



**NEWSLETTER**

# *Carb Heat*

Hot Air and Flying Rumours

Vol 33 No. 05

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## *MAY 2003*

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President's Page: by Gary Palmer

*Next Meeting:*

Thursday, May 15, 2003 8:00 PM

Canadian Aviation Museum

Portable Fuel Cans



**Feature Presentation**

**Partenavia Mystere S45**

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**President's Page  
by Gary Palmer**

Despite a miserable spring, we are finally starting to enjoy, dare I say, a few fine flying days. Let's hope I haven't jinxed the rest of the flying season, and we all get a chance to enjoy the local fly-in breakfasts over an all too short flying season.

**Chapter Cleanup Day Sat May 24<sup>th</sup> 1:00 PM**

The annual spring cleaning is scheduled for Saturday May 24<sup>th</sup> 1:00 PM to allow time to attend the RockCliffe fly-in breakfast in the morning. Dick Moore will heading up this project, so come prepared to do some painting and other general spruce up tasks. If you have a pressure washer that you can bring, it will help clean the hanger door of a couple of decade's accumulated grease and grime.

**First Flight Awards candidates, step forward.**

The annual first flight awards are a normal part of our June meeting. If you have had a first flight in the last year, or missed the cut off for last years awards, please contact me, preferably via email with your aircraft type, registration, and date of first flight so I can have a plaque ready for you by the June 14<sup>th</sup> meeting.

**Carp Air show planned for August 23-24.**

The Ottawa International Air Show is returning to Carp airport on the weekend of August 23 to 24, as the "**Carp Flight Fest**". The **Snowbirds** will be the featured act completed by an **F18** display, plus the **Great War Flying Museum WW1 replicas** from Brampton. **Curtis Hillier** has volunteered to co ordinate our participation in this event. I am sure Curtis can count on your assistance in making this event a success for EAA.

**Fly-in breakfast at RockCliffe (CYRO) Saturday May 24<sup>th</sup>.**

The Aviation Museum will be holding their second annual fly-in breakfast together with the RockCliffe Flying club.

**Upcoming meetings.**

Looking forward we have an interesting tentative slate of speakers and topics planned including:

<b>June</b>	Oshkosh planning meeting Saturday June 21, 10:00 AM, Carp chapter clubhouse. Also first flight awards
<b>July</b>	Martin Poettcker's CH-601 Display, Saturday July 19 <sup>th</sup> 10:00 AM, Carp chapter clubhouse. Martin hopes to be in the final assembly stage with a working engine installation. We plan a BBQ as well.

**Thursday March 20<sup>th</sup> meeting: Martin Poettcker's Custom PSRU Design**

Martin provided an illuminating presentation on the fine engineering art of designing and fabricating his own custom planetary gear reduction drive based on a Ford C6 planetary gear set. As with the Torsional Damper, the PSRU presented many unique design and fabrication challenges. Martin shared his unique solutions to each problem, and best of all showed a video showing the good, bad and ugly aspects of heat shrink fit which form a key part of his design. Martin seems to have enjoyed the PSRU project so much that he has decided to design and fabricate his own version of a POSA slide carburettor. If all goes as planned Martin will have his project on display at the chapter hanger for our Saturday July 19<sup>th</sup> meeting.

**Thursday May 15<sup>th</sup> meeting @ NAM: Partenaire S45 Mystere**

Our final meeting of the spring season at the NAM will feature the folks from Partenaire in Montreal presenting their sleek tandem seating **S45 Mystere** kit plane. The Mystere is a low wing tandem design with a pylon mounted Pusher engine, which offers superb visibility. You might want to check out their web site at <http://partenairdesign.com/> if you can't wait for the presentation. Hopefully they will make our fly-in breakfast August 9<sup>th</sup> as well.

I look forward to seeing you at the Aviation museum, at our normal start time of 8:00 PM.

**Gary**



# The Pee Pak

*The following is an infomercial from one of our very own. Please fly relieved!!!*

Pilots and their passengers can find themselves uncomfortable because they need to void their bladder, yet it is still some time before landing where sanitary facilities are available. This problem is usually exacerbated in men as age progresses.

Aviation suppliers carry a variety of portable hard plastic urinals (e.g. "Little John"), with adapters that allow their use by females. In my view, they have the following disadvantages:

- relatively expensive (\$10 to \$25 US)
- must be sanitized following use, and rinsing in sink not healthy
- must be stored and secured both before and after use
- prone to leaking and therefore odours
- require different inlets for males and females due to rigid design
- unsightly (for modest people) after use

I have assembled an alternative that I call the PeePak that has the following advantages:

- inexpensive (\$2.50 CDN) per use
- sanitary and easily disposable
- can be easily stored in a shirt pocket
- light weight (approx. 2 ounces)
- need not be stored or secured
- does not leak and therefore odourless
- is unisex in design and conforms to all anatomical shapes
- does not look like urine following use

### Principle of Operation

The PeePak kit contains a non-toxic, odourless, and non-volatile powder in a small tearable packet approximating the size of a handy wipe packet. The original purpose of the powder is intended as a gag item whereby it makes large amounts of liquid immediately turn into hard jelly. The directions call for the white powder (resembling approximately one teaspoon of table salt) to be put into a water glass, and the glass then filled with liquid. When the liquid comes in contact with the powder, the immediate result is a hard jellied consistency that does not pour nor leak from the glass if it is turned onto its side.

The PeePak uses this product for urine collection in conjunction with a Medium sized (18mm X 20mm) Ziploc freezer bag. A napkin, a sanitary wipe, and an elastic band completes the kit. The Ziploc freezer bag is relatively durable and tear resistant. It also seals tightly, yet is sufficiently pliable to conform to different anatomical shapes. However, avoiding aerobatics during use is recommended.

### Testing

To prove the viability of this concept, my lady Debbie agreed to pee for the cause of science. Since we plan a lot of cross country flying together, she also realized future benefits. In a small 1991 Honda Civic (not unlike my cockpit space), she used the PeePak with success. It was necessary for her to move forward to the front edge of the seat, but the rest of the experiment went as planned. I later measured the quantity of the resulting jelly and found it to be approximately eight fluid ounces. This quantity corresponded to "I really have to go and cannot wait anymore". Unused white powder remained, indicating additional evacuation was possible. I have since put up to one litre of liquid into the PeePak before it became runny and exceeded the capacity of the powder.

### PeePak Components, Pricing and Availability

Medium Ziploc freezer bag	To obtain your PeePaks, contact Tom as follows: Tom Birtch Tel: 613-254-7455 Email: <a href="mailto:glastar@magma.ca">glastar@magma.ca</a>
Paper table napkin	
Stiffy Stuff (the active ingredient)	
Moist Towelette	
Total \$3.00 each or 2 for \$5.00 (shipping extra)	Note: EAA 245 members can pay in cash, cheque, money order, promise of future payment, and gold.

Effective 2003, COPA has placed their "Flight Annual" on line. Even non members can access it through the internet.

go to <http://www.copanational.org/non-members/index.htm> click on the COPA Flight Annual tab on the left side.

COPA feels that it will be more useful because it will be more current.since they can update the information any time.

The OSHKOSH NOTAM is now available from the EAA web sight. It is available May 1, 2003 in FAA printed form

## FLY IN DE TROIS-RIVIERES / AIR SHOW DE TROIS-RIVIERES

(Trois-Rivieres, Quebec, Canada)

MAY 22 - 25, 2003

*Trois-Rivieres airport (YRQ)*

[www.geocities.com/flyin3r](http://www.geocities.com/flyin3r)

*It is a pleasure for me to invite you to our very first "fly in de Trois-Rivières". Our fly in will be held in conjunction with the AIR SHOW de TROIS-RIVIÈRES.*

Dany Bergeron

Fly in coordinator

819.370.4555 fax 819.370.4557

[danybergeron@cgocable.ca](mailto:danybergeron@cgocable.ca)

Place your ads by phone with Rodney Stead @ 836-1410 or e-mail to [sttstmp@sympatico.ca](mailto:sttstmp@sympatico.ca)  
 Deadline is first of the month. Ads will run for three months with a renewal option of two more months.

For Sale: Cessna 150M, 1007 SMOH, 220 STO, 8524TT. Well maintained All covers Wheel pants, Skylights, EGTCHTCarb temp, Oil filter, Comm Mode C\$30.000  
 04/03 613-828-7493 [cbgregoire@sympatico.ca](mailto:cbgregoire@sympatico.ca)

For Sale: Hanger at CYRP Single detached 40 x 32 wood sheet metal Bi-fold door and skylight Paved winter access \$20,000  
 04/03 613-828-7493 [cbgregoire@sympatico.ca](mailto:cbgregoire@sympatico.ca)

For Sale: RV6A project 90-95% complete, no engine \$35,000 or offers Jim Robinson @ 613-830-4317  
 04/03 Russ Robinson @ 613-831-2485

Test Propeller needed--65 in with 58 in pitch for engine testing on a C-085 Spring 2003  
 04/03 Curtis @ 613-831-6352, [the\\_hilliers@yahoo.com](mailto:the_hilliers@yahoo.com)

ICOM A20 VHF air band Transceiver	\$295.00
ICOM HS-20SB PTT Switch box	\$25.00
ICOM CM-12G Battery case	\$25.00
12 Volt adapter	\$25.00
Telex ProAir 2000E Headsets-2	\$195.00 ea.
Sigtronics Transcom 11 Intercom	\$175.00
E6B computer	half price
Sportplane Construction Techniques, The Sportplane Builder, Firewall Forward	\$25.00
Bingilis on Engines (new)	\$30.00

email; [adouma@rogers.com](mailto:adouma@rogers.com)  
 03/03 Call Andy @ 613-591-7622

New engine mount, suitable for 0-540, I 0-540 Lycoming Engines Set up for tail dragger, also has tabs and reinforcement for a nose gear config. Priced to sell quickly.  
 02/03 [Stan.ironstone@sympatico.ca](mailto:Stan.ironstone@sympatico.ca) 613-258-2660

## 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 e-mail [sttstmp@sympatico.ca](mailto:sttstmp@sympatico.ca)



## EAA Chapter 245 Membership Application

NEW:\_\_\_ RENEWAL:\_\_\_ DATE: \_\_/\_\_/\_\_  
 EAA NUMBER:.....  
 EXP Date: \_\_/\_\_/\_\_  
 NAME:.....  
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 CITY/TOWN:.....  
 PROV:.....PC:.....  
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 OTHER AVIATION AFFILIATIONS:  
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**Annual Dues:** January 1st to December 31st. (porated after March31st for new members/subscribers).  
 Associate Member \_\_\_: \$30.00 Newsletter plus Chapter facilities  
 Full Member: \_\_\_: \$55.00 Newsletter, hangar, workshop, tiedowns. (Note: there is a one time \$200 initiation fee when you become a Full Member)  
 Newsletter subscriber \_\_\_: \$30.00 Newsletter  
 Note Associate and full members must also be members of EAA's parent body in Oshkosh WI, USA

Make cheque payable to:  
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