



THE HUB CITY RADIO CONTROL CLUB FLIGHTLINE



[HTTP://HCRCC.ORG](http://HCRCC.ORG)

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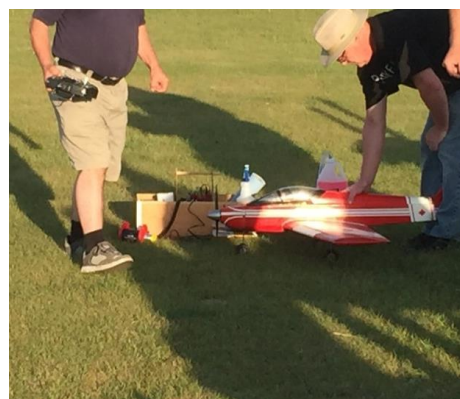
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Fun at the Field

Here are a few pictures taken at the field over the last month:



Rocket Launches

-By Mike Dolan

There were some great rocket launches the past few days. I let loose my home made "Blue Thunder" copy of a 3 foot Phoenix Rocket that uses a "G" motor. I know that John Barnsley and Greg Lock each enjoyed pressing the launch button that day and I enjoyed letting them do it. The rocket launched well but had seen better days and the rocket had difficulties deploying the chute cleanly.

The last launch proved to be truly the last launch as it became a lawn dart and ended up digging in about 5 inches into the soft marsh at the entrance of the field. Thanks to all of the members out that day for helping to retrieve that rocket - all three times. I wasn't that concerned about the rocket itself - it was the RMS reloadable motor system I wanted to get back. I replaced it with a store bought Estes Leviathan Pro Series II that uses a 29mm "G" motor so I was able to use my Aerotech RMS 29/40-120 G64W-7 reloadable motor system for that rocket as well.

Monday August 3 was the maiden flight. There was just a skiff of a breeze if any and a clear blue sky - perfect conditions. I gave the honor of the count down and first launch to Warren Collins from Express Hobbies and by the look on his face when it left the pad I would say he was impressed as was everyone else. Best guess estimates was that it hit 1000 feet, but it is hard to tell when it is out of sight. There were two excellent launches and two very successful recoveries.

I was impressed with the launches and will be planning another launch soon. As you can see by the pictures the Aerotech rocket engines have a lot of horse power and display a brilliant flame when launched. A nice thick white smoke contrail follows and then a leisurely walk through the hay field to retrieve the rocket.

For those who wish to know more feel free to visit with me next time at the field I always enjoy talking about my rockets or helicopters or whatever is happening that day.

Happy and safe flying.



Blue Thunder



The Estes Leviathan

The Lockheed C-5 Galaxy

-By Bryan Dyck

The Lockheed C-5 Galaxy is a large military transport aircraft with intercontinental-range used by the United States military since 1970. The plane is a high-wing with four turbofan engines designed for strategic airlift purposes. With a cargo compartment measuring 121 ft long, 13.5 ft high, 19 ft wide, seating for 75 passengers, and a maximum payload of over 122 tonnes, the C-5 Galaxy is capable of delivering nearly any piece of military combat equipment or personnel to anywhere on the globe.



In the early 1960's, several aircraft companies began studying heavy jet transport aircraft designs to replace existing planes that were lacking in cargo space and payload capacity. After three separate companies submitted bids (Boeing, Douglas, and Lockheed), the US Airforce eventually awarded the contract to Lockheed in 1965.



The first C-5 Galaxy was completed and flight testing commenced in 1968. During flight testing, several technical problems with the aircraft were revealed. Significant cost overruns in excess of a billion dollars resulted. Upon completion of testing, the first production aircraft was finally delivered in 1970.

Since 1970 the C-5 has been used in a wide variety of strategic airlift operations including missions in Antarctica, relief aid during natural disasters and crisis, and supply of people and equipment to conflicts in the Middle East.

The aircraft is even used for transporting the President of the United States' motorcade and limos. HCRCC executive member Mike Dolan witnessed the C-5 in action this past June while waiting to board a flight in San Francisco. Below are a couple pictures he snapped of Air Force 1 (left) and the C-5 transport plane (right):



Not many folks have attempted modelling the C-5 Galaxy for RC, but I was able to find a few examples like [this one](#) (note the true to life retract system that was used!).

Links

- For more information on the C-5 Galaxy, watch [this documentary about the plane](#)
- Watch Rick Reid's brother Joe landing Peter Mansbridge and the CBC, The National team in the arctic [in this video](#)

Classifieds

WANTED

High Performance 40 Sized Airframe or ARF

- Looking for a high performance/3D balsa airframe or ARF. Fun fly profile preferred.
- Prefer a plane in the \$150 range
- Contact Sol Gokavi through the HCRCC forum [HERE](#)

Engine for 120 Sized Biplane

- Need an engine for a 120 Ultimate Biplane.
- Either a 1.20 nitro or 20 cc gas will do.
- Contact Sol Gokavi through the HCRCC forum [HERE](#)

Upcoming Events

Monday Fun Fly Events

Mondays August 17th, 24th, 6:30 PM – Sundown

HCRCC Field

The event has been a great success! To date we have had 4 Fun Fly events, with 17 pilots receiving entries into our prize pool. Total Entries awarded to date: 52. There has been close to 20 people at the field for each event. Greg Lock is currently leading with 8 entries (two 1st place finishes, one 2nd place finish). No entry fee, this is a club only event. Even an attempt at an event will be rewarded with an entry into the HUGE PRIZE POOL at the end of the event, so there is no reason why every member doesn't get a chance to win

August 17th: Most Loops

August 24th: Circuit Fly Challenge

New Pilot Instruction

Wednesdays August 12th, 19th, and 26th 6:30 PM – Sundown

HCRCC Field

Pylon Race

August 22nd – 23rd

HCRCC Field

Annual pylon race event hosted by the club. Stay tuned for emails with more details.

HCRCC General Meeting

No meeting this month. Make sure to save some time this summer for flying!