

Central Carolina Radio Control Modelers



October 2016

Editor in Chief: Marc Wentnick

FLOAT FLY

OCT. 1ST.

AT: LYNWOOD LAKE

GREENSBORO

CD: TOM BLACK

tblack8086@gmail.com

CLUB MEMBERS ONLY

Club Meetings are
held at the field the **2nd. Tuesday** of
every month unless otherwise noted

Food at 6:00
Meeting start at 7:00

Volunteer to help!

Happy Halloween!

Club Events

**Second Annual
O.W. Maness
Memorial Fly-In**

**Saturday October 15th.
Registration @ 9:00
Pilots meeting @ 10:00**

\$10.00 landing fee *includes* one raffle ticket

CD: Jesse Brinson

336.906.5826

deucebrinson@northstate.net



**Pilot prizes
Raffles
AMA Sanctioned**

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

Please contact:

Tim Holland

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Ronnie Garris

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The secret life of Balsa wood

Balsa wood has always been used as the standard of model building. Strong and light weight it has proven to be the go to medium of builders everywhere. But how much do you actually know about it? *Where does it come from? How is it made? Is there a balsa tree?*

Well stay with me as I attempt to uncover the mysteries of:

Balsa Wood

There is a balsa tree!

It grows in South and central America in Ecuador, Brazil, Bolivia and Mexico. The fast growing evergreen tree can grow to a height of 98 ft. For all you horticulturists the tree is in the family know as *Malvaceae*. This genus of plants flower. Officially the tree is know as *Ochroma pyramidale*. **Whew!**

The tree is an opportunist. It establishes itself in clearings. Man-made or abandoned farmer fields are it's favorite although where trees have fallen the plant will also call home. Because the tree grows so rapidly the wood has a lower density than cork. Trees don't live more than 30 to 40 years. The wood is harvested after 6 to 10 years. It is then kiln dried for about two weeks. This leaves the the cells hollow and empty and full of air.

FUN FACT



Ecuador provides 95% of all commercial wood.



The many uses of balsa

- Wooden crankbaits used for fishing
- The core material in ping pong paddles
- The blades of many wind powered turbines
- The core of high quality surfboards
- Decks and topside surfaces of many pleasure boats under 30 ft.
- Breakaway chairs and other props used in film production.
- The WWII Havilland Mosquito was built with balsa.
- The newer Chevrolet Corvettes use balsa sandwiched between two pieces of carbon fiber to make the floor pans.

So there you go! Everything you need or may not need to know about the wood that made our sport possible before the advent of Styrofoam.

CONSTRUCTION ZONE

The next time you run into Tommy Conklin make sure you thank him for the great job he has done rehabilitating the storage shed singlehandedly.

Atta Boy!



Did You Know...

Halloween has it's origin in Christianity and goes back to 1745!

Scene at the Field



The true story of

Dracula



**It's relevant to flying. After all he flew as a bat!*

Blah blah blah I want to suck your blood! This Hollywood version of Bram Stoker's 1897 novel is what most folks think of when you ask them about Dracula. The blood sucking vampire who stalks the night in search of his next scantily clad lovely victim. But is this description so far from the truth according to folklore and legend? Let's see....

Back in the day in the old country it was common for thieves to sneak into the cemetery and dig up the recently deceased to plunder any jewelry that may have been buried with the corpse. These people were known as *ghouls*. That's the origination of that term.

Once the body was dug up and exposed the corpse looked as if it's fingernails and hair had grown. This was due to the body shrinking as water drained away. Also due to bloating and bodily gasses there was often blood like liquid seeping from open orifices. The mouth and eyes being one of them. As you can see the somewhat superstitious and uneducated ilk of those times explained this as the dead walks again.

In some cases the body was buried without the head to insure that the dead couldn't return. But in the *fact is stranger than fiction* files there was an individual who may have actually bathed and drank the blood of his enemies. Ladies and gentleman may I introduce...

Vlad III, also known as Vlad the Impaler



O' Vlad was a Romanian prince. He was also known as Vlas Dracula. He lived from



1428-1477. Vlad ruled over Wallachia in Romania. He loved to impale his enemies on a pole. The pole was inserted in the anus and exited out the mouth. This was his favorite form of execution. He kept his

enemies at bay. This would insure any town folk with revolution on their mind to think twice.

It worked.

The bodies were displayed on the sides of the roads leading up to the castle as a reminder not to try anything deemed subversive. It was said there were a forest of over 20000 bodies impaled around the castle.

Publications of the day described Vlad as "a demented psychopath, a sadist, a gruesome murderer, a masochist", worse than Caligula and Nero."

Nice guy! See Vlad was always fighting someone. His bitter enemies were the Transylvanian Saxons. They seemed to like his castle and wanted it for their own. After his death many books were written about Vlad's cruelty. As time went by the stories became more and more absurd.

... [Vlad] had a big copper cauldron built and put a lid made of wood with holes in it on top. He put the people in the cauldron and put their heads in the holes and fastened them there; then he filled it with water and set a fire under it and let the people cry their eyes out until they were boiled to death. And then he invented frightening, terrible, unheard of tortures. He ordered that women be impaled together with their suckling babies on the same stake. The babies fought for their lives at their mother's breasts until they died. Then he had the women's breasts cut off and put the babies inside

headfirst; thus he had them impaled together.

How about this one...

He roasted children, whom he fed to their mothers. And (he) cut off the breasts of women, and forced their husbands to eat them. After that, he had them all impaled.

You get the idea.

In Romania Vlad is a national hero. He kept the Saxons and the Ottoman Empire from invading Romania. Romania was a small country compared to the Ottoman Empire. It is a true Davy and Goliath story.

Many manuscripts have been found that document his life during and after his life.

If after you read this you get the willies don't forget to go to sleep with garlic tied around your neck. It is said this will keep vampires away.

In fact, it will keep EVERYBODY away!



November 8th. We have two elections to vote.

**PRESIDENTIAL ELECTION
AMA PRESIDENT**

Be responsible and do your due diligence. **Research!**. Don't be swayed by 30 second media sound bytes or hearsay with hidden agendas.

As Americans we have the freedom to make a choice.

Do it wisely!

<https://www.donaldjtrump.com/>
Republican

<https://www.hillaryclinton.com/>
Democrat

<https://www.johnsonweld.com/>
Libertarian

www.jill2016.com/
Green

<http://www.modelaircraft.org/>
AMA



This month in aviation history

In 1785... Jean-Pierre Blanchard makes the 1st manned balloon ascent in Germany.

In 1861... The United States Army Balloon Corps, consisting of five balloons and fifty men, is formed.

In 1883... French brothers Albert and Gaston Tissandier make the 1st flight with an airship powered by electricity.

In 1917... Final testing is made for the US Army-designed air-to-air radio communication system with a wireless set.

In 1947... Captain Charles "Chuck" Yeager becomes the 1st person to fly faster than sound. Yeager "breaks the sound barrier" in his Bell X-1 airplane, Glamorous Glennis, named after his wife. He was able to reach 670-mph or Mach 1.015 at Muroc Dry Lake, California.



Enter if you dare!

REMEMBER WHEN....



Military Marvels

In the Hanger

LOCKHEED F-104 STARFIGHTER



This sexy supersonic aircraft was originally designed as interceptor. It was made for the USAF and saw USAF service up to 1969. But between 1958 and 2004 more than a dozen nations have put it into service.

The Air National Guard used the plane until 1975. NASA flew a small fleet for supersonic flight testing until 1994.

During the Vietnam conflict three F-104 jets were employed.

The last country to retire the aircraft was the Italian Air Force in May 2004.

Most Starfighters were produced by NATO members to a total sum of 2,578.

Recently NASA announced last month using the jet for launching commercial satellites into orbit.

Kelly Johnson who eventually went on the design the SR-71 Blackbird and many other Lockheed aircraft was the lead contributor and designer.

From the beginning the F-104 was mired in controversy. Rumors of Lockheed bribery scandals did nothing to help the

reputation as did the unsafe safety record.

The design was first submitted to the air force as early as 1953 to replace the North American F-100 Super Sabre.



The power plant was the GE J79 turbojet. This engine produced 15,600 lbf (69 kN) of thrust with afterburners. This was more than capable of hurling the ship past Mach 2 to a maximum speed of 1,328 mph (Mach 2.01, 1,154 kn, 2,137 km/h)



* Note: red was added by museum displaying the engine

With armament capabilities of :
20mm (0.787 in) M61A1 Vulcan 6 barreled Gatling cannon.
725 rounds and hard-points of 4,000 lb (1,800 kg)
Missiles: 4 x AIM-9 Sidewinder and combinations thereof, she was a formidable ship



And you thought
you had bad days!



Your out flying and everything is peachy. Then all of a sudden you catch the last glimpse of your plane the way it was, in one piece.

After thinking of ways to blame **something** other than dumb thumbs you make the walk. You know the walk. Just like the perp walk criminals are subject too.

Avoid eye contact no one noticed anyway, right?!

Watch this **YouTube** video and the next time you find your self in that position you might just feel a bit better knowing this wasn't you!

Click the link or picture:

[Giant 1:2 Saab Gripen Jet Destruction](#)



Got an idea? Lemme know!
ebida3@yahoo.com

Tom Black's Third Annual Float Fly is Saturday October 1st. @ Lynwood Lake

To get you psyched these pictures
were taken at the Mt. Pleasant Float Fly

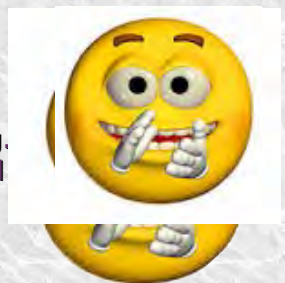


**Thank you
Jesse Brinson
for the photos**

ELECTRIC FLY

Mark Willard's Electric Fly was a hit.

The weather cooperated for smooth flying. Twenty two pilots were registered from all over to make the event successful. Anderson R/C donated prizes. Howard Bass won 1st. prize in the people's choice. The crowd loved his Tocano. BBQ from Joe's BBQ was available.



Until we read again!
Happy Halloween
"Chef" Marc

