



AMA Charter 1344
Gold Leader Club

Hangar Talk

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From the AMA

Hawker Hurricane

This is the first newsletter of 2012 and my first report as president. Thanks for placing your trust in me. My goals are simple: Continue doing the things club members enjoy and maintain our airfield as one of the premier flying sites in Colorado.

Our annual Snowbird event was the best attended anyone could remember with over 20 pilots vying for the coveted traveling trophy. Milo had the best time and will have the honor of displaying it in his home for a year. I convinced him to fly at the last minute and he turned in the best time. Sorry Milo. A big thanks to everyone that brought food and helped cook. A great time was had by all. As I reported at the January meeting, the storage sheds at the airfield were broken into and we lost some valuable items including the 5kw generator, the large spool of extension cable, several gas cans and quite a few tools. We called the Adams County Sheriffs department and an officer came out to take a report. Earl has replaced the hasp and lock on the large shed and also some of the tools. Thanks Earl.

We talked about a few of the 2012 upcoming activities at the January meeting.

Aeromodeling Expo @ Wings Over The Rockies on February 25. MAS will have a booth at the show and many members are signed up to attend and man the booth.

Spring cleanup at the MAS Airfield – April 21. We will put together a list of chores and post it at the field. If you see something specific that needs attention, please let me or one of the board members know about it. The weather alternate date is April 28.

2nd Annual Lamar Steen IMAC event – May 5 and 6. The AMA sanction has been submitted and we are registered on the IMAC website.

Annual family picnic (pot luck) – June 9.

Adams County Fair – August 1-5.

Annual Kids Day Event – August 11.

Steve Graham and I attended the AMA district 9 Denver Metro Area Council Meeting on December 3rd.

It was a good meeting with most of the area clubs represented. I am sending Bruce Ream's notes from the meeting to Gary for inclusion in the newsletter. There is news on the AMA website concerning the FAA, the U.S. Congress and Model Aviation. From the website: "On Monday, February 7, the U.S. Congress passed the FAA Modernization and Reform Act, H.R. 658. Passage of the Bill puts in place a provision aimed at protecting model aviation from burdensome regulation." Visit the AMA website for more details. I am looking forward to a great year at MAS and a great year of flying and enjoying this wonderful hobby. Please keep in mind that your participation in club activities is vital to our success and allows all of us to enjoy the hobby more. We are blessed with a lot of talented members that are willing to help new members and each other. Together we can tackle any project and see it through to completion. With your help this will be a great year for everyone.

Larry

Upcoming meetings and events

Dues are Due..

Meeting February 12th

January Meeting Notes

As you know, Larry Ott is our new president. This was his first meeting holding the office. Larry's first item was to thank Larry L. for his service to the club.

Larry L. gave a rundown of last year's events and said that he thought we had a good. From all of us Larry, thanks for doing so much for the club.

Next, we had the yearly drawing. You get entries for this by coming to meetings and performing Work Bond duties. For every meeting and club event you come to, you get an entry. This year, the winners of the prizes were:

Herb V. - \$100

Ron M. - \$50

Lee O. - \$25

As mentioned at the October meeting, the FAA rules proposal has not come out yet. It has been delayed again and is now supposed to be this "Spring". It's not clear what date that means.

Larry O. brought a couple of his foam combat planes to show to the members. If you'd like to build one, Larry has the foam and accessories needed. They are really cheap, so it's not a big investment. Some guys have been flying combat at the field lately if you're interested in what the sport is like.

If you hadn't heard, the club was robbed again. It was discovered about 2 weeks ago, but it is not clear exactly when it happened. Both sheds were broken in to. The generator and PA system wire were taken. Also, some tools and gas cans. Interestingly, they broke into the small shed but didn't take anything. The mowers are there and ok. The sheriff was called and a report was filed. There was some discussion on replacing the items. For now, we won't purchase anything. Dennis volunteered to bring out some tools for us and Earl bought a socket set. Larry L. has volunteered to bring out a generator when we need it.

Larry presented a tentative calendar for 2012:

February 25th - Musuem show at Lowry

April 21st - Work Party

May 5th and 6th - IMAC contest

June 8th and 9th - Club Picnic

August 1st - 5th Adams County Fair

August 11th - Kids Day

District IX VP Norm Berger is trying to get District IX events together on website. If that gets up and running, out events will be on there.

George has done all paperwork for the club to be a Gold Leader club. This was discussed last year and the consensus then was that we didn't want to bother. George and Larry will take care of it this year.

Adams County Fair - Dennis already has paperwork. It will be August 1-5th. The members want to fly this year if it we get on the program. In past, we planned to fly and then nobody shows-up to watch. As usual, it \$340 for the booth and power. Motion to do it passes.

If you want to help with the Lowry museum show, call Larry F. to sign-up before Feb 16th. Show-up at 8am to 10am to bring in planes. Back of hangar. North side. The club gets one table and two chairs. If you want to be there, bring a chair or you'll sit on the floor.

Bob S. mentioned that Maury Kaiser died to two days before the meeting. He was a past member. Also, we learned that Robert Nichols also passed away last August. The club sends our condolences to the families.

As of this writing, we won't have access to fuel for a monthly drawing anymore. That might change, but for now, we're using the gift certificates that were purchased last year. Larry O. Won for this month.

Denver Metro Area Council Meeting 12/3/11

Hi One and all:

Because of the bad weather many of you could not make it to the meeting yesterday. Totally understandable.

I thought I would give everybody a brief synopsis of what went on at the meeting and hopefully next spring when we meet the weather will be more favorable. The following is the outline of what we discussed.

1. We talked about the events calendar. Norm Berger who is the webmaster for the Dist IX website is willing to keep a calendar of events on the site. Everyone should get their events to Norm so he can add them to the site. It was discussed about the events being sanctioned in order to be on the site. In an effort to let everybody know what is going on it was left up to clubs on what events they want on the site. They don't have to be sanctioned events.

2. Norm Berger gave a report on Spectrum radio problems. He explained what he believes to be the problem. He has made Horizon Hobbies aware of the problem and to make a long story short they are not doing much to solve the problem and he cautioned everyone to be careful before flying Spectrum 2.4. Call Norm if you would like to know more. Too technical for this writer.

3. We talked about this years Fun Fly, hosted by Arvada Club and headed up by Jim Manley. Everybody thought it was a great success. 57 pilots, some from as far away as Grand Junction. We have decided to do it again next year and it will be hosted by Air Park Elite. Tom Neff volunteered to run the event. AMA will donate some prizes and food will be a donation like this year. Talked about a traveling trophy for the club who wins the contest.

4. It seems that the Denver Metro Area Council (DMAC) has a treasury of \$463.00. We discussed adding to this ,spending it or leaving it in the bank. We will be taking up this item at future meetings.

5. I talked about how important it is to every club to have a field. Each year many clubs loose their fields for a variety of reasons. We talked about who actually owns our fields and find that very few clubs actually own the property they are on. Many are on public land, some on land leased from a private owner and some have other agreements with public owners.

We talked about how important it is to make sure that we recognize the people who let us fly on their property. The question was how do we give back to the people who are so important to us having a flying field. This lead to several ideas and discussions as to how we as a group and as clubs can be more involved with our communities and how we can give back as a whole hobby. We further talked about how we might get involved with a charity and what we could do as a group. Next meeting we will discuss this and try to reach out to the greater Denver area. The following are some of the ideas and what some clubs are doing to make the owner of their fields happy and involving the community in our hobby.

- a. A separate Fun Fly for your owner or the owners reps.
- b. Have a airshow for your community.
- c. Conduct Civil Air Patrol (CAP) training
- d. Involve the CAP in events at your field
- e. Invite Vets to your Warbird events and recognize them.
- f. Have a special day for the neighbors to your field.
- g. Have your club designate a PR person who is a officer of the club and start a PR program.
- h. Involve the Boy and Girl scouts, Events or a special day for them
- i. A booth at the county fair, especially if your flying on county property.
- j. Have a program that you can bring to the schools, High school, middle school or maybe grade school
- k. Stronger involvement with Wings over the Rockies Museum. DMAC booth? Flyer?

This was a good discussion and it could have gone on for more time so we decided that we will continue it at the next meeting so if you were not there be sure to bring some ideas for the next meeting.

6. Lora Knowlton made a pitch for the AMA convention in California and also the next Jefco auction coming up on Super Bowl weekend.

7. Tom Neff, talked about working with the CAP and what a great opportunity for clubs to involve the CAP kids in our hobby. Call Tom if you would like more information.

Bruce Ream Dist. IX - AVP

HISTORIC AVIATION

History: In 1933, Hawker's chief designer, Sydney Camm, decided to design an aircraft which would fulfill a British Air Ministry specification calling for a new monoplane fighter. His prototype, powered by a 990hp Rolls Royce Merlin 'C' engine, first flew on 6 November 1935, and quickly surpassed expectations and performance estimates. Official trials began three months later, and in June 1936, Hawker received an initial order for 600 aircraft from the Royal Air Force. The first aircraft had fabric wings. To power the new aircraft (now officially designated the "Hurricane,") the RAF ordered the new 1,030hp Merlin II engine.

The first production Hurricane flew on 12 October 1937, and was delivered to the 111 Squadron at RAF Northolt two months later. A year later, around 200 had been delivered, and demand for the airplane had increased enough that Hawker contracted with the Gloster Aircraft company to build them also. During the production run, the fabric-covered wing was replaced by an all-metal one, a bullet-proof windscreen was added, and the engine was upgraded to the Merlin III. Before WWII, production locations expanded to include Yugoslavia, Belgium and in 1940, Canada, where it was undertaken by the Canadian Car and Foundry Company.

August 1940 brought what has become the Hurricane's shining moment in history: The Battle of Britain. RAF Hurricanes accounted for more enemy aircraft kills than all other defenses combined, including all aircraft and ground defenses. Later in the war, the Hurricane served admirably in North Africa, Burma, Malta, and nearly every other theater in which the RAF participated.

The Hurricane underwent many modifications during its life, resulting in many major variants, including the **Mk IIA**, with a Merlin XX engine; the **Mk IIB**, with interchangeable wings housing twelve 7.7mm (0.303in) guns and carrying two 500lb bombs; the **Mk IID**, a tankbuster with two 40mm anti-tank guns plus two 7.7mm guns; the **Mk IV**, with a universal, multi-purpose wing, and powered by a 1,620hp Merlin 24/27 engine; and the Canadian-built **Mk XII**, with a 1,300hp Packard Merlin 29 engine. During the war, Hurricanes were sold to Egypt, Finland, India, the Irish Air Corps, Persia, Turkey, and the USSR. The Hurricane was undoubtedly one of the greatest and most versatile fighter aircraft of WWII, and it remained in service with the RAF until January 1947.

Nicknames: *Hurry; Hurribomber* (Malta-based Hurricanes)

Specifications (Mk IIB):

Engine: 1,280hp Rolls-Royce Merlin XX 12-cylinder V piston engine

Weight: Empty 5,500 lbs., Max Takeoff 7,300 lbs.

Wing Span: 40ft. 0in.

Length: 32ft. 2.5in.

Height: 13ft. 1in.

Performance:

Maximum Speed at 22,000 ft: 342 mph

Cruising Speed at 20,000 ft: 296 mph

Ceiling: 36,500 ft

Range: 480 miles

Armament:

Twelve 7.7mm (0.303in.) wing-mounted machine guns

Two 250 or 500-lb bombs

Number Built: 14,231

Number Still Airworthy: 6



2012 Club Officers

President **Larry Ott**
Vice Pres **Jeff Griego**
Treasure **Tom Glaess**

Board **Earl Keffer**

Board **Steve Graham**

Board **Lee Overholt**

Field Maintenance

Newsletter Editor **Gary Hodges**
gbhodes58@msn.com

Web Page
<http://www.miniatureaerosporters.org>

Serving the Northeast Denver Area the Miniature Aero Sportsters flying site sits on 48 acres with a 500 foot paved runway. The club is open to all who have a current AMA membership. The Miniature Aero Sportsters consists of a group of individuals with a common interest in radio control aircraft. Club meetings are on the 4th Thursday of the month at Gander Mountain Sporting Goods located at 9923 Grant Street Thornton , CO. Meetings start promptly at 7:00 pm. All M.A.S. club members are encouraged to attend meetings, and to become actively involved in the club's activities

The first year there is a once a lifetime \$125 initiation fee charged to all new members. Every year after that Annual membership dues are \$90.

For membership information check out our web page:

<http://www.miniatureaerosporters.org>



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All articles or items of interest should be submitted to me by the 1st Wednesday of the month. Newsletter editor (that's ME) reserves the right to accept, refuse and edit all articles submitted for publication. Articles or items submitted after the deadline will be included in the following month's newsletter. Send or deliver articles to:

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Published articles reflect the author's opinion and may or may not reflect those of the club in general, its officers, or the newsletter editor.