. The holidays are here too. Time to gather friends and family together and hit 'em up for a calendar. That's right, no mercy. We need you to give it your best shot as every sale helps us reach our goal. The Minnesota Fresh Water Society has a very generous reward for each calendar that we sell.

These calendars make great gifts. Maybe your shopping is done, but that doesn't mean everyone else has completed their list. It's time for some arm-twisting.

Happy Holidays

Tim Karash

ACRC MINUTES

20 Members present.

New member - Joe Boettcher

President: Jeff Slater started the meeting at 6:57 and greeted all present.

Vice President:

Tony Hahn showed the Tundra ARF that is being raffled off. The raffle will be held tonight because all of the tickets have been sold..

Membership report:

99 members at the end of 2019. 18 members signed up so far for 2020.

Events:

The next event, other than the December meeting, is the Freeze Fly on January 1, 2020.

A Pattern Contest for June 13 & 14 was approved by the ACRC membership at the November meeting.

Safety report:

No safety issues in the past month.

Treasurer's Report:

Income: \$440.00

Expenses: \$546.00



Training:

Training is finished for the year.

An Apprentice trainer was donated to the club for the training program.

Old Business:

Tim Karash reminded members to sell calendars.

New Business:

There will be indoor flying at the Maple Grove Sports Dome on December 11. Flying will be from 7:00 PM to 9:00 PM and will cost \$20.00.

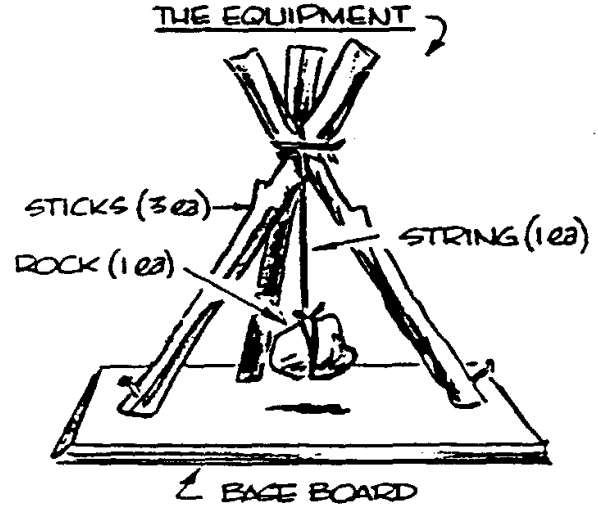
Show and Tell: Vice President Tony Hahn showed the next plane to be raffled, a Waco F5C.

Raffle:

1st	Virgil Okeson	Battery checker
2nd	Scott Oleson	Battery checker
3rd	Dennis Buster	Battery checker
4th	Ed Belmore	Battery checker
5th	Jeff Slater	Screwdriver set
6th	Scott Oleson	Sandpaper cutter
7th	Tim Karash	Combination square
8th	Bob Barton	Easy Tote
9th	Dave Holter	6" scale
10th	Joe Boettcher	36" scale

Stan Zdon

BACK-UP WEATHER STATION



HOW TO INTERPRET OBSERVATIONS

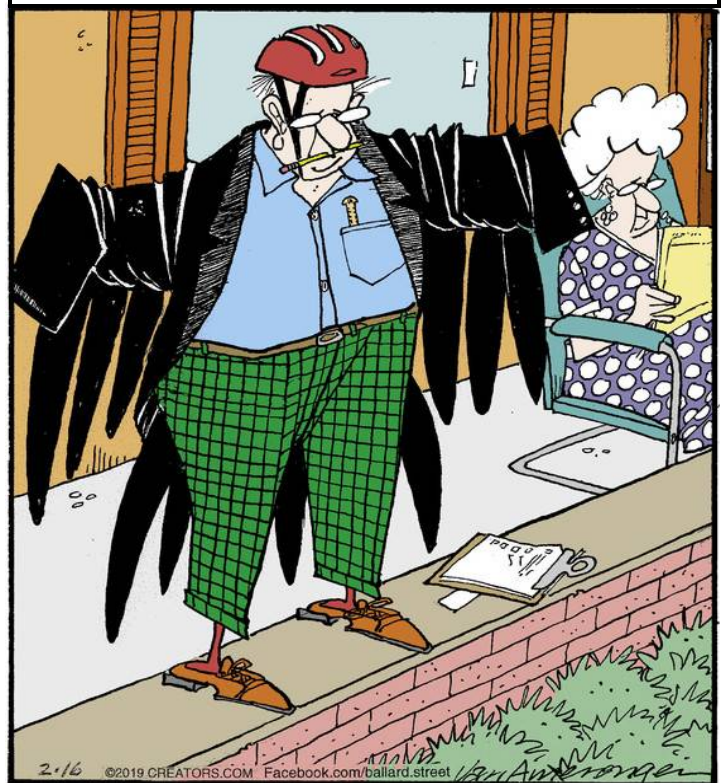
IF ROCK IS:	IT'S:
WET	RAINING
WHITE	SNOWING
MOVING.....	WINDY
HARD TO SEE.....	FOGGY
CASTING SHADOW.....	SUNNY
COLD	CHILLY OUT
WARM	HOT OUT

PILOTS: TAKE THE GUESSWORK OUT OF WX BRIEFINGS—MAKE YOUR OWN STATION!

R/C FLYING GLOVES

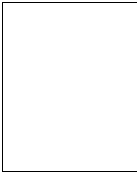


Ballard Street by Jerry Von Amerongen



Virgil's toying with the idea of a suit coat that converts into a flying coat.

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ACRC Website - <http://www.anoka-rc.com>

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ACRC SPONSORS
 King Kong Hobbies
 Woodworking Plus
 Blackjacks Asphalt

CALENDAR OF UPCOMING EVENTS

Thursday – December 19

- ACRC Meeting-Riverwind

Wednesday – January 1

- ACRC Freeze Fly

Saturday – February 1

- TCRC Auction

