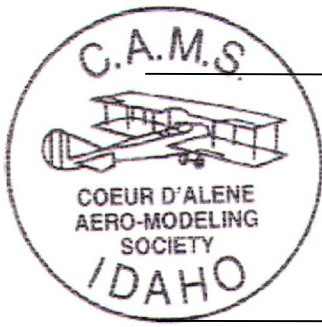


APRIL 2010

Aero Modeling Since 1968



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# Prairie Flyer

The Official CAMS Newsletter

P.O. Box 2073, Hayden Lake, Idaho 83835

### 2010 Officers

President.....	Loren Hall	208-666-1079
Vice President.....	Stan Allison	208-699-6290
Secretary.....	Dennis Edelbrock	208-772-2295
Treasurer.....	Roger Radermacher	208-457-1495
Trustee.....	Steve Astlund	208-773-6597
Trustee.....	Tom Lyman	208-777-9112
Trustee.....	Bob Rosie	208-762-5998

### Appointed Positions

Safety Officer.....	Jerry Mudge	208-692-9592
Membership.....	Loren Hall	208-666-1079
Hwy Cleanup Ch.	Bob Scott	208-667-8295
Field Marshal.....	Phil Clements	208-772-3267
Webmaster.....	Loren Hall	208-666-1079
Newsletter Editor...	Stan Allison	208-699-6290

## MEMBERSHIP MEETING

**APRIL 7TH**  
**SHEPROCK HANGER 7:00 PM**  
See U there!

### Upcoming Events

May 8th, Field Mowing and Spring Field Cleanup - Volunteers desperately needed.

MAY 29TH, CAMS Spring Fling Bar-B-Que at CAMS Field, Open flying.

MAY 29th, All Bug Fly-In at Baron's R/C Club Field, Deer Park, WA

**Notice! Lost at CAMS Field, Blue Mini Swiss Army Knife. Please call: Roger Radermacher, if you found it.**

### BOD MEETING

The next BOD meeting will be held on Thursday, APRIL 22nd

Dinner starts at 6:00 p.m. and the Meeting starts at 7:00 p.m.

Elmer's Restaurant 300 W. Neider Ave., CDA

All members are welcome to attend.

### April Meeting Agenda

- ✓ Welcome Guests
- ✓ March Meeting Minutes
- ✓ Reports
- ✓ New Business:
  1. Update Field Rules
  2. Li-po batteries
- ✓ Show and Tell
- ✓ Old Business:
  1. Hat and Tee Shirt Order
  2. Fuel Order
  3. Events
- ✓ Raffle

Note From the Prez.

Although Jerry Mudge is the Safety Officer, my note this month is regarding a safety issue. With more and more of us all the time getting into battery powered flight, the charging of Li-po batteries has become a definite safety issue. I am hoping to have Chris Nicaastro come to the April meeting and give us a little talk on charging safety. Please try to attend.

Loren Hall

**Please fill in a new membership application, with any changes, when renewing your membership. This will help us maintain accurate membership records.**

## CAMS Membership Application

### Coeur d'Alene Aero Modeling Society (2010)

NAME: \_\_\_\_\_ AMA # \_\_\_\_\_

ADDRESS: \_\_\_\_\_

CITY: \_\_\_\_\_ STATE: \_\_\_\_\_ ZIP: \_\_\_\_\_

PHONE: \_\_\_\_\_ CELL PHONE \_\_\_\_\_

Email: \_\_\_\_\_ I am able to receive the newsletter on-line. \_\_\_\_\_

I would like the newsletter mailed to me. \_\_\_\_\_

Frequencies Used \_\_\_\_\_

Have you ever been a member of CAMS in the past? YES \_\_\_\_\_, NO \_\_\_\_\_. If no, new members must pay a one time only Runway Assessment Fee of **\$60.00**. No Assessment for Junior Memberships

Membership dues: **\$50.00** for adults. **\$12.50** for Junior membership (under 19 years of age).

Total due: \_\_\_\_\_ Payment by Check made out to CAMS, along with this form should be sent to:

CAMS PO Box 2073, Hayden Lake, Idaho, 83835.

**Non-flying members are not required to have an AMA card.**

I intend to be a non-flying member Yes \_\_\_ No \_\_\_

Thank you for your interest and support. If you have any questions, please call: Loren Hall, Membership Chairman & President @ (208) 666-1079

# Classified Ads

## FOR SALE



### **VMAR Tomahawk - 45 \$180.00**

Outstanding flyer! (taxis on hard surface runways great - not as good on grass)  
Great condition - with the exception of a sloppy glue job attaching the canopy.

76.5" wing span

Includes ASP .61 2-stroke engine - outstanding runner

Includes onboard Volt Watch meter

I can include all 7 servos for an additional \$60.00.

I can include a Futaba R-127 receiver for an additional \$30.00

Contact Patrick Winters phone: (509) 359-6129 e-mail: [pwinters@ewu.edu](mailto:pwinters@ewu.edu)



### **Sig Kommander \$145.00**

Great flyer!

Has some dings and dents - the usual hanger rash

61" wingspan

Includes O.S. .61 two stroke engine (nearly new! mint condition!)

Includes onboard Volt Watch meter

I can include all 4 servos for an additional \$30.00.

I can include a Futaba R-127 receiver for an additional \$30.00

Contact Patrick Winters phone: (509) 359-6129 e-mail: [pwinters@ewu.edu](mailto:pwinters@ewu.edu)



### **Sig Rascal \$190.00 (\$160.00 without receiver)**

Sweet flyer!

49" wingspan

Includes AP .09 engine

Includes all 5 Hitec mini servos

Includes Hitec mini receiver (or \$160.00 w/o receiver)

Includes onboard Volt Watch meter

Contact Patrick Winters phone: (509) 359-6129 e-mail: [pwinters@ewu.edu](mailto:pwinters@ewu.edu)

Hanger 9, Ultra Stick, .40 size with OS .61 Engine, RTF with JR receiver

Twist, .40 size, with Magnum .46 Engine, RTF with JR receiver

World Models Dago Red Voo-Doo Mustang 60 size, with Saito 100, RTF w/Retracts & JR receiver

Hanger 9 Extra 260, 27%, OS 160, RTF with JR receiver Call: **Chuck Wendell for prices & info: 208-661-5363**

Dave Rogers still has several Trainer type aircraft left. Call him for particulars @ 208-691-8501

To place an ad for any RC related items either needed or for sale contact: Stan Allison at: (208) 699-6290 or E-mail at [stanallison@verizon.net](mailto:stanallison@verizon.net) (Deadline: 20th of the month)

# SAFETY CORNER

**There is no excuse for poor safety, but I hear these all the time. Think about each of these and you will realize that in each case the scenario could most likely have been avoided.**

1. I didn't know you were waiting for the pin.
2. Did you see my airplane get glitched?
3. I ain't got it.
4. I have crashed because of bad radios.
5. That airplane was always squirrely.
6. I don't know who did it, but someone must have turned on their transmitter and shot me down.
7. I just lost control; everything went dead.
8. I thought I was on the field.
9. That's that only time I ever left my transmitter on. Can you help you pick up the pieces?
10. I didn't know you were in the landing pattern, next time I'll look before I taxi out. Do you think it can be repaired?

Optional- I didn't realize I was that low when I flew over the pit area.

Be safe, have fun and GRAB SOME SKY!!

Jerry

## FIELD MAINTENANCE

Phil Clements

I'm looking for help for field maintenance this flying season. The usual organization is Three teams, Team A, Team B, and Team C. Each team consists of a minimum of five people. I would like to have six this year. We have two field mowers that are towed behind a vehicle, three push lawn mowers, and a weed whacker. The equipment is in good shape and is ready to go. Notice by looking at the schedule below that each team mows three times during the season.

We start at 8:00 am on the scheduled Saturday. We are usually finished by 9:30 to 10:00. If everyone is experienced it is closer to 9:30. That is less than two hours! There is no flying during maintenance time. It is too dangerous. There are other little jobs such as gophers and rolling the ground but those jobs get done as we go.

I would like to have three Team Captains who would unlock the storage shed and make sure things are put away. I would like to have six people on each of the three teams plus a few substitutes I can call. The biggest problems I have are people not showing up and not having a Team Captain. If I have to miss a day with no Team Captain, things really get screwed up.

Recruitment: The first way to recruit is just start down the membership list and recruit over the phone. The second way is to have you e-mail me. Look under Contact on the CAMS website or call me at:(208) 772-3267. If I don't hear from you, you'll hear from me.

### Here is the schedule for summer 2010:

May 8th	Spring Cleanup
May 22nd	Mow, Team A
June 5th	Mow, Team B
June 19th	Mow, Team C
July 3rd	Mow, Team A
July 17th	Mow, Team B
July 31st	Mow, Team C
August 14th	Mow, Team A
August 28th	Mow, Team B
Sept, 4 and 5	IMAC
September 11th	Mow, Team C
September 25th	Fall Cleanup

# HOW TO TRIM YOUR AIRPLANE

TRIM FEATURE	MANEUVER	OBSERVATION	CORRECTION
<b>Control Centering</b>	Fly general circles and random maneuvers	Try for hands off straight and level flight	Readjust linkages so the transmitter trim levers are centered
<b>Control Throws</b>	Fly random maneuvers	A) Controls are too sensitive or airplane feels "jerky" B) Controls are not sensitive enough or airplane feels "mushy"	If (A) Adjust linkages to reduce control throws If (B) Adjust linkages to increase control throws
<b>Engine Thrust Angle'</b>	From straight and level flight, quickly chop the throttle for a short distance	A) Airplane continues in a level attitude for a short distance B) Airplane pitches nose up C) Airplane pitches nose down	If (A) Engine thrust angle is correct If (B) Decrease engine down thrust If (C) Increase engine down thrust
<b>Center of Gravity</b>	From level flight, roll to a 45° bank and neutralize the controls	A) Airplane continues in the bank for a short distance B) Nose pitches up C) Nose pitches down	If (A) Center of gravity is correct If (B) Add nose weight If (C) Remove nose weight or add tail weight
<b>"Yaw"</b>	Into the wind, perform inside loops using only elevator. Repeat test performing outside loops from an inverted entry	A) Wing is level throughout B) Airplane yaws to right in both inside and outside loops C) Airplane yaws to left in both inside and outside loops D) Airplane yaws to the right in inside loops and yaws to the left in outside loops E) Airplane yaws to the left in inside loops and yaws to the right in outside loops	If (A) Trim settings are correct If (B) Add left rudder trim If (C) Add right rudder trim If (D) Add left aileron trim If (E) Add right aileron trim
<b>"Lateral Balance"</b>	Into the wind, perform tight inside loops using only elevator	A) Wing is level and airplane falls to either side B) Airplane falls off to the left. Worsens as loops tighten C) Airplane falls off to the right. Worsens as loops tighten	If (A) Lateral balance is correct If (B) Add weight to right wing tip If (C) Add weight to left wing tip
<b>Aileron Control System</b>	With the wing level, pull to a vertical climb and neutralize the controls	A) Climb continues along the same path B) Nose tends to go toward an inside loop C) Nose tends to go toward an outside loop	If (A) Trim settings are correct If (B) Raise both ailerons very slightly If (C) Lower both ailerons very slightly

\*Engine thrust angle and center of gravity interact. Check both.

\*\*Yaw and lateral balance produce similar symptoms. Note that the fin may be crooked. Make certain both elevator halves are even with each other and that they both produce the same amount of control deflection throughout the complete deflection range. Right and left references are as if you were in the cockpit.

# SPONSORS

## **AVONDALE DENTAL**

1683 Miles Ave.  
Hayden Lake, ID 83835  
Phone: 208-772-4066

## **BARWALT TOOL**

5255 E. Seltice Way  
Post Falls, ID 83854  
Phone: 208-765-3187

## **BOB SCOTT REALTOR**

1924 Northwest Blvd.  
Coeur d' Alene, ID 83814  
Phone: 208-665-1212

## **CUT & BUZZ BARBER**

3655 N. Government Way  
Suite 10  
Coeur d' Alene, ID  
208-699-7402

## **EDWARD JONES HAYDEN**

8475 Government Way #101  
Hayden, ID 83835  
Phone: 208-762-5955

## **GREENSTONE HOMES**

1421 N. Meadowwood Lane  
Liberty Lake, WA 99019  
Phone: 509-458-5860

## **HILL CONCRETE**

2570 W. Highway 53  
Rathdrum, ID 83858  
Phone: 208-687-5950

## **INTERLAKE PHARMACY**

700 Ironwood  
Coeur d' Alene, ID 83815  
Phone: 208-664-6664

## **KLEIN'S HOME IMPROVEMENT KOOTENAI ROOFING**

P.O. Box 3002  
Hayden, ID 83835  
Phone: 208-772-7734

831 N. 6th Street  
Coeur d' Alene, ID 83814  
Phone: 208-667-0736

## **LIBERTY TIRE**

3253 E. 1st Avenue  
Spokane, WA 99202  
Phone: 509-535-8008

## **MARSHALL MEND REALTY**

W. 157 Hayden Ave.  
Hayden, ID 83835  
Phone: 208-765-7653

## **TAYLOR STRIPING AND COATING**

Box 676  
Hayden Lake, ID 83835  
Phone: 208-699-2979

## **NORMS DETAILING**

8655 Government Way  
Hayden Lake, ID 83835  
Phone: 208-772-0188

## **PERFORMANCE R/C HOBBIES**

2928 N. Government Way  
Coeur d' Alene, ID 83815  
Phone: 208-676-9616

## **RELIABLE ELECTRIC**

10118 N. Taryne  
Hayden, ID 83835  
Phone: 208-687-0467

## **ROBIDEAUX MOTORS**

351 W. Dalton Ave.  
Coeur d' Alene, ID 83815  
Phone: 208-664-8292

## **RUSTLERS RESTAURANT**

Hayden Ave. & Hwy 95  
Hayden, ID 83835  
Phone: 208-772-6613

## **S & S LANDSCAPE**

802 Best Ave.  
Coeur d' Alene, ID 83814  
Phone: 208-704-0374

## **T & L MINI STORAGE**

3855 E. Poleline Ave.  
Post Falls, ID 83854  
Phone: 208-773-4595

## **WELLS FARGO BANK**

301 E. Sherman Ave.  
Coeur d' Alene, ID 83814  
Phone: 208-769-1012

## **WEB SITES OF INTEREST**

(Check out these web sites: from CAMS members)

<http://microfasteners.com> Great source for micro. Nuts, screws and bolts at pennies apiece.

[www.aerodrome.com](http://www.aerodrome.com) Good source for small vintage type kits.

[www.ramrcandramtrack.com](http://www.ramrcandramtrack.com) Source for miniature lighting and sound affect modules.

Membership Meeting  
Minutes  
March 3, 2010

President Loren Hall called our meeting to order at 7:00 p.m. 25 members in attendance constituted a full quorum.

1. Review of minutes. Approved as printed and seconded. No discussion.
2. Treasurer's Report: Loren Hall read the treasures report and stated that we have 63 members paid up for 2010.
3. Phil Clements Talked about field maintenance. May 8<sup>th</sup> is an ALL HANDS Spring cleanup and repair at the field. This means EVERYONE! Phil is asking for ALL the members to sign-up for the mowing teams. He wants a minimum of 3 teams of 5 people each. He also needs team Captains for each team.
4. Loren Hall has contacted the AMA office for help on the Avista Power Line issue.
5. Loren Hall passed out the fuel order form for all members to fill out with their desired number of gallons of fuel for the fuel order buy. The fuel order will be placed March 15<sup>th</sup>.
6. Question was asked if we would have a fun – fly after the field cleanup on May 8<sup>th</sup>?
7. Loren asked for volunteers to be in charge of the cooking at the field for the year. Chuck Wendell and Randy Severson stepped up.
8. Loren brought up the subject of CAMS T-Shirts and Hats order. He talked to Monogram Plus about our order and found out the cost of the t-shirts with a pocket was \$5.00 per shirt more than without. The membership voted to order t-shirts without the pockets. Those who want shirts with pockets or any other special item will need to contact Monogram directly. New style hats will cost \$9.00 each. Order will be placed March 15<sup>th</sup>.
9. Loren showed his 102” wingspan 3-3/4 lb powered glider.
10. Phil Clements demonstrated the technique of balsa stripping and various instruments to do same. This allows the modeler to make little pieces out of big ones.
11. Stan Allison showed us some brochures he picked up at the WAAM museum. If you're taking a trip that way you should stop a take a look at the aircraft and old cars on display.
12. Stan also passed out some Mulligan Bucks for those of us that attended the Christmas dinner.
13. Loren also brought up about the new store in town called Batteries Plus that only has batteries and chargers. They will make up battery packs.
14. Loren reminded everyone about the Quiet Flyers swap meet on the 13<sup>th</sup> of March.
15. Loren would like to work over the Field Rules to remove outdated stuff and add new.
16. Remember; Pay your 2010 dues –BEFORE you fly.
17. Raffle:

Gift Certificate	Joe Cheesman
White Monokote	Tom Lyman
Spinner	Loren Hall
Angle Measurement Tool	Bob Gott
16oz Dubro Fuel Tank	Vince Rainier
DVM/Load Meter	Jerry Fulleton

End Of Minutes