



Rotor Wash

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Message from the President

Monthly update

Eric Stevens (e_stevens@cox.net)
ARMS President

I hope everyone had a good Thanksgiving. Many of us took the opportunity to get some flying in. The last couple of months, we have made a great showing out at the field and frequently outnumbered the fixed wing pilots. This past Sunday, with the cooler weather, I did note more fixed wing pilots starting to show up. I would like to ask everyone that joins us out at SVF to please drive slowly in and out of the field. Dust is a major issue with the city and county (at least for organizations that don't make them any money). I recently read that Maricopa County had tripled the number of inspectors dealing with dust issues in the county. Sun Valley will be trying a test run on a portion of the road sometime soon with a material that Scottsdale uses on its dirt roads. While I don't believe that Sun Valley would be evicted outright because of dust control, I do believe that they may be strong armed into investing some serious money on the access road (i.e. paving). So please drive slowly on the way in and out.

A few members have asked concerning the gate combination, email or call me and I will give it to you as this newsletter is posted on line and SVF probably doesn't want the combination placed in a public place. The paperwork is with parks and recreation; we are simply waiting for a go ahead. To my knowledge, we really haven't had any issues existing with the airplanes, other than we need to move to enjoy full day flying.

We had a good showing at SRCHA's fun fly. The event was fairly small, so everyone got to fly who wanted to. Our own Ron Pisz won "Best Crash" and the Auto contest. Bryce Hatfield took second (?) in the auto contest and I personally placed third in the intermediate event. Our event will be taking place March 9 - 11th, 2007 and I had several people inquire on the dates. We are beginning the ramp up.

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Next Meeting

December 7, 2006 @ 7:00pm

Deer Valley Airport

Elections at last meeting were a little fuzzy; I think I'm still president as there were no challengers and minimal voters. We currently have a motion to retain the current officers. Please remember that membership dues are also due. That's it for this month. As an after note, for anyone who has been following Al Stills and his home built airplane project, the airplane made its maiden flight today.

Eric

Technical Tips/For Sale

What's the Formula?

Paul Clifton Jr. (pcliftonjr@cox.net)
ARMS Secretary

Finding the Head speed

Engine RPM/Gear Ratio= Head speed

Example: 15,000 is the Target RPM
8.27 is your Gear Ratio

$15000/8.27 = 1813$ (Head Speed)

Finding Engine RPM

Gear Ratio * Head speed= Engine RPM

Finding Gear Ratio

Engine RPM/Head speed= Gear Ratio

Finding your pack current

So you've got a 2100ma pack that's rated to deliver 15C of constant current and 20C burst. How much current is that exactly?

Take the pack capacity and convert it to Amps:

$2100\text{ma}/1000 = 2.1\text{A}$ (This is pack current @1C)

Then multiply the "C" in question by the pack current:

$15 * 2.1 = 31.5\text{A}$ (current for 15C)

$20 * 2.1 = 42\text{A}$ (current for 20C)

Stuff for Sale

Nothing new this month

Photos from the field(s)...

Matt's Funtana



Matt & Jason



Watching the Show



Cody and Family



The Afternoon crew!



Spencer's Hurricane!



Neil and his Trex SE



Bob and Tim



Notes from the Editor

Merry Christmas!

Paul Clifton Jr. (pcliftonjr@cox.net)
ARMS Secretary

It's that time of year again. I just want to hope you all a Merry Christmas and a Happy New Year!

Paul

Upcoming Events

AZ Electric Fest (Mesa)

Jan. 25th -28th 2007

ARMS 11th Annual Fun Fly!! (Sun Valley)

Mar. 9th – 11th

For more details check out the "Events" section on RunRyder.

Arizona Rotary Modelers Association
P.O Box 6052
Glendale, Arizona 85312-6052



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