



Carb Heat

Hot Air and Flying Rumours
EAA 245 NEWSLETTER Vol 37 No. 9

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Next Meeting:

Bush Theatre - National Aviation Museum
Thursday October 20th at 8:00 PM
AGM then Museum Tours by Russell Holmes

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President's Message

Late September and early October have seemed more like summer than fall, and the skies in the practice area have been busy. Here's hoping that as the temperatures fall off the skies will remain clear enough to extend our flying season as long as possible.

September Meeting Summary

At our September meeting Phil Johnson presented and narrated a collection of slides drawn from Ritz Bartoli, Bill Reed, Cary Beazley, Martin Poettcker and himself, all of who travelled in convoy to Oshkosh and shared a campsite at the fly-in. Phil also compiled a video summary of the memorial wall induction ceremony where Gary Palmer's name was added to the memorial wall itself.

Thanks to Phil for an excellent job of selecting and organising the presentation from a collection of some five hundred photos!

Calendar Offer from Oshkosh

At our September meeting I also mentioned that EAA Oshkosh is

offering a 2008 aviation calendar. Several of our members have indicated that they would be interested in purchasing one of these, so I will be circulating a sheet at the October meeting to get a count for a bulk order. If you will not be at the October meeting, please either have someone attending sign up for you, or send me an email so I can order enough for everyone.

Elections - this month

Our October meeting will be the annual general meeting for EAA 245. As every year, we will hold elections for several of the executive positions. This year we will be electing the Vice President, Secretary, Treasurer and Newsletter Editor. We have willing volunteers for each of these positions already, so please come out and show your support for those who are trying to keep Chapter 245 interesting and vibrant.

Congratulations to Jennifer and Robert Williams

The former Jennifer Hillier has organised and managed our fly-in breakfast for a number of years

and is familiar to all of us who have attended the breakfasts. On October 6th, Jennifer was married to Robert Williams at the Stittsville United Church. Congratulations Jennifer and Robert!

(Robert is involved in shipbuilding and design. Isn't this a euphemism for aircraft design? ☺)

Upcoming Meetings

The next regular meeting will be held at 8:00PM on Thursday, October 18th at the Canadian Aviation Museum in the Bush Theatre.

This will be the annual general meeting for EAA Chapter 245. We will hold elections for the Vice President, Secretary, Treasurer and Newsletter editor. After the elections Russell Holmes will show us a collection of pictures from aviation museums that he checked out both on the way to Oshkosh this year, and on his extended return from Oshkosh.

18 Oct 2007	EAA Chapter 245 AGM; Russell Holmes Museum Tours
15 Nov 2007	Advances in Electric Flight, by Gary Loubert
20 Dec 2007	No Meeting, Christmas Break

Hoping to see you all at the October meeting, and as always-
Blue Skies,
Martin

Editors comment. The picture on the front page is a Just Highlander. This aircraft was built at the factory in Tennessee by the person in the picture in 900 hours over 9 months.



Photo 2 One of the many aircraft at the EAA 288 meeting. A very nice Lancair 360.

Aviation humour

<http://www.wingsovercanada.ca/humor.html>

John's Aviation Humour Handpicked quotable humour about our favourite pastime

- ▶ Stay out of clouds; the silver lining everyone keeps talking about might be another airplane going in the opposite direction!
- ▶ Good judgment comes from experience. Unfortunately, the experience usually comes from bad judgment.

Local News

2007 EAA 245 Fly-in Breakfast

Curtis Hillier

September 2007

We had a great turn out this year. With our changes to the car parking we seamlessly handled hundreds of meals with no issues at all.

Barry Hall did the overall event this year. With event assistance

by Russ Robinson and myself, we continue to improve our ability to get everything organized and the set up and clean up time was outstanding. The number of volunteers was fantastic with two younger volunteers helping out in the start up and clean up of the

tables. Thanks to everyone who made time to help us promote our chapter.

Our yearly goal is to make the community more aware of general aviation, home building and the various programs EAA is

involved in. This year was no exception.

This year we again offered tomatoes which continue to be a big hit. We served a healthy and hearty breakfast and did not run out of anything this year. The new hook up of the grills worked flawlessly and the fresh paint made the whole assembly very professional. The food prep and

operations layout proved itself again.

The total number of meals served was over 340 and more than 50 aircraft landed for the Breakfast, truly an outstanding turn out.

The event was followed by another record clean up effort.

I guess what I enjoyed most again this year was the team climate among the volunteers where everyone had a do or die

ambition. I especially enjoyed the younger volunteers and I personally got to fly a young eagle after the clean up.

A big thanks to Barry Hall's leadership and commitment to the operations of the breakfast, and of course of our volunteers who turned the event into such a success. A last thank you to all those who have come out to share our passion for aviation.

Cold Weather Article from EAA HQ

COLD WEATHER INFLIGHT HAZARDS AND TIPS

By: Technical Counselor Dave VanDenburg (email: WA8DOF@yahoo.com)

EAA Chapter 439 (Michigan)

www.eaa.439.org

This month I would like to discuss cold weather operations by discussing some in-flight hazards and tips applicable in the winter months.

Probably the first in-flight hazard that comes to mind when we think about winter is icing. I have flown combat aircraft in a lot of areas of the world, and short of actual combat, only two things scare me in an aircraft. One is thunderstorms (which we don't see much of in the winter) and icing, which we do. If you see ice build up on your windshield or wings, change altitude or find clear air quickly. Don't be afraid to use the "E" word (emergency) to get whatever help is available from ARTCC.

If you experience a reduction in RPM (fixed pitch prop) or a reduction in manifold pressure (constant speed prop) suspect induction system icing. This could be carb ice or impact ice on your air filter. If you think you are experiencing induction system icing, apply full carb heat or select alternate air. If you have carb ice, the engine will probably run rougher (as the ice melts) but will clear up soon. I do not recommend using partial carb heat unless you have a carb air temp gauge. Partial heat may increase the carb ice problems.

If you are flying behind a constant speed prop, cycle it every 30 minutes or so to keep warm oil in the dome. A sluggish pitch change mechanism could be slow to react and result in an engine overspeed during a rapid power application. This could be real expensive (and dangerous).

Switch fuel tanks with plenty of fuel remaining in the tank. If you have a frozen valve and cannot select the full tank, you will still

have enough fuel to land safely. If you wait until the engine coughs, and then find you cannot move the selector valve, you will probably call yourself a few bad names and join the ranks of those called "Glider Pilots."

Avoid power off letdowns. A high speed, idle, descent can result in very rapid cooling of your engine (shock cooling) and cracked cylinder heads. Lycoming recommends a maximum temperature change of 50 degrees F per minute. Keeping the engine leaned until you are approaching pattern altitude can also help keep your engine temps up.

After landing, run your engine at a low power setting for several minutes prior to shutdown. This also promotes slow cooling and will reduce oil cooking if you are turbo supercharged.

Lastly, I highly recommend you carry some form of survival kit. It would really stink to survive an off airport landing and then freeze to death before someone found

you. Some of the things I recommend are space blankets, some duct tape, matches, an aluminum cup, knife, freeze dried coffee, tea, signaling mirror (a CD works great) and warm clothing to include a hat and

gloves. Also carry a hand held radio.

These have been just a few ideas to consider when flying during the winter months. Lycoming has some cold weather tips in their book "Key Reprints." This book is available free online at

www.lycoming.textron.com.

Your POH is also a great source of cold weather operating tips.

Winter flying is fun and can be just as safe and enjoyable as summer, if we take a few precautions.

Mark your Calendars:

Some items have been copied from the COPA Flight and the EAA website.

October 14, Stirling, ON: Oak Hills Flying Club, Airport CPJ5. BBQ and 2nd Annual Fly Mart from 10 a.m. to 14:00hrs. Come and enjoy George Workman's famous "Pork Pull" on a bun, plenty of baked beans, salad and beverages. Bring your items for the Fly Mart table, no charge. Free overnight camping, cheapest fuel in Ontario. Contact Jim Davidson at 613-962-1055.

October 20, Oshawa ON: Located Oshawa Municipal Airport, the Enterprise Airlines Hangar. Fall Fly-In BBQ, hosted by National Aviation Insurance Brokers LTD, from 10:00 a.m. to 4:00 p.m. Contact Bill or Laine Davidson 1-800-463-0754.

October 20, St-Hyacinthe, QC: We are inviting all your members to a presentation at the hangar of Air Marcel in St-Hyacinthe CSU3,

starting time 14H00. For more information please contact Marcel Deschamps, project manager 800-975-4456, www.cf-cpa.ca.

November 24, Kingston, ON: Kingston - 11th Annual Aviation Christmas Dinner to be held at the Italo Canadian Club in Kingston. Cocktails 5:30, Dinner 7p.m. For info and tickets, please contact Lois Tisdale at 613-548-3753 or by email at tisdalel@kingston.net.

FOR SALE

Place your ads by phone with Bill Reed 613-831-8762 or e-mail to bill@ncf.ca
Deadline is first of the month. Ads will run for three months. You may request a two-month extension. Please let me know if any of the articles have been sold.

<u>For Sale</u>	
Your ad could be here	

<u>For Sale</u>	
2 gallons of MEK 09/07 Call Bill 613-259-2605	\$35.

<u>For Sale</u>	
David Clark H 10-40 headset 09/07 Call Bill 613-259-2605	\$150.

<u>For Sale</u>	
Like new. Smith AWI acetylene welding torch and tips - 201, 203, 205. 0507 Call Bill 613-259-2605	\$150.

<u>Wanted</u>	Free
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If anyone has a used computer that they would like to donate to the chapter we will put it to good use. We are attempting to put a computer in the chapter lounge and have a connection to the Nav Canada site for weather information, It could also be used for filing flight plans.

Articles wanted

I am always interested in receiving submissions for this, your Newsletter. You may bring articles to the monthly meetings, or mail information to the post office box, or email [bill at ncf dot ca](mailto:bill@ncf.ca)

Newsletter Deadlines

Deadlines for articles and for sale/wanted ads will normally be 2 weeks before the next meeting.

A short example follows:

- Meeting date – 2007 Newsletter deadlines
- November 15th – November 1st
- December – Jan (December shifted to January 2008)
- Meeting date – 2008 Newsletter deadlines
- January 17th – Jan 3rd
- February 21st – Feb 7th
- March 21st – Mar 6th
- April 17th – Apr 3rd
- May 15th – May 1st
- June 19th – June 5th
- July 14th – June 30th
- August – no newsletter
- September 18th – September 4th
- October 16th – October 2nd



EAA Chapter 245 Membership Application

NEW: ___ RENEWAL: ___ DATE: ___/___/___
 EAA NUMBER _____
 EXP Date: ___/___/___
 NAME: _____
 ADDRESS: _____
 CITY/TOWN: _____
 PROV: _____ .PC: _____
 PHONE: (___) ___-___ .H (___) ___-___ .W
 EMAIL: _____
 N/L DISTRIBUTION Preference: email ___ post ___
 AIRCRAFT & REGISTRATION:

OTHER AVIATION AFFILIATIONS:
 COPA: ___ RAA: ___ UPAC: ___
 OTHER: _____

Annual Dues: January 1st to December 31st. (prorated after March 31st for new members/subscribers).

- Newsletter subscriber ___: \$35.00 Newsletter only
- Associate Member ___: \$35.00* Newsletter plus Chapter facilities
- Full Member: ___: \$70.00* Newsletter, hangar, workshop, tiedowns. (Note: there is a one time \$200 initiation fee when you become a Full Member)

*Note Associate and full members must also be members of EAA's parent body in Oshkosh WI, USA

Make cheque payable to:
 EAA Chapter 245 (Ottawa)
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 Ontario, K2M 2C3