



Carb Heat

Hot Air and Flying Rumours

EAA 245 NEWSLETTER Vol 38 No. 4

Published by EAA Chapter 245 (Ottawa)
 P.O. Box 24149 Hazeldean R.P.O.,
 Kanata, Ontario, Canada, K2M 2C3



Next Meeting:

Bush Theatre - National Aviation Museum
 Thursday April 15th at 8:00 PM

Rebel Amphibious by Andrew De Pippo

April 2008

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President's Message

By the time you read this newsletter Sun n Fun 2008 will be over and a good many of you (to say nothing of me!) will have attended the first major fly-in of the year. I hope to see many of you in Florida enjoying yourselves and browsing the new aircraft and equipment on display.

March Meeting Summary

At our March meeting Dwayne Price showed a video he produced for the sale of the Phoenix VXL, a modified Velocity with a 550HP turbine engine. Dwayne also gave us some details about the construction of the plane and the fantastic performance that it achieved. Well done Dwayne!

B & E at EAA Hanger at CYRP

The EAA Executive met for a regularly scheduled meeting at the Carp Hanger on Thursday, March 27. When we arrived, we found the hanger door open, the band saw missing, and the vertical mill at the bottom of the stairs

leading to the workshop area. We later noticed that one of the drill sets and the tap and die set were missing. From what we can determine, someone had found his way into the hanger and loaded up the band saw and some machine tools, and was in the process of trying to take out the vertical mill when he was interrupted and left. There were still wet tire marks on the hanger floor from the vehicle that had been parked right inside the hanger, so it seems that this happened shortly before we arrived at 7:30PM.

We reported the incident to the police, who informed us that someone is gradually thieving his way from Carp to Kanata, taking anything that can be readily sold. The police are on the lookout for him, but have very little information, not even the type of vehicle that is being used.

We hoisted the mill back onto the stand in the machine shop and will try to repair the broken handles after we determine whether the spindle is still true. The executive has

also decided to install a video surveillance system so that we can identify the people who enter the hanger. Until this is done, we urge all members who are driving by the area to make a quick circuit of the hanger to check on things and show activity to deter a repeat visit from the thief.

I will provide some more details and give an update at the April meeting.

EAA Homebuilder Videos Online

More and more videos of homebuilding hints are showing up on the EAA website. Check it out at <http://www.eaa.org/video/homebuilders.html>.

Upcoming Meetings

The next regular meeting will be held at 8:00PM on Thursday, April 17th at the Canadian Aviation Museum in the Bush Theatre.

This month Andy De Pippo will talk about his new Murphy Rebel and tell us how easy it was to put together.

17 April 2008	Murphy Rebel, by Andy De Pippo
15 May 2008	Ch 245 Hanger Access and CYRP Airport Development, by John Phillips
21 June 2008	First Flight Presentations, Show and Tell at CYRP Hanger Sat 10:00AM

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

Aviation humour

From AVwebFlash Volume 14, Number 11a March 10, 2008

SHORT FINAL



Overheard in *IFR Magazine's* "On the Air"

I'm a CFI who was flying into Vero Beach, Fla., and it's widely known that one of the tower controllers often flies to work. The winds were favoring the single runway, so the parallel runways were not in use, and the tower was busier than usual. While flying the pattern with a student, I heard the following:

Cessna:

"Vero Beach Tower, Cessna XXXX inbound for landing, full stop."

Tower (with what sounded like a straight face, though it couldn't have been):

"Cessna XXXX, remain clear class Delta, expect one hour delay." [*We weren't that busy, so I was shocked.*]

Cessna:

"Um, but I'm your replacement!"

Tower (now laughing):

"Oh! Cessna XXXX, report left base, runway 4!"

Local News

Nathan passed this information on about the new 406 MHz ELTs

Hi everyone,

Please note that ELTs powered from Lithium Sulfur Dioxide (LiSO₂) batteries /battery packs are now acceptable for used in Canadian registered Aircraft.

Please refer to the attached document (AMOC_LiSO₂) for more details. The Alternate Means of Compliance will be posted on the TCCA web site (<http://www.tc.gc.ca/CivilAviation/certification/elt.htm>) in the near future. Thank you for your time and help on this issue.



Fellow Aviation Enthusiasts,

As the opening event in the Ottawa Flying Club's 80th Anniversary Celebration, the Club will be hosting our popular Grass Roots Day on **Saturday May 3rd, 2008**, from 10:00 AM to 3:00 PM.

As participants in last year's highly successful **Grass Roots Aviation Day**, I invite you to join us again at this year's event, for which we expect even more participants. Many of the organisations participating are, like the OFC, volunteer driven and always in search of new enthusiastic and excited members. This will be an ideal venue to introduce other aviation enthusiasts from the area to your particular product, hobby, sport, or enthusiasm.

As was the case last year, there will be no cost, but I do ask that you register in advance so that I can allocate space for everyone. I will provide a table if you need one, and space inside the club house, in the Hangar, or even in the parking lot, to set up your display (first come, first serve). You can register by sending me an email at mike605@simplysurf.ca, through the OFC Dispatch Desk by emailing Dispatch@ofc.ca, or by

calling Dispatch at 523-2142. Please ensure I have a contact name, e-mail address and phone number so I can ensure you are aware of any and all developments leading up to this event.

We are also planning to hold a fly-in breakfast prior to this event, which we expect will engender even more enthusiasm and participation than last year; you will be advised by separate e-mail as these plans evolve.

We have requested waivers of landing and take-off fees for both events so, if you will be flying in, let me know your call sign and approximate ETA and ETD.

Everyone is welcome, so if you know of another group or organization which might be interested in attending please feel free to have them call me or let me know so I can contact them.

I hope to have media coverage and anticipate another good turnout for this event. Bring your goods to sell, your flyers, your literature, etc, but most of all bring your enthusiasm for Aviation. We will have a great day and hopefully this will help kick start a wonderful spring flying season for all. Thanks for your support and I look forward to seeing you on May 3rd, 2008!

Carpe Caelum,

Mike Brown

Ottawa Flying Club

Dear Sir/Ms

I don't believe we have met yet but I'm the Vice-President of the Ottawa Flying Club....

We have 2 major events coming up and would like your assistance if possible in promoting them.

As you may know this is the OFC's 80th Anniversary. We are planning many events in the month of may, more info to follow but the ones I am responsible for are the 80th Anniversary Wings Dinner and assisting as past Chair of the 50th Anniversary of Fly Day.

We were able to obtain Burt Rutan as our guest speaker for the May 14th Banquet being held more than likely at Cleo Banquet Hall on Cleopatra just off Hunt Club. As you know Burt Rutan is probably the man responsible for more innovations in modern aviation than anyone alive. I have attached some info for you but my question is do you have a forum or newsletter we can use to advertise this great event... we are hoping to sell 250 to 300 banquet tickets for this event.

<http://www.virgingalactic.com/flash.html>

<http://www.scaled.com/>

As well, this is the 50th Anniversary of Fly Day which is a charity Fundraiser for the Ottawa Rotary Home... every year we fly over 350 people to raise funds for this very worthwhile event. We use our club planes as well as assistance from Private owners who receive a charitable tax receipt for their time & hours and we pay for the fuel. We normally have 12 to 14 aircraft but realistically need 20 or so.... this year Fly Day is on Saturday May 31. Any way you can ask your membership if anyone might be interested and if you would have an AGM or upcoming meeting where I and a representative from the Rotary Club could come and talk about the home.

<http://www.rotaryhome.on.ca/>

<http://www.orhfoundation.ca/>

Many thanks for your help and hope to hear from you soon.

My work coordinates are below and my cell phone is 613 852 6679....

Thanks again...

Marc
 Marc R. Desjardins
 Committee Coordinator/Coordinateur de comité
 Council & Committee Services/Services au Conseil et aux comités
 City of Ottawa/Ville d'Ottawa
 110 Laurier Ave. W.
 Ottawa, Ontario
 K1P 1J1

More Local News

Submitted by Russ Robinson

EAA 245 Fly-in / Drive-in Breakfast

It's never too early to start marking your calendars for this year's Chapter Fly-in Breakfast – the date is Sunday August 10 at the Chapter hanger at the Carp Airport. Again this year, we will be looking for volunteers for the clean up/ set up day (Saturday August 9) and for the Breakfast. Please lend a hand if you can.

History of EAA Chapter 245

Wayne Griese has been compiling a history of Chapter EAA245 back to its inception in the early 1970's. He has managed to assemble many of the past editions of the Chapter Newsletter but many are still missing from the collection. If you have any old newsletters that you could give or loan to Wayne, please contact him at wayner@igs.net.

Aluminum Pop Can Recycling Program

As most of you know Irving Sloan has been running an aluminum pop can recycling program on behalf of the Chapter for more than a year. All funds raised are donated to the Chapter to cover our operating expenses. Please donate your pop cans to this program, either by dropping them off at the Chapter hanger at the Carp Airport or by bring them to the Chapter meetings at the Aviation Museum – let's all support Irving's work.

EXHAUST - from the Carb Heat Archives 20 YEARS AGO April 1988

In April, 1988, EAA Chapter 245 members were treated to a video and slides night at the NRC Building on Sussex Drive. Take Off and Landing Techniques, Wake Turbulence, Engine Operations, Owner Maintenance, Propeller Operations and Care, Propeller Safety and more, were in the program. It was reported that Charles Martel recently had his Sportsman 2+2 signed off as did Doug Richardson with his Zenith 250. Concerns

at the hangar about the volume of both flies and heat in the lounge lead to further discussions on that topic at the April Board of Directors meeting.

And in "Flight Lines" the Petersons mentioned reading an interesting profile of Wallace Rupert Turnbull, a Canadian Engineer in New Brunswick who is credited with having built the first wind tunnel in Canada and also with the invention of the variable pitch

propeller. *Look for the picture of Mr. Turnbull on your way in to our next meeting at the National Aviation Museum.*

Please let me know if you have old copies of Carb Heat to loan/donate to the Carb Heat Archives. I'm currently looking for a copy of the May 1988 issue.

Thanks to Bill Argue, Stan Acres, Gary Fancy, Terry Peters and Russ Robinson for their contributions.

Wayne Griese.

Newsletters Scanned into pdf files for Carb Heat Archives to date (28 November 2007)										
	January	February	March	April	May	June	Jul/Aug	September	October	Nov./Dec.
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Newsletters from 1999 to 2007 are already pdf files and also available on our website eaa245.dhs.org

Can you help fill in the white blanks? I have the grey issues. I'm looking for old issues of Carb Heat for our Archives. Please contact Wayne Griese at 613-256-5439 or wayner@igs.net.

Mark your Calendars:

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

APRIL

April 8th-13th, Lakeland, FL, US: Sun 'n Fun Fly-In, Activities schedule to come. For more information, access Sun 'n Fun's website www.sun-n-fun.org or call the Sun 'n Fun offices 863-644-2431

MAY

May 24th, 2008 Rideau Lakes Flying Club, Westport (CRL2), ON: Breakfast Fly / Splash in. Breakfast of ham, eggs and baked beans from 8:00 am till 1:00 pm. Transport from the Aerodrome / Waterfront / downtown available. Located at N44 40.012, W076 23.799 using 123.2 for communication. Contact # 613-273-5282.

JUNE

June 1st, Smiths Falls, ON: Fly-in Breakfast from 7:300 - 11:30 located at CYSH. For more information please contact Phil Caiger-Watson at 613-769-0406 or email phil@caiger-watson.ca. See www.smithsfallsflyingclub.com.

June 7th-8th, Haliburton, ON: Haliburton/Stanhope (CND4) Young

Eagles Weekend. Help us give local kids the thrill of flight or fly with one of your local kids up to see us! Call John Packer at 705-754-2611. Visit our website for information and current weather www.stanhopeairport.com or emailairport@halhinet.on.ca.

June 8th, Kars, ON: Summer Fly-in BBQ lunch; hot dogs/hamburgers/soft drinks, coffee. Located at N45 06 W75 38 3S 14 deg W UTC-5(4) elev 286' A5000 A5002 F-21. Runway 08/26 may be soft be aware of possible glider activity tfc123.4 5nm 3300 ASL. For more information please contact Harvey Rule at 613-739-5562, email harvey.rule@bell.ca or harvey.rule@rogers.com.

June 8th, Cobden, ON: COPA flight 124, Champlain Flying Club host their annual host their annual Fly-in breakfast from 7 a.m. until 11 a.m. CPF4 in the Supp. For info contact Larry Buchanan, lbuchan@nrlco.net or 613-638-2792.

June 12th-15th, North Bay, ON: INTERPROVINCIAL TOUR. Welcome reception and tour briefing June 12th, hosted by Flight 23 at North Bay Airport (CYYB). Stops at

Killarney (CPT2), Timmins (CYTS), Amos (CYEY), Val-d'Or (CYVO), and Rouyn-Noranda (CYUY) see attached [map](#). Further info contact Carol Cooke (English) 705-752-2223; Jacque Duprè (French) 819-824-9515

June 28th-29th, Carp, ON: 2008 Ottawa Air Show www.airshowottawa.com

JULY

July 28th-August 3rd, Oshkosh WI: EAA AirVenture 2008, the World's Greatest Aviation Celebration. Visit www.airventure.org for more information.

AUGUST

August 10th Carp (CYRP) EAA 245 Fly-in Breakfast Setup on Saturday August 9th

August 23rd -August 24th, Rockcliffe 2008 Classic Air Show Scheduled for August 23rd and 24th (Aviation Museum) <http://www.flightworks.ca/>

FOR SALE

Place your ads by phone with Bill Reed 613-831-8762 or e-mail to [bill at ncf dot ca](mailto:bill@ncf dot 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.

For Sale	
Piper PA12 03/08 Bernard L'Ecuyer 613-835-1821	
For Sale	
Your Ad could be here	

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



desperate for money and letting go of his beloved aircraft that he has spent nine years building is

Airport – DVT). Upon request, I can provide complete specs.

Even though Al has put over \$400,000 into the aircraft, he is willing to let it go to the “*best reasonable offer*”. Please pass this e-mail on to your EAA Chapter membership to see if there is anyone that might be interested. If so, my contact info is below.

Martin:

a last resort.

A friend of mine, Al, is needing help in selling his **1999 Seawind Amphibian** (see attached photo) due to a severe medical condition that is threatening his life. Because of expensive medical bills, Al is

The Seawind is in mint condition. Only 58 hours on both the airframe and engine. Fully loaded and has been in a hangar from the beginning in Phoenix, Arizona (Deer Valley

Thank you for your help.

Best Regards,

Dave Lanman

Ph: (602) 432-8356

dwanman@cox.net

AMOC LiSO2

330 Sparks Street,
Tower C, 2nd Floor,
Ottawa, Ontario,
K1A 0N8

www.tc.gc.ca

Your file Votre référence

Our file Notre référence

5012-E3

RDIMS 3960618

25 March 2008/le 25 mars 2008

To All Canadian Operators

À tous les exploitants canadiens

<p>Subject Sujet</p>	<p>CF-81-29R2 – Emergency Locator Transmitters (ELT) – Alternate Means of Compliance (AMOC) – AARDG 2008/A13</p>	<p>CF-81-29R2 – Radiobalises de détresse (ELT) – Autre moyen de conformité – AARDG 2008/A13</p>
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TCCA issued Airworthiness Directive (AD)

TCAC a publié la consigne de navigabilité

CF-81-29R1 in 1981 that prohibits the installation of lithium batteries in ELTs installed in Canadian registered aircraft. The AD CF-81-29R1 was revised to CF-81-29R2 in 1995 to restrict the ban to lithium sulfur dioxide (LiSO₂) battery types only.

However, lithium battery technology has significantly improved in the last two decades and the FAA has issued TSO C-142 and TSO C-142a standards. TCCA has determined that batteries that are meeting the TSO C-142 standard or later revisions would have an acceptable level of safety.

Accordingly, this blanket alternate means of compliance (AMOC) to the subject AD allows operators to install ELTs, containing lithium sulfur dioxide (LiSO₂) batteries, on Canadian registered aircraft as follows:

Installation of ELTs containing lithium sulfur dioxide (LiSO₂) batteries, in Canadian registered aircraft, is acceptable provided:

- a) The batteries and cells are designed and tested to meet TSO C-142 or later revisions to that standard; and
- b) The ELT model must be approved by TCCA with its LiSO₂ battery as a package and the specific model must appear on the Radio Equipment List of Industry Canada now available on Transport Canada's web site:
<http://www.tc.gc.ca/CivilAviation/certification/elt.htm>



RDIMS 3960618.pdf

(CN) CF-81-29R1 en 1981 qui interdit le montage de piles au lithium dans les ELTs équipant les aéronefs immatriculés au Canada. La CN CF-81-29R1 a été révisée par la CN CF-81-29R2 en 1995 pour limiter l'interdiction aux piles au lithium-dioxyde de soufre (LiSO₂) seulement.

Toutefois, la technologie des piles au lithium s'est grandement améliorée au cours des deux dernières décennies, et la FAA a publié les normes TSO C-142 et TSO C-142a. TCAC a déterminé que les piles qui sont conformes à la norme TSO C-142, ou aux révisions ultérieures, procureraient un niveau de sécurité acceptable.

De ce fait, cet autre moyen de conformité général à la CN en question permet aux exploitants d'installer des ELTs contenant des piles au lithium-dioxyde de soufre (LiSO₂) sur des aéronefs immatriculés au Canada de la façon suivante :

L'installation des ELTs contenant des piles au lithium-dioxyde de soufre (LiSO₂) dans des aéronefs immatriculés au Canada est acceptable, pourvu que :

- a) les piles et les éléments soient conçus et testés conformes à la norme TSO C-142, ou aux révisions ultérieures de cette norme; et
- b) le modèle de radiobalise soit approuvé d'un bloc avec sa pile LiSO₂ par TCAC et que le modèle en question figure sur la liste d'équipement radio d'Industrie Canada maintenant accessible sur le site Web de Transports Canada :

<http://www.tc.gc.ca/AviationCivile/certification/elt.htm>

Derek Ferguson

Acting Chief, Continuing Airworthiness,
Chef (p.i.), Maintien de la navigabilité aérienne

Newsletter Deadlines

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

Meeting date – 2008 Newsletter deadlines
April 17th – Apr 3rd
May 15th – May 1st
June 21st (CYRP) – June 7th
July 19th (CYRP) – July 4th
August – no newsletter
September 18th – September 4th
October 16th – October 2nd
November 20th – November 6th
December – Jan (December shifted to January 2009)
January 15th – Jan 1st
February 19th – Feb 5th
March 19th – Mar 5th



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)
Mail to - P.O. Box 24149, Hazeldean R.P.O., Kanata,
Ontario, K2M 2C3