

Light Sport / GA & Ultralights

www.illowasportflyers.com

Illowa Sport Flyers Club Newsletter

Dennis McAllister– President
Kathy Sattizahn– Vice President
Kathy McAllister – Secretary
Dennis Baber - Treasurer
Dennis Dyer – Newsletter & Web Editor
Jim Robinson - Brian DeWitte
Jim Abbott - Public Relations
Steve Bornhoeft - Sergeant At Arms

October 2010



ILLOWA SPORT FLYERS

At Erie Airpark - (www.erieairpark.com)
8701 Star Road – Erie, IL. 61250-9772

A Non Profit Flight Safety Organization.

Erie Airpark (18-36) RF 122.9 / 3H5 800' Pattern Alt.
41°41.10N 090°04.79W - GPS

Next Meeting
October. 2, 2010
9:00 A.M.

"Think as you work, for in the final analysis, your worth comes not only in solving problems, but also in anticipating them."

Marilu and I had a very nice flight, Saturday morning, of 1 1/2 hrs. We flew from Galesburg up to Orion, around the town, around Lynn Center and Larson field. When we got back I got a phone call from a fellow worker. He's a physical Therapist and lives a very short distance to Davenport airport. When he called he was an hour away (probably home) and wanted to know if I was at the hanger and if I could stick around so he could "see" the plane. Long story short (er) I took him up at 12:15pm. I warned him about the thermals, but he had no complaints. If he said the word "COOL", once he said it 20-25 times. When we landed he said "Thanks for my birthday present!" His wife had asked him what he wanted for his birthday...he said, "I want to see if Ted is at his hanger and take me for a ride". Marilu took several pictures and three movies. One of us taxi and departure, one of us landing, and one of us taxi back to the hanger. The wave and smile from the back seat was worth it all. It's a blast to put a smile on someone's face, by taking them for a ride!
Fly Safe!
Ted Wink



2010



27th Annual
Challenger Anniversary
Sept. 18, 2010
At Erie Airpark
Erie, Illinois

Dawn Patrols scheduled:

October 3rd Ted & Marilu Wink at Larson Field, Orion.

October 9th Ed & Mary Jane Vens Calamus, Iowa Oct. 10 rain date.



What is Max Gross?

I see this all the time in aviation mags. Max gross, 1320. OK if that is the magic number we have to live with as a sport pilot (ex. 254 for UL's) then lets have a look at the numbers of 2 aircraft. The Challenger II and the RV12. I know the Challenger II and I just finished reading about the RV12.

What sticks in my mind is "useful load". My Challenger weighs 500 pounds and has a max gross of 980 pounds. That tells me that I can have 10 gallons of fuel, 60 pounds, and still have room for 2 at 420 pounds or 210 each. I think I have the math right. OK, I am 200 so I can fly with a 220 pound passenger. Not bad. I can also do this for about a 25 grand investment, and burn 3.5 gallons of fuel per hour, and cruise at 75 MPH. OK still fun and affordable. Lets have a look at the RV12. Max gross is 1320. EW 740, fuel 20 gallons, that's 120 pounds. That gives us a total flight ready weight of 980. Now with 2 on board, they have to weigh 170 pounds each to stay at the max gross. How many pilots in our club weigh 170 or less? How many pilots have you met that weigh 170 or less? Granted if you could find 2 pilots at that weight the plane will do 100 MPH (VNE is 120) and burn 4 Gallons per hour and it would only cost you 60,000 thousand dollars.

I have been looking at some of the other Sport planes out there and can't help but think of this. (I started looking at this while I was at Oshkosh) I have seen some 2 place planes out there that should be a 1 person plane. After doing the math. I guess if we want to fly LSA planes we should start dropping some weight while we look around.

Maybe the money I save loosing weight I could use as a down payment on a 70 thousand sport plane. One more thought...Shouldn't a plane used for fun cost about the same as a 3rd car or motorcycle anyway? Oh well for my weight, and money spent, my Challenger II looks pretty good. And I can fly it at 200 pounds and still bring a friend.

Next month I will take a closer look at the Ultra Lights,
Fly safe,
Jim, at an erie place.



The Illowa Sport Flyers Club #188 is a voluntary membership organization of the PARTICIPANTS AND SUPPORTERS OF LIGHT SPORT AVIATION. CLUB #188 as a private non-regulatory organization which has no legal authority to regulate or control individuals or corporations, cannot be held liable for any flight operation that results in injury of death to any party. ALL REFERENCES BY THE CLUB #188 TO SELF-REGULATIONS REFERS TO EACH INDIVIDUAL PERSON REGULATING FOR HIM OR HER SELF.

The DeWitt, IA branch of the club seems to fly every Sunday Morning, they fly out of Marty Spies airstrip. *Marty Spies Airstrip IS 6 MILES WEST OF ELVIRA ON THE NORTH SIDE OF THE HARD ROAD. LAST PLACE ON THE NORTH BEFORE THE FIRST CURVE TO THE NORTH.*

W 41°-51.53' & W 090°-28.96'

HE HAS HEATED SHOP W/BATH-ROOM.
RUNWAY RUNS NORTH-SOUTH
AND MOWED IN A BIG ARROW. THE WIND SOCK HE HAS IS WAY UP ON EAST SIDE OF RUNWAY. OR IF THEY FIND DEWITT IA, I'TS ABOUT 3 MILES NORTH-EAST. 563-659-3095 HOME/DAY WORK 563-659-2866
Feel free to contact Marty for details on flying in. Marty mlscspies@gmtel.net

Friday evening fly-In dinner will be starting up again this year at Clinton Airport



**2009 Board of Directors Meetings scheduled : February • May • August • October At 8:00 A.M. just prior to club meeting.
Illowa Sport Flyers Club #188:**

Board of Directors: Dennis McAllister-Pres./ Kathy Sattizahn-V.P./
Dennis Baber Treasurer/ Kathy McAllister-Secretary / Dennis Dyer
Web& Newsletter Editor Kevin Lee, Hildred Williams.

On Saturday, September 11, 2010, at the ISF club meeting there was a question about the items needed during a RAMP CHECK.

Below is a list that I compiled for a pilot with a Recreational License and flying a LSA aircraft.

The items listed here are based on an article in the June and July EAA SportAviation magazine.

Pilot Documentation:

1. Pilot Certificate
2. Current Medical Certificate (Drivers License for Recreational Pilot)
3. Log Book to be produced in 3 working days.
4. Photocopy of Logbook Endorsements for Recreational Pilot
 - A. ATC Endorsement
 - B. Cross Country Endorsement
 - C. Biennial Endorsement

Aircraft Documentation:

1. N-Number certificate
 2. Aircraft Registration
 3. Flight Manual and/or Pilot Operator Handbook
 4. Appropriate Aeronautical Chart
 5. Aircraft Markings
 6. Aircraft Placards
 7. Photocopy of aircraft's last annual
 8. Weight and Balance
 9. Equipment List
 10. Radio Operator License NOT NEEDED
- Radio Station License NOT NEEDED

In addition to the documentation listed above an FAA inspector could also perform the following Aircraft Inspection.

Exterior

- 1 A. Aircraft Markings
- 2 B. Aircraft Placards

Interior

- A. ELT
- B. Seats
- C. Seat Belts

Hildred Williams

WilliamsHildred@JohnDeere.com



Friday evening at end of the runway was cook out time and bonfire. Dan Budde brought his keyboard and it was a great time for those attending. OK Jim got a little carried away when lighting the fire but it soon calmed down.



Sue Robinson attends the grill.





Jeff and Kathy Nank came down from Du-buque, IA and spent the weekend on their new Challenger II project. Next spring they will be flying, and loving it.



Steve Bornhoeft brought out his Delorean with the added "FLUX CAPACITOR installed.



Dan Budde has a nice little add on to his Challenger II. Makes repairs and inspection easy.





We had a bit of a rain delay Saturday, but it passed quickly and had a great day.



Aledo Meat Market was there to cater to anyone hungry and they were really good and man size portions.

It was overcast till noon and then there was a break and there was some flying going on.



This was taken at the cemetery at Art Pearson's funeral by Art's son-in-law and it is the best one I've seen. The fly-over was perfectly executed on a day when the weather was also perfect. The planes are flown by Dale Lindstrom, Jody Whitmeyer, Gayle Roberts and Dave Lillie in his N12, the only bi-plane. Everyone speculated that he was flying Art's N11 and at that altitude, it did look that way.

Bob Olden



Jeannie Eden stopped at the Sport Link Communications tent to pick up some radio and headset supplies. Below, Karen hands out awards, which she is very good at.



Are you a member of this club?
 The kind that would be missed,
 Or are you just contented
 That your name is on the list?
 Do you attend the meetings
 And mingle with the crowd?
 Or do you just stay at home
 And crab so long and loud?
 Do you help the club projects
 When the treasury looks sick,
 Or leave the work to just a few
 And talk about the clique?
 When activities have been scheduled
 That mean success, when done,
 And it can be accomplished,
 With the help of everyone.
 So, attend your club functions
 And help with hand and heart.
 Don't be just a member,
 But take an active part.
 Think it over, member,
 Are we right or wrong,
 Are you a working member
 Or do you just belong?

Let's all do our share and make our club most successful!!!

October Birthdays

Marilu Wink	October 2
Don Berridge	October 11
Lynn Walker	October 11
Norman Blake	October 17
William Isaacson	October 18
Karen Baber	October 25
Jed Walker	October 27



Send your and your spouse's B-Day to dennyray27@yahoo.com or bring to meeting to be published. Thanks

Food Volunteer List for 2010

Feb. - Karen & Denny Baber
 March - Sue & Jim Robinson
 April - Christine & Kevin Lee
 May - Rick DeClerck
 June - Jim & Mary Rummery
 July - Wayne Hamburg
 August - Rick Cook
 September - Jim & Mary Rummery
 October -
 November - Sue & Dennis Dyer
 December - **Ed Vens & Jeannine Eden**

Want to have first shot at the month of your choice? dennyray27@yahoo.com or 309-721-3332 \$40 reimbursement.

WARNING

We need volunteer for lunch for October. Call or email me. Dennis

Attention Club Members

Brian DeWitte (Authorized Independent Rotax Repair Center) cell phone number is 309-738-3791. Brian can pass along a discount for parts if you happen to need any. He can also help adjust those engines to peak performance.



"To take from one because it is thought that his own industry and that of his father's has acquired too much, in order to spare to others, who, or whose fathers have not exercised equal industry and skill, is to violate arbitrarily the first principle of association -- the guarantee to every one of a free exercise of his industry and the fruits acquired by it." Thomas Jefferson (1743-1826), US Founding Father, drafted the Declaration of Independence, 3rd US President

ILLOWA SPORT FLYERS is a non-profit organization that is open to membership of the general public, male and female, flyer and those who love flying. If you have a question concerning the club please feel free to call any officer: Dennis McAllister -President / Kathy Sattizahn - Vice Pres. Dennis Baber - Treasurer /Dennis Dyer - Editor Kathy McAllister - Secretary



2010 club dues are only \$25 and can be brought to the meeting or sent to:

Dennis Baber
 1022 46th Avenue
 East Moline, IL
 61244-4408

Or left with Jim or Sue Robinson at the airpark.

Life is tough ...It's even tougher if you're stupid."

John Wayne

Classified

Items or services that CLUB members would like to buy sell or trade. Send to Dennis Dyer 2601 2nd. St. Court—East Moline, IL 61244-2653 Ph. 309-755-0099 or e-mail, dennyray27@yahoo.com



Zenith Zodiac 601 HD (SP/LSA) ----- \$26,900

Total time on aircraft is 159 hours.
Cruise is 100 MPH, with 35 MPH stall on GPS (solo).
The Stratus 100 HP Subaru burns 87 oct @ 4 1/2 gal/hr. (dual Bing carb's with K&N filters).
Engine has the optional dual ignition, and optional stainless steel exhaust.
Plane has dual batteries to support the dual ignition system (all instruments have dual wiring).
Prop is a (3) blade Warp Drive ground adjustable with optional nickel edges.
VG's on wings & horz stab for better handling.
Horz stab has optional cabin adjustable trim.
Wings have optional baggage lockers.
Wing tip strobes.
All adjoining surfaces have been zinc chromated to protect from corrosion.
Cabin heater.
Cabin has canopy defroster, plus baggage area hot air exhaust fans.
Plane is equipped with AOA (reserve lift indicator).
Head sets, intercom system, and ICOM radio included.
Has (2) 55 watt landing / taxi lights.

**Contact: Kelly Meiste (815) 684-9922
or email kelly@meiste.com**

Illowa Sport Flyers

Meetings first Saturday of each month.

The ILLOWA SPORT FLYERS club #188 encourages all members to fly within their abilities. However, the ILLOWA SPORT FLYERS Club #188 is not responsible for any injury, property damage, or liability to pilots or their heirs for damages that may be incurred in their participation in these events.

www.flip-flap.com Dennis Dyer
dennyray27@yahoo.com

Universal aircraft actuator



This unit is a substantial, well designed and built device, well suited for the purpose."

Dave Goulet"

I have 10 7 of the lever action Flip-Flap flap actuators, NEW and never used that I will sell for \$125.00 each. They are the same as on the Flip-flap.com website selling for \$349.00.

The Challenger kit is only \$39.95.



Comes with full instructions and full warranty. Sure beats cranking that handle.
Dennis Dyer dennyray27@yahoo.com
309-721-3332

A great Challenger project

A new Keller nosecone. With recessed entry door for a streamlined look.

E-mail : dennyray27@yahoo.com

By Fall we hope to have a carbon Fiber unit.



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For Sale "Mitchell Benson Gyro" After over 4000 hours flying Gyros I have decided to go with a fixed wing Ultralight. I have built 12 rotarcraft. This is my last effort and it flies great!



EA81 Subaru 80 hp. Parsons redrive. 3 blade Warp Drive prop. 25 foot Dragon Wings Rotar. full inst. electric starter. With a pre rotater. Front wheel brake. and 8 gal. fuel tank and trailer. 45 Hours TT eng. and airframe.



Call Ron Mitchell 563 212 7486.

Tom Burns CFI-A FAA Certified Flight Instructor - Flight Training - Flight Review - Tail-wheels - High Performance - Complex - Light Sport - Student - Private -Commercial 563-299-5942 tburns@pcsis.net

Robert Bianchi will sell his 2 place Challenger with a 447 Rotax hangered at Erie Airpark. For all the details call Robert at 309-235-3624 or e-mail him at njbob43@aol.com (Plane behind Des)



Quicksilver Ultralight, which has a 337 Rotax engine. For all the details call Robert Bianchi at 309-235-3624 or e-mail him at njbob43@aol.com



\$2500. Not a misprint but Hurry



North Country Chainsaw
Bob Davidson
Carvings & Signs
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Phone 815-541-0230
davidson610@yahoo.com



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