

# IMSF February Meeting Minutes

**Welcome**, introductions by everyone present

**Treasurer's report** by Everett Smiley

Accepted several membership payments (all memberships due by March meeting; make out checks to Everett Smiley)

Current club member list and AMA member list was sent around for updating

As a reminder, proof of AMA membership is required for flying at all club-sponsored contests

**Calendar and CD signup list** was sent around for both a reminder and for changes. These will be reviewed at every meeting. Ted asked if changes could be made, as some of the slope events may be eliminated in hopes of getting more flyers at fewer races. Changes can be made at any time during the year, but please at least a month/meeting before the event is scheduled.

These two files are attached

**New and old business:**

Ted Fraughton is checking with the manager of airport #2 concerning our thermal site in Kearns and what needs to be done to keep it legal to fly there, given the proposed FAI guidelines now in the works. The proposed model flying park on the west side may also need to be approved, as it is within the governed distance also.

Equipment manager: there is not a formal equipment manager for the club trailer and equipment; Ted, Allan, and/or Mike will make sure the trailer and/or equipment is at in event if it is needed. Scott volunteered to transport the stand-alone winch and batteries if needed (no hitch).

Lee Chaplin and Ted showed the first copies of an IMSF brochure they are working for distribution to the hobby shops; there were enough copies so that they could be reviewed and have changes suggested by any of those in attendance; all changes/suggestions should be to them by the next meeting

## **Altitude Limited Electric Soaring (ALES) presentations:**

Yahoo files are found at <http://groups.yahoo.com/group/RCALES/>

As much as possible, all presentations were done with an iPad/projector/screen so everyone could be "on the same page". It worked well!

### **Review of rules**, as used at the last AMA Nats, by Scott Hinckley

Good questions, discussion, clarification <AMA Rules 2011.pdf> is attached

### **Setup and using the CAM** altitude/time limiting device chosen by the club, by Erik Vogel

The CAM comes ready-to-use for our contests: 200m altitude, 30 second max time

The main point was that the throttle control needs to be OFF when arming the unit

### **ALES MOM** scoring spreadsheet, by Scott Hinckley

Any computer/iPad/tablet that can run Excel files should work

Score cards with pre-printed random groups can be run at home so a printer is not required on-site

ALES Scoring Spreadsheet I am using is at [www.tailwindgliders.com](http://www.tailwindgliders.com)

Click on Articles/Files, then scroll most of the way down

### **Modifications to the ParkZone Radian**, based on Paul Naton article, by Dave Mumford

<http://glidefast.typepad.com/glidefast/2011/10/my-parkzone-radian-modifications-and-set-ups.html>

Incidence/decage, CG, strengthening tail, better control parts

Other good comments were made by members

Talk directly to Doug at MRS as an IMSF member to get good Radian pricing

## **ALES model/power setup and ALES on RC Groups**

ALES power estimation spreadsheet was shown; <APE.xls> is attached

RCGroups>Aircraft – Sailplanes>Altitude Limited Electric Soaring (ALES) – New site, includes all the threads from the old site

<http://www.rcgroups.com/altitude-limited-electric-soaring-ales-770/>

**The first ALES contest** will be March 17 at Kearns, CD Scott Hinckley

This is before the next meeting; specifics (time, etc.) will be sent out later

We will start slow, get used to the format, and see how it goes

AMA proof of membership (card) and \$3 entry fee (per bylaws)

**Show-n-Tell** (there being no objections from those present, a gift card drawing will no longer be held for those bringing items for the Show-n-Tell)

Tom Hoopes: Graphite d-tube 140 inch electric sailplane, old model, found in a corner of his basement and usable for ALES, will be powered by a Hacker motor with gear reduction, 19" prop

Dave Mumford: Servo Cyclor & Driver from <http://www.york-electronics.com/>

Stand-alone setup help for servos without using the transmitter/receiver/battery

The **March meeting** will be held at Alta High School and will feature laser cutting. More information as the time gets closer.