



April 2009

# Propwash

MUROC MODEL MASTERS, EDWARDS AIR FORCE BASE, CALIFORNIA

Visit us online! <http://www.murocmodelmasters.org>

The Muroc Model Masters is an  
Academy of Model Aeronautics  
Club No. 1737

President  
Ron Scaggs  
[wd6dnd@mindspring.com](mailto:wd6dnd@mindspring.com)  
661.256.4167

Vice President  
Wesley Parmeter  
[wesparmeter@yahoo.com](mailto:wesparmeter@yahoo.com)  
661-533-1204

Secretary  
Jerry Rice  
[j.d.rice@verizon.net](mailto:j.d.rice@verizon.net)  
661.943.4818

Treasurer  
Charles Threewit  
[c3wit@antelecom.net](mailto:c3wit@antelecom.net)  
661.722.8737

Newsletter  
John Sturgeon  
[oldcrow@sbcglobal.net](mailto:oldcrow@sbcglobal.net)  
661.285.5344  
Joe Breda  
[blackjackcash2@cs.com](mailto:blackjackcash2@cs.com)  
661.943.7158

Safety Coordinator  
Rob Marraccino  
[sgt.rob@prodigy.net](mailto:sgt.rob@prodigy.net)

## Muroc Model Masters

*Flying Field is*  
*Open for Business*  
(Unless it rains)

The May Meeting Will Be On Tuesday,  
**May 5, 2009**  
At Floyd Mathews House  
in Rosamond at 6:00 pm.  
**See You There!**

Inside:

From the Rocky Mountain Flying Machine Web site

## Hints for Airplane Set Up

by Richard Lindberg

**Muroc Model  
Masters  
P O Box 2194,  
Rosamond,  
CA 93560-  
2194**

## 2009 Membership Cards

For 2009, please remember to get your AMA insurance renewed before you renew your MMM membership. In order to have a 2009 MMM card issued, you need to provide a copy of your 2009 AMA card and driver's license or military ID and an **updated application**. The application is on line at <http://www.murocmodelmasters.org/>. Click on "About Our Club".

Club applications may be mailed to Muroc Model Masters, **Post Office Box 2194, Rosamond, CA 93560-2194**. Checks can be made payable to Muroc Model Masters. Membership dues are still just \$25 for the whole year. If applying in person, please see Charlie Threewit, Treasurer, at the field or meetings.

## >> *From the desk of Joe Breda* <<

We flew at the home field finally last week. Ron Scaggs had a mild heart attack and had a few stints put in. We visited him at his home last Saturday and he is doing well. Give him a call; he would probably like to hear from you.

---

**Here's a nice check list we all could probably use when putting together a new flying machine.**

**From the Rocky Mountain Flying Machine Web site**

### **Hints for Airplane Set Up**

*by Richard Lindberg*

1. Alignment of wing.
2. Incidence of wing.
3. Alignment of stabilizer.
4. Incidence of stabilizer.
5. Engine thrust line; all directions. Is it correct?
6. Ailerons: TE aligned with wing TE. Straight.
7. Elevators 1: TE aligned with chord line of stabilizer.
8. Elevators 2: TE aligned with each other.
9. Rudder: aligned with fuselage centerline.
10. Control travels 1: same both directions on all surfaces.
11. Control travels 2: balanced aileron and elevator throws. \*
12. Radio: exponential on aileron, elevator, rudder; at least 25% to start.
13. CG: (static) set per the manufacturer, your experience, then forward at least ¼ inch. \*
14. Landing gear: check every piece; align wheel track.
15. Control system: check every piece; Loctite, glue, tighten as needed, then check again.
16. Canopy, belly pan, cowl, propeller, spinner, tail wheel: check every screw, washer, nut, bolt, and latch. They have to work here to work there.
17. Tank plumbing: tank tubes, lines, clunks, tees, check valves, plugs.
18. CG: see step 13. Write down someplace.
19. Control movements: correct directions and amounts. Write down.
20. Battery check: Check battery!
21. If transmitter permits, "copy" this airplane to another, save with a version name, and keep it there unchanged. It is your original, in case you program yourself into an unflyable condition.

The items marked \* are based on my personal experience and are my preferences. I like a balanced feel to elevator and aileron, hence the setup I listed. Same for exponential. In most control systems we use these days, you need about 25% or so to get to the "linear" travel point on the system you have. So, if you set 30% exponential, remember it's only 5% "real" exponential. The reason I recommend the forward CG is that many fliers mistakenly set the CG on their airplanes too far aft. Until you have personally tried a slight forward CG (like suggested above) you won't believe how much better your airplane will fly. Trust me on this; try it, you'll like it.

By the way: item 20. Everything associated with your airborne and transmitter batteries needs to be checked by you at least twice, then you spouse or significant other, then whoever is at the field when you put the thing together. Trust me.

Now, this is not a comprehensive trimming chart, but it is a handy reference checklist for that new airplane you're either building or preparing to haul to the field.

Also, if you aren't already in the habit of writing down your particular airplane setup, begin now. Knowing where you started from makes things a lot easier when you are at the field tweaking everything. And don't forget to date your lists. The important idea is to keep a record of where you are, so you can more easily figure out where you went. →

---

# MMM Meeting Minutes

07 April 2009

The Muroc Model Masters meeting was call to order at 6:16 PM by President Ron Scaggs. The meeting was held at the Rosamond Skypark home of Floyd Mathews. There were eleven members in attendance. The March 2009 minutes were read by President Ron Scaggs, and moved they be accepted by Charlie Threewit and seconded by Steve wells. Treasures report was given by our Treasurer, Charlie Threewit. Lou Figueroa moved they be accepted and Rob Marraccino seconded it.

## OLD BUSINESS:

Flight Box: We discussed having a work party and finishing the door, taking it out and putting it in the ground before it turns hard as concrete. Need a wind sock and a pole to install it to.

## NEW BUSINESS:

AMA membership drive is April 1<sup>st</sup> until September 24<sup>th</sup>, 2009. AMA sent tickets to the RCX show at the Pomona Fairplex on April 18<sup>th</sup> and 19<sup>th</sup>.

We discussed restriping the field. We have materials and machine required for the job. Need to firm up dates for (here it is again) a work party.

There was a float fly in Visalia on March 21<sup>st</sup>. The guys that went said it was really good.

Membership attendance for the April 2009 meeting is as follows:

Ron Scaggs, Charlie Threewit, Jerry V. Rice, John Sturgeon, Robert Marraccino, Floyd Mathews, Steve Wells, Harold (Jeff) Jeffries, Robert Smith, Lou Figueroa, Cary Hughson.

The meeting officially closed at 6:52PM it was moved that it be closed by the majority of members in attendance. The next meeting will be May 5 at Floyd Mathews' house at 6pm.

These minutes of the Muroc Model Masters are submitted by Secretary, Jerry V. Rice - 21<sup>st</sup> April 2009.

