



Central Carolina Radio Control Modelers



On the Fly!

January 2017

Editor-in-Chief: Marc Wentnick

Club Meetings are held at the **Sir Pizza** in Randleman the **2nd. Tuesday** of every month unless otherwise noted

Order food at 6:00
Meeting start at 7:00



Dues are due
February 1st.

Dwight braving the frozen tundra of Randleman



Board of Directors

Board meetings are **tentatively** held every 1st. Tuesday. Time and location to be announced.

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Give yourself a hand you made another year!



WHO KNEW?!



This month in Aviation History



JANUARY

IN 1914...

The U.S. Weather Bureau begins daily publication of a weather map of the Northern Hemisphere designed specifically as an aid to aviation.

IN 1914...

The first regularly scheduled passenger airline in the United States begins service. The Benoist Company, flying its Benoist flying boat, runs a line between St. Petersburg and Tampa, Florida

IN 1976...

First passenger services by a supersonic airliner are begun, as British Airways and Air France Concorde supersonic transports take off simultaneously for Bahrain and Rio de Janeiro.

IN 2002...

Boeing's 737, the world's most widely used twin jet, becomes the first jetliner in history to amass more than 100 million flying hours. The 737 was launched onto the market in 1965.



"He must be going economy!"

5 Top Building Tips & Tricks



Don't assume the plans are perfect. Paper expands and contracts with the weather. Lines may not be straight and may not be spaced correctly. It's probably less likely that two symmetrical drawings (such as wings) are not drawn the same with the advent of CAD drawn plans but it's still a possibility.

Always cut the longest sticks first. What I mean is cut the longest structural pieces such as spars and longerons before cutting shorter pieces such as cross-braces. Manufacturers normally give you enough extra wood in a kit to make a mistake or two. If you cut all the cross-braces first you may end up with a bunch of scraps and have nothing long enough for the wing spars or longerons. Additionally, you should always use the shortest

piece that's big enough for the job.

Be sure to remove pins, magnets or anything else that shouldn't be there before you add the sheeting that will completely enclose an area. I once built a magnet into a wing and had to perform surgery to get it back out. Until I announced it here nobody ever knew about it but I still felt pretty stupid at the time.

Do not attempt new techniques directly on your model without practicing on something other than the model first. Get in the habit of performing tests.

Do not be afraid to scratch build a part if you do not like the kit part. Likewise, don't be afraid to modify a kit if you have a better way. If a kit rib needs to be thicker for some modification you are making (retracts, for example), you can use the original part to trace a new part but leave it slightly oversize. Put some masking tape on the neighboring ribs and sand it to shape once it is in place.



Have you checked fuel lines recently?

WWW.CCRCM.COM

IN THE SPOTLIGHT!



A-10 Warthog



The Fairchild Republic A-10 Thunderbolt II is a single-seat, twin turbofan engine, straight wing jet aircraft developed by Fairchild-Republic for the United States Air Force (USAF). Commonly referred to by its nicknames *Warthog* or *Hog*, its official name comes from the Republic P-47 Thunderbolt, a World War II fighter that was effective at attacking ground targets. The A-10 was designed for close-in support of ground troops, close air support (CAS), and providing quick-action support for troops against helicopters and ground forces. It entered service in 1976 and is the only production-built aircraft that has served in the USAF that was designed solely for CAS. Its secondary mission is to provide forward air

controller – airborne (FAC-A) support, by directing other aircraft in attacks on ground targets. Aircraft used primarily in this role are designated OA-10.*

Click on the links in blue for more information *wiki

Did you know?

The trucks that load uranium ore after the ore has been blasted in the mine or operated by remote control. Radio active levels are too high and unsafe for a driver.



It's more than coffee cups!

Styrofoam



WEBMASTER WANTED!

WE HAVE AN OPENING FOR SOMEONE TO TAKE THE REINS.

PLEASE CONTACT :

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Styrofoam is trademarked brand of closed-cell extruded polystyrene foam currently made for thermal insulation and craft applications. It is owned and manufactured by The Dow Chemical Company.

IN 1941, researchers in Dow's Chemical Physics Lab found a way to make foamed

polystyrene.

THE term is used generically although it is a different material from the extruded polystyrene used for Styrofoam insulation.

The Styrofoam brand polystyrene foam, which is used for craft applications, can be identified by its roughness and the fact that it "crunches" when cut. Additionally, it is moderately soluble in many organic solvents, **cyanoacrylate**

STYROFOAM is composed of 98% air, making it lightweight and buoyant. Because of its insulating properties and buoyancy, it was adopted in 1942 by the **United States Coast Guard** for use in a six-person **life raft**.

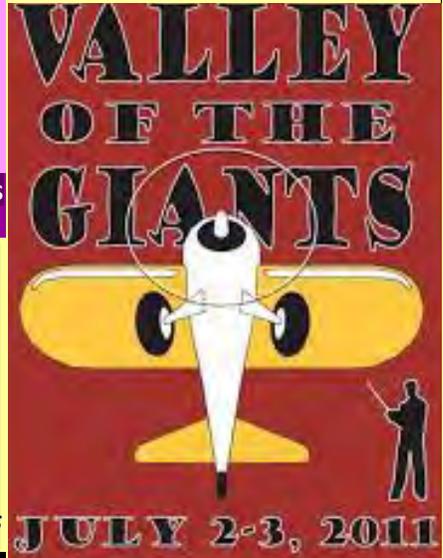
In 2015, researchers discovered that **mealworms**, the larvae form of the darkling beetle *Tenebrio molitor*, could digest and subsist healthily on a diet of Styrofoam. About 100 mealworms could consume between 34 and 39 milligrams of Styrofoam in a day. The droppings of mealworm were found to be safe for use as soil for

crops. Superworms (*Zophobas morio*) are also reported to eat styrofoam.

Click on any blue lettered words to get more information. Wiki

**Hey, everybody
watch this!**

— every redneck
crop-duster's last words



From a pilot's welcoming speech... "WE ARE PLEASED TO HAVE THE BEST AIR STEWARDESS IN THE INDUSTRY, UNFORTUNATELY NONE ARE WITH US ON THIS FLIGHT."