



NEWSLETTER

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Carb Heat

Hot Air and Flying Rumours

OCTOBER 1993

NEXT MEETINGS: THURSDAY 21st OCTOBER 1930 HRS

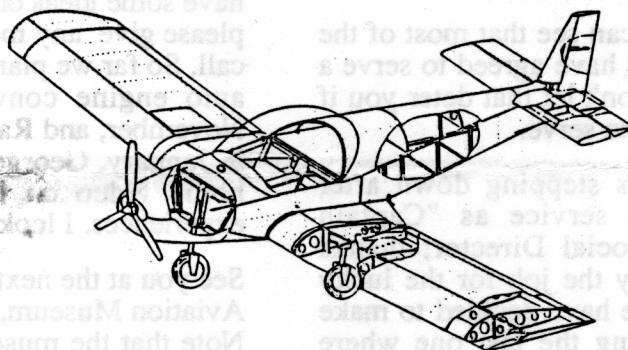
BUSH THEATRE NATIONAL AVIATION MUSEUM

PROGRAM:

- Annual General Business Meeting - Elections
- ANNOUNCEMENTS

FEATURE SPEAKERS:

Rod Emmerson - Survival kits for small aircraft



President:	Gary Palmer	596-2172	Aircraft Ops:	Dick Moore	836-5554
Vice Pres:	R. Emmerson	682-2058	Membership:	Manfred Ficker	839-2292
Secretary:	Luc Martin	744-5347	Tool Crib:	Tim Robinson	824-5044
Treasurer:	George Elliot	592-8327	Classifieds:	Andy Douma	591-7622
Editor:	Andy Douma	591-7622	Publishing:	Dick Moore	836-5554

President's Corner

October is not only the peak month for Fall's changing of the colour guard, it is also the time for our Annual General Meeting. One of the more important goals of the AGM is to elect 50% of the executive that will serve over the next two year term. This is your opportunity to join a powerful, yet friendly clique, and control the destiny of your fellow chapter members for two full years. All kidding aside folks, we are a volunteer organization, and we do depend on the willingness of the few to serve the many.

As I noted last month, it was encouraging to see a large number of new members step forward and help make our Air Adventure Day and Fly-in Breakfast both huge successes. I encourage each of you to consider serving either on the executive, or as one of our directors.

We are looking to fill the following positions:

Position	Nominees
President	Gary Palmer
Treasurer	George Elliot
Membership	Manfred Ficker
Social Director	?
Tool Crib Mgr.	Dick Moore

From this list you can see that most of the current incumbents have agreed to serve a second term, but don't let that deter you if you are really keen to serve.

Henry Beaudoin is stepping down after years of stalwart service as "Captain Caffeine" AKA Social Director; thanks Henry! To simplify the job for the lucky new incumbent, we have decided to make the October meeting the last one where Donuts are served. Henceforth we will adopt a simpler policy of coffee and cookies to reduce wastage and expenditures. This position also calls for keeping the CARP clubhouse stocked with soft drinks and coffee supplies during the flying season, so the ideal candidate probably lives close to or visits Carp

regularly. This position can also be a shared responsibility, so if you are a lucky retired snowbird, why not team up with one of our many snowbound members?

Tim Robinson has served as our Tool Crib manager for the past year, but now has to step down due to multiple demands on his time. Fortunately, Dick Moore, our tireless Operations Director is keen to take on yet another challenge, and has volunteered to add this position to his resume. Thanks to both Tim for past service, and Dick for stepping forward yet again.

Andy Douma is looking for a free-lance reporter(s) to beat the bushes for news items for Carb Heat.. This can be one of the easier ways to get involved, so give Andy a call.

Important! Do not let this call for volunteers deter you from attending the next meeting. **Rod Emmerson** will be both enlightening you and entertaining you on the subject of **Survival kits** for light aircraft. I am sure Rod will be able to draw on the Military's extensive experience in this area; and his Scottish heritage will ensure that you end up with the most cost-effective survival kit possible for your aircraft.

Its time to start thinking of meeting topics for the fall and winter season, so if you have some ideas or would like to volunteer, please give any member of the executive a call. So far we plan to cover a Subaru SVX auto engine conversion for a Cozy in November, and Ray Jones' CH-701 project in January. George Elliot will also show a home video on his Zenith float flying experiences. I look forward to your input.

See you at the next meeting at the National Aviation Museum, Thursday October 21st! Note that the museum will not be open to us until 19:00 (7:00 PM) on this date so don't arrive too early.

Gary

From the Secretary's desk

**GENERAL MEETING NOTES:
THURSDAY, SEPTEMBER 17,
1993-**

Our newest member, Jack Thorpe, was in attendance. Jack owns the Fleet Canuck which can be found in yours truly's hanger in Carp.

Other news:

We now have access to the service difficulty board via Ted Slack's database. Ted, needs new volunteers to operate the computer preferably bilingual.

Doug Irving has reclad the front door of our hanger with his accomplice, Stan Acres.

Laurent Ruel was seen doing a creditable imitation of da Vinci while yielding a paint brush prior to the fly in breakfast.

The October meeting will feature Election night. Most of the officers have been having such a great time that they have decided to stay on until next year.

Feature Presentation:

Dick Adams and his Seawind project First designed in 1974, the Seawind was first test flown in 1982 at the Ottawa airport by NAE's Murray Morgan. Unfortunately, the company that marketed the Seawind changed hands due to financial difficulties. Builders who were left "sans" kits were relieved to find that the new company had decided to honour the previous commitment. After two years of development testing the prototype had its first flight on March 31, 1993. Builders now seem to be receiving their kits on schedule. Sixty builders are currently building all over the world. Dick and George MacKenzie (his partner) will probably have spent \$120,000 to complete this kit with a 300 EFI Lycoming engine matched with a Hartzell propeller.

Basic airplane specifications:

Cruise:	180 mph
Stall:	58 mph
Take off from water:	650 feet
Useful load:	1100 lbs.
Span:	37 feet
Wingload:	17 lbs/foot
Fuel capacity:	17 U.S. gallons

Dicks comments on the assembling of the kit is that the instructions are clear, the kit parts are well labeled and of good quality and that work is progressing at a steady pace.

The discussion afterwards and the accompanying video rounded out this very interesting presentation and I am sure we would like to wish Dick and George success in their enterprise.

Hope to see you at the next meeting.

Luc Martin

From the Editor's Desk

Our collective hats are off to the following members:

Thanks are due to Doug Irving for the door cladding metal and to him and Stan Acres for recladding the Chapter hangar door.

Thanks a whole bunch to Wally Bielinsky for the computer that your editor is at this very moment using to turn out this month's Newsletter. Also thanks for the donated microwave, it's great for heating up those snacks.

Thanks to Henri Beaudoin and Dick Moore for taking up the old tie-down cable and installing all those new ground anchors. This will bring an added measure of safety for our tied down aircraft.

Thanks again to Dick and to Laurent Ruel

for all the caulking, painting and general all around maintenance at the Chapter facilities.

}}}} NOTICE {{{{

We will be printing an up to date membership list in our January issue. The list will be posted at the October and November meetings for your perusal and updates if needed. We also ask that you indicate if you do not wish your name to appear in the printed edition.

>>>> WANTED <<<<

The Editor, that's me, would like some enterprising individual with whatever reporting or writing skills to step forward and assist in reporting the Chapter news and items of general interest. Please call me, Andy at 591-7622 or see me at the meetings if you would like to help. Thanks.

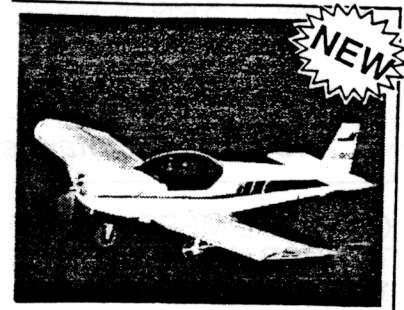
We are always looking for topics or articles for upcoming meetings. If you have suggestions please talk to any of the executive. Some topics we are working on are -

a show and tell by George Elliot about his construction of the floats for his Zenith CH300. He will have a video on the subject as well.

a talk by Ray Jones about his recently completed Zenith CH701.

a discussion/show/tell by Phil Johnson on a Subaru engine conversion.

All this and much more to come.



ZODIAC CH 601

"A playful, delightful airplane with side-by-side seating and a gorgeous bubble canopy. Handling is great, stability is pleasant, and the kit is very straightforward."

- J. Campbell, US AVIATOR, 391

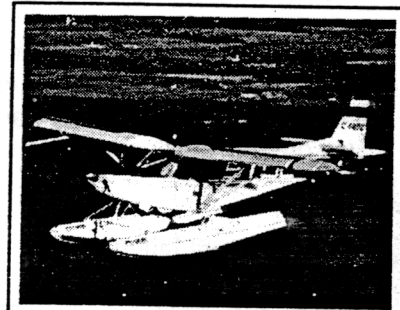
PERFORMANCES

(At gross weight with Rotax 912)

Cruise (75%).....	120 mph
Top Speed.....	135 mph
Rate-of-Climb.....	1,200 fpm
Stall.....	44 mph
Takeoff Roll.....	400 ft.
Extended Range.....	720 mi.
Design Loads.....	+/- 6 G

NEW Updated Model • 44" Wide Cabin
Many Standard Features • Economy Cross-Country Flying • New Easy-Build Kit

VISA ORDERS: TEL. 705-526-2871
FAX 705-526-8022



STOL CH 701

"The airplane delivers on every promise and is truly an outstanding design."

- John Conrad, SPORT PILOT, 990

PERFORMANCES

(At gross weight with Rotax 912)

Takeoff Roll.....	90 feet
Stall.....	29 mph
Top Speed.....	90 mph
Cruise (75%).....	80 mph
Rate-of-Climb.....	1,400 fpm
Extended Range.....	480 mi.
Design Loads.....	+6/-3 G

Fun & Easy to Fly • Excellent Visibility
500 lbs. Useful Load • 41" Wide Cabin
New Folding Wings • Amphibious Floats
Tricycle Gear • Large Baggage
Compartment

COMPLETE KIT: 350 hours for first-time builder

MANY OPTIONS

ZENAIR, HURONIA AIRPORT
MIDLAND, ON, CANADA L4R 4K8

National Aviation
Museum

Musée national
de l'aviation

Ontario 9724 Ontario
Ontario 9724 Ontario

Ottawa, July 16, 1993

Mr. Lars Eif
1072 St. Germain Crescent
Orleans, On
K1C 2L8

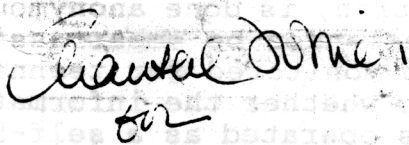
Dear Lars,

On behalf of the National Aviation Museum, I would like to thank you and your colleagues in the EAA for making Air Adventure Day such a resounding success.

As I mentioned to you when I visited the event, I think this type of partnership between the Museum and the EAA is an excellent way of capitalizing on both our strengths in support of the common objective of exposing young people to the magic and thrill of aviation.

I hope that this will be the first of other such successful joint projects.

Sincerely,



Christopher J. Terry
Director General

(A form to submit data for use on the bulletin board is on the reverse)

NATIONAL RECREATIONAL AVIATION COUNCIL, INC.

CONSEIL NATIONAL DE L'AVIATION DE LOISIR, INC.

Suite 201, 15 Grenfell Crescent
Nepean, Ontario, K2G 0G3, Canada
Phone/Fax (613) 226-8373

SERVICE DIFFICULTY BULLETIN BOARD FOR ULTRALIGHT
AND AMATEUR-BUILT AIRCRAFT OWNERS

NRAC now has a service difficulty bulletin board operating so that ultra-light and amateur-built aircraft owners who have a computer and modem (or who have a friend with a computer and modem) may dial in to:

- find out what problems other owners/builders with the same type of aircraft or engine are having, or
- look for solutions to their problems, or
- post their problem on the bulletin board and ask for advice of other owners, or
- share their experience with others.

This bulletin board is being operated by the Canadian AeroSport Technical Committee for NRAC and there is free Canada-wide access by having you computer dial 1-800-267-6052 (Ottawa area residents please use our local number, 723-0563, and save us the "800" charges). Our Bell Canada costs for this "800" service are based on "Ottawa time" rates and therefore the service will normally be on-line during Ottawa cheap rate times; ie. weekends, holidays, and from 6:00 PM to 8:00 AM Ottawa time.

This bulletin board is a clone to the service that is being provided in the U.S. by the FAA and in fact we will be exchanging data bases weekly with the FAA so that both countries will have access to all North American service difficulties. Our start-up data base is the current FAA data base and it contains some 650 reports on ultralight and amateur-built aircraft problems.

Access to the board, and the posting of information, is done anonymously so that helpful information, which might in some instances be embarrassing, will be passed on. Information on the Board is not monitored for technical accuracy; thus you must make your own decision as to whether the information is valid and whether or not to use it. The Board is operated as a self-help media for ultralight and amateur-built aircraft owners and is not to be used for posting commercials, advertisements, or information with ulterior motives; this does not prohibit designers from posting safety bulletins.

The Board will be partially bilingual. We do not have the facilities to translate entries on the Board and they will generally appear only in the language of the original submitter; however bilingual users of the Board are encouraged to translate and re-enter pertinent information.

For further information on the bulletin board and for voice contact call the sysop, Ted Slack, at (613) 226-8373.

(A form to submit data for use on the bulletin board is on the reverse)

CLASSIFIEDS

12 October 1993

AIRCRAFT FOR SALE:

Davis DA2A, 370hrs total time. C85 Continental 390SMOH, new starter, generator, battery. Loran-C. Cruises at 110 mph. \$13,900.00.

Jim Bradley (613) 839-5542

Beautiful **Baby Great Lakes**, sliding canopy, skis, Ceconite, 85HP. \$11,000.00

Mike Sacoutis (613) 729-3774

Zenith CH250TD taildragger, aerobatic waiver from DOT, 8G+-. 30 hours TT Lycoming O-320, 160hp. Quality built with solid rivets.

Jim Robinson (613) 830-4317
Tim Robinson (613) 824-5044.

Aeronca Champion 7AC, 65 hp Continental, 1100 SMOH, new carb, new mags, new Ceconite covering, etc.

Mike Sacoutis (613) 729-3774

PROJECTS FOR SALE:

!!! NEWCOMERS !!! Looking to start or finish a project? These partial to nearly completed projects **will save you years of building time and barrels of money.**

Champion Challenger project, right wing damaged, no engine.

Bob Bullen 738-9152

Cessna 140, 2500 TT, 85Hp Continental 1100SMOH, **SOLD** aint Blue on white. Fabric wings need recovering.

Mike Sacoutis (613) 729-3774

1946 Taylorcraft
546 TT, O-200A Continental new crankshaft.

Mike Sacoutis (613) 729-3774

PLANS:

PLANS for Davis DA2A.
Russ Robinson 831-4317.

PARTS FOR SALE:

Magneto, Bendix, S4RN21, Impulse coupled, zero time. \$250.00

Rosenhan wheels and brakes 4.10X3.50X5, master cylinder. \$250.00

Prop Spinner 5 inch skull cap. \$10.00

Eric Taada 749-4264

Vari Eze landing gear legs. New.
Peter Plaunt (613) 839-2283.

PROPELLERS:

Harzell constant speed - HC82VL-1D1 to fit O-320 plus governor and vernier control, zero timed. OFFERS.

Mike Sacoutis (613) 729-3774.

Propeller, three bladed, gound adjustable, wooden blades, metal hub with spinner. Fits VW hub \$250.00.

Tim Robinson (613) 824-5044 evenings.

Propellers, VW 48/30 & 60/38, wood plus adapter for 1600cc VW engine.

Jacques Pilon (613) 446-4175

ENGINES:

O-300A 1750 SMOH, O-300C 1200 SMOH, HIO360 5Hrs since overhaul.

Mike Sacoutis (613) 729-3774.

Engines, VW 1600 cc, Continental 2 cylinder ground power unit 30 HP.

Jacques Pilon (613) 446-4175

RADIOS:

Genave 100, \$250.00
Phone Andy Douma 591-7622

INSTRUMENTS:

Guages, Westach 2 1/2 " square manifold pressure/ turbo boost. Brand new in the box \$50.00.
Autopilot, Federal, new, 2-axis, STC included for installation in C-172 A.B.C., \$250.00.

Tim Robinson (613)824-5044 evenings.

Fuel selector valves.
Parking brake valve.
Accelerometer (G-meter) 2 1/4 inch.

Randolph butyrate dope in unopened gallon containers; 1 gallons clear; 1 gallon Juneau white; 1 gallon Piper Lockhaven yellow (Maule yellow); 1 gallon insignia blue.
- 2 large oil coolers (~8x9")
- 1 hydraulic pump
- 1 vacuum pump
- 1 Lycoming dual accessory case adapter for above pumps.
- Spinner, pointed, 11" base.
- piston rings for Continental E-185-3.

Cylinders, four, Lycoming IO/HIO-360, wide deck, fresh chrome.

Propeller, Hartzell HC82XL-2C constant speed plus governor for 320 - 360 Lycoming engines.

Garry Fancy (613) 836-2829

Flight controls from Piper Tomahawk: hanging rudder pedals with brake cylinders, control wheel yoke assembly.

Garry Fancy (613) 836-2829

WANTED:

Back issues of Sport Aviation for the National Aviation Museum's collection.

1965 April V14/4 1983 March V32/3
1987 Nov. V36/11 1989 Jan. V38/1
1992 Feb. - Oct. V41/2-10

George Skinner 749-9582

OTHER:

The "Canadian Amateur Built Aircraft Registry" is now available from CASTC.
A registered version of shareware will soon be available for \$30.00

Ted Slack at 226-8373.

CHAPTER CRESTS:

Sew-on, \$6.50 each. Luc 744-5347

**PLEASE NOTE:
ADS DEADLINE IS THE 5TH OF THE MONTH**

**PLACE YOUR ADS BY PHONING ANDY AT 591-7622
Classifieds Editor**

Ernie Finateri

John Boyd



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Ted Slack

phone/Fax
(613) 226-8373