

## S3 MEETING MINUTES

APRIL 2, 2013

Meeting called to order April 2, 2013, at about 7:16 pm at the Round Table on Damonte Ranch Parkway with 7 members present.

Note: Starting this year (2013), we will have meetings four times/year, on the first Tuesday of January, April, July, and October, at 7:00 pm at the Round table on Damante Ranch Parkway (near the Walmart).

**Treasurer's Report:** Opening balance was \$2,704.44 and closing balance now is \$2,253.83.

**Correspondence:** Lee started a discussion about radio checks before flying a new plane and reminded everyone of their importance from a safety standpoint. It's easy to remove or collapse the antenna on a FM transmitter, but with a 2.4 system it isn't the same. Some transmitters have a power reduction button you can press, but many don't. Marston realized that his JR FM radio with a 2.4 module doesn't have any radio check method. If you have ideas for a 2.4 radio check method please share with the club.

Lee also handed out a paper with instructions for calculating the MAC and the C/G for a swept/tapered wing.

Marston started a discussion about how to choose an electric power system for a plane, and suggested starting at end with the propeller. Choose the diameter and pitch appropriate for the size and speed and thrust required, then choose a motor that will efficiently spin the prop at the speed you need. Pitch multiplied by RPM gives a good approximation of the speed. Use the motor's Kva (RPM/Volt) rating along with battery voltage (typically 7.4, 11.1, 14.8 for a 2S, 3S, 4S LiPo) to get proper speed. Choose battery capacity (2,000 mah, etc.) based on how much weight you can afford and how long you want to fly.

### Old Business:

New winch lines were installed at the end of the last contest (march).

A new trailer was purchased from Harbor Freight. Jim will assemble with help from Lee and Adam.

Batteries: the club voted to replace the batteries in the front winch in the big trailer with three new 6V batteries.

### New Business:

Discussion about starting a new class for contests; woody, or foamy or ?

Discussion bout a Slope Fly - Al will drive out to the Red Rock site to see the condition of the roads. A slope fly day was tentatively set for April 27 at 2:00 pm

There is an Air Fair at the Truckee Airport on July 6. Al can get us a booth and possibly the ability to set up a winch and show off sailplanes. Contact Al if you are able to attend and participate for S3. Al had a good idea to have a paper airplane contest for kits using paper with the S3 logo on it.

Meeting adjourned at about 8:40 pm. Submitted by Ron Marston.