



NEWSLETTER

Carb Heat

Hot Air and Flying Rumors

Vol 30 No. 1

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January 2000

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Classifieds:

Next Meeting:

Thursday Jan 20, 2000 8:00 PM
National Aviation Museum

Presentation by our very own:

Dick Moore

who will share his experiences dealing with aluminum corrosion
while having the wings of his C-150 skinned.

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Carb Heat

This has been an unusually mild winter so far with the barest amount of snow on the ground, and relatively mild temperatures. Those that have put their aircraft in hibernation are surely having second thoughts.

Millennial Musings

At year end, it is normal to look back on our accomplishments, and look forward to how we can do even better next year. With this being the start of a new Century, and even Millennium to some at least, it is perhaps appropriate to extend the time horizon just a bit.

EAA chapter 245 remains a very healthy, and growing organization. Our facilities continue to grow, and we maintain a healthy financial outlook. I attribute that to the extremely sound financial leadership of George Elliott and the hard work of the rest of your executive team and the many other hard working volunteers.

The number of members that can be counted on to pitch in when there is work to be done, seems to keep growing. I trust we can continue to build on this base.

While your executive work hard to keep the chapter healthy and alive, there are a number of other selfless individuals who quietly contribute in many ways. At the risk of unintentionally missing a worthy name, I would like to recognize a few selfless members.

Laurent Ruel and Ron Eberts who attend to many sundry carpentry and handyman tasks.

Ken MacKenzie and Wally Bielinski who have kept the canteen well stocked.

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Lars Eif who serves in a multitude of ways in addition to providing the refreshment service at regular meetings.

Perry Casson who has made our web site possible through his knowledge, contacts, equipment donations, and training of Wayne Griese.

Stan Acres who very quietly does the vast majority of grass cutting in addition to his new role as Fly in Breakfast coordinator.

Russ Robinson who manages our Young Eagles program, and still finds time to work on his RV-6.

The tireless Les Staples who seems to keep coming up with new members, and is always ready to help others with welding or a wide range of skills. His bottomless pit of projects remains a wonder and inspiration to all.

Ken MacKenzie, Jack Thorpe, and George Elliott who have worked diligently to put our own Chris Fauquier on the Airport Authority as Director of the board. After years of indecision and internal politics, we seem to be on the verge of a breakthrough at Carp airport. Hangers are being constructed, plans for growth and expansion drawn up, and perhaps most importantly, political fences mended. This bodes very well for the future with a knowledgeable pilot at the helm of the Airport Authority. Keep up the great work Chris.

November Meeting Summary

Our final meeting of the last millennium featured **Garth Wallace** a well known aviation author famous for his humorous **Derry Air** columns in the **COPA** newsletter. Garth had a full selection of his

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books available for sale at special EAA Christmas prices. Like many fellow members, I took advantage of this opportunity to purchase some personal stocking stuffers. I can certainly vouch for the value received; every one of his books provided an insight into the many characters that share our love of aviation.

Garth reaffirmed what most of us know already, that it is the people in aviation that make it interesting, more so than the technology. With his 14,000 plus hours Instructing, Bush, and Corporate flying, Garth has had an extremely rich and varied experience from which to draw upon for his series of books. If you haven't read any of his books, you owe it to yourself to find out what you have been missing.

There is a natural sequence to four of his books as follows:

1. Fly Yellow Side Up
2. Pie in the Sky
3. Derry Air
4. The Flying Circus

I also highly recommend his biography of Charlie Vaughn, "Don't Call me a Legend".

Thursday Jan. 20th Meeting

Our first meeting of the **millennium** will be held at the Bush Theatre at the National Aviation Museum; 8:00 PM start. Our featured speaker will be **Dick Moore** who will share his experiences dealing with aluminum corrosion while having the wings of his C-150 skinned.

Gary

ARPANET Grows Up: Boost Your Searching Savvy!

By Heidi Brault

The Advanced Research Projects Agency Network (ARPANET) of the US Department of Defence, gave birth to ARPANET in 1969. According to ARPA drafts, the Advanced Research Projects Agency developed as part of the US reaction to the Soviet launch of Sputnik in 1957. ARPANET would grow up to become the Internet, or the "Net", as it is often abbreviated. The "Net" turned thirty on October 20th, 1999.

Research was the aim of ARPANET, however, the amount of information available on the Internet can be overwhelming and lead to information overload. The Internet can be a useful research tool if you keep in mind the credibility of the information in your search results. Since time is money, the efficiency of searching is just as crucial to successful researching. The following points will go a long way to improve the relevancy of your searches. They will also help you to cut down the amount of time spent on-line.

Metasearch tools augment the power of your searches. They allow you to query more than one search engine at a time, therefore saving valuable time. The following is a list of sites with metasearching capabilities:

- 1) All-in-One Search Page (<http://www.allonesearch.com>) (500+ Internet search engines. Gives you an overview of search options)
- 2) Profusion (<http://www.profusion.com/>) (Permits you to choose the three fastest engines, the three best engines, or all the search engines available at the site. Indicates broken and timed-out links.)
- 3) Mamma (<http://www.mamma.com/>) (Queries ten major search engines. Results are organized by relevance and source.)
- 4) SavvySearch (<http://www.savvysearch.com>) (This is an access point for more than 200 search engines. You can also save your searches.)
- 5) Inference Find (<http://www.inference.com/>) (Will remove any redundant sites in your list of results.)

Search engines process queries differently. For example, AskJeeves (<http://www.askjeeves.com>) handles natural language queries (no need for search operators). Others such as Direct Hit (<http://www.directhit.com/>) will rank your search results based on the popularity of the sites and Excite (<http://www.excite.com>) has a "more like this" feature that appears with all of your results. Alta Vista, a popular, fast, and comprehensive search engine, has its Canadian domain at <http://www.altavista.ca>.

For more serious sources, the following are worth a visit:

1) Librarian's Index to the Internet (<http://sunsite.berkeley.edu/InternetIndex/>) (Concise descriptions and loads quickly)

2) Britannica Internet Guide (<http://www.britannica.com>) (These sites are selected by the editors of the Encyclopaedia Britannica.)

The following is a search engine for aviation enthusiasts:

TOTAVIA - Aviation Search Engine (<http://www.totavia.com/index.html>) (Search by keywords or phrases)

Miscellaneous aviation sites:

- 1) Kitplanes (<http://www.kitplanes.com>) (Homebuilts, rotocraft, ultralights and others. Site of the magazine)
- 2) Sport Flyers Internet Resources (<http://www.SportFlyer.com>) (Dedicated to recreational flying, general aviation, ultralights and kitplanes)
- 3) NAV Canada (<http://www.navcanada.com>) (Air navigation services: flight information, weather briefings, electronic aids to navigation and airport advisory services)
- 4) AirNav (<http://www.airnav.com/>) (Regularly updated aeronautical flight planning information. Includes airport locations (public, private, and military) in the US, runway information, aviation fuel prices, and information about radio navigation aids). Could be useful in planning for Oshkosh 2000...

Happy surfing! And happy, safe flying.

Search Tips

- 1) Use search engines for finding information on topics and use a subject directory for finding "sites." An example of a directory is Looksmart <http://www.looksmart.com>
- 2) Be specific.
- 3) Use singular words.
- 4) Begin your search phrase with the most important word.
- 5) Use a plus sign (no space) in front of terms you want to include and a minus sign (no space) in front of terms you want to be excluded.

Which Medicine Should You Take With a Cold?

Submitted by Heidi Brault

You've got the sniffles, or a cough, or achy muscles, or a fever, or all of the above. Which over-the-counter (OTC) medication is best? Here are some helpful rules: Don't Go for the Rambo Strategy. Your cold symptoms usually come one after the other and rarely all at once. So don't reach for a multisymptom mixture when you only have a runny nose. The best bet is to assess which symptom is most irritating and get a medication that attacks that symptom directly. Then, move on to the next symptom. Go for the Nose Spray. The body releases chemicals when a cold sets in, causing the blood vessels in the infected area—your nose—to swell up. Decongestants act to constrict the blood vessels to provide relief. Oral decongestants will do this for the entire body, but they have side effects like nervousness or insomnia. Nose sprays target only the nose. If you're still stuffed up after three days, give your nose a rest from the medication for a couple of days to prevent "rebound" stuffiness then go for the oral medication with pseudoephedrine.

Few Medicines Relieve a Sore Throat. Like the nose spray, it's better to get a remedy that relieves only the sore throat. Throat lozenges and sprays help, as does gargling with warm salt water. Time-Release Pills Really Do Work. Some medications require "an every-four-hours dose". But if you're busy at the office or at home, taking pills often slips your mind. Time-release capsules work so you get the right dosage throughout the day. As soon as you take the pill, the outer layer dissolves, releasing one dose. Then, four hours later, another coating dissolves and releases another dose.

Should You Fly With a Cold? When you're not feeling well, your best action is to ground yourself and wait until you have recovered before resuming flying activities. There may be times, though, when you feel that you must fly and will be tempted to doctor yourself with over-the-counter medications. At these times, remember that OTCs frequently contain antihistamines or other sedating drugs. These must not be used if you intend to fly. Remember also that OTCs only hide your symptoms for a while—they usually don't cure the condition, and you'll not be at peak physical performance while you fly.

The Federal Air Surgeon's Medical Bulletin • Winter 1998
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E A A VIDEO LIBRARY

Submitted by George Elliott

TITLE DESCRIPTION

E

Welding

Join host Gregg Ewert and Instructor Bill Roerig as they take you step by step through the process of oxyacetylene welding

You'll learn to:

*read a puddle

*run a bead

*tack weld

*weld a 90 degree tube intersection

*cluster weld

*see examples of rosette, lap and fillet welds

Whether you've never held a torch before, or haven't welded in years and want to brush up on your skills, this video will provide you with the background to get you started.

How to get started

This is the first in a series and serves as a basic introduction for the first-time builder. It features interviews with EAA Headquarters staff members and a cross-section of homebuilders and answers many questions arising during the planning stages.

Fabric covering withh Rays Stits

Ray Stits describes his techniques including the hows and whys.

First Flights in your Ultralight/Light Plane

First Flights in your Homebuilts Aircraft

You'll learn what to expect during a first flight, the importance of carefull planning, what you can do to make test flights run smoothly and what to do if prblems arise.

EAA Close-up

The complete story of EAA OSHKOSH 88

Aviation Unlimited
Oshkosh 95

Ultimate Flight
Lots and lots of airplanes, on the ground, in the
air,
in the cockpit -Ride a b-17,SU-29, Concorde

Those Magnificent Men in their Flying Machines
This is the real movie of the 1910 London-to-
Paris
air race. 138minutes

The Wonderful World of Floats

Corrosion

Aircraft Engine Rebuild

Zenair Zodiac CH601

Using the ProBalancer

Ottawa Aviation Services have the following parts for sale

Submitted by Curtis Hillier

Please call Lary or Donna at 737-2933 or in London at 1-519-457-5777 for availability and any questions you might have.

I spoke to Donna, she indicated the prices were in CDN \$'s, most of the parts were brand new but from some old stock and thus not currently certified. There is no factory warranty on any of the parts as they are clear out stock

(This has been re-created from a fax so we apologize for any typo's)

PART NUMBER	DESCRIPTION	QTY	CDN SUGGESTED \$
5001	SUCTION GAUGE	2	44.39
9501	INDICATOR TURN SLIP	1	496.80
161500	OIL PRESS GAUGE	3	90.07
161540	AMMETER GAUGE	1	26.68
161600	HEAT TEMP. GAUGE	1	40.77
161610	OIL TEMP. GAUGE	4	40.06
163010	TACHOMETER DV20	1	453.66
163010	TACHOMETER	7	153.66
164080	AIRSPEED INDC.	1	140.79
956435	OIL RESERVOIR COVER	12	50.51
887-266R	CARBURETOR	1	305.91
01-0771346-02	LANDING LIGHT	1	20.00
066-01055-0003	KMA24	3	552.00
066-01062-0000	KT76A	7	599.70
066-01072-0004	ADF RECEIVER	1	1,139.95
066-01088-0000	KN64-00	1	1,356.17
066-1062-0010	KT76A	8	799.47
069-01024-0038	KX155	1	1,799.44
069-01024-0042	KX155	2	2,248.69
069-01028-1101	KX125	10	1,508.27
069-01029-0703	KLX135A	1	1,950.00
070-01029-0001	KLN35A	3	1,661.38
070-0151-0001	KLN35A	1	UNKNOWN
10578R	HEAT EXCHANGER	1	234.36
1394T100-7Z	TURN COR.	1	339.75
190-031SB	AMMETER GAUGE	7	19.00
1U262-001-39	GYRO	9	411.26
20-7930-00-01	OIL TEMP GAUGE	3	22.48
22-2840-00-00	FUEL GAUGE	1	32.65
22-7330-00-01	FUEL PRESS GAUGE	1	78.80

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22-7720-00-00	CHT GAUGE	5	35.95
22-7930-00-02	OIL PRESS GAUGE	5	20.49
23-501-06-16	GYRO	2	411.26
301-012SB	OIL TEMP GAUGE	4	14.34
301-035SB	FUEL GAUGE	5	48.97
310-025SB	CYL HEAD TEMP GAUGE	1	14.28
310-025SB	TEMP GAUGE	1	14.20
3-200-12	VACUUM GAUGE	1	42.88
332-041SB	VOLT METER GAUGE	2	22.54
350-041SB	OIL PRESS GAUGE	6	14.40
40-78E	WHEEL ASSEMBLY	1	170.91
504-0033-943	GYRO	12	1,393.29
504686-401-2258	RESTRAINT/TSO-C114	1	102.90
505-0031-927	GYRO	2	1,330.23
5934PA-1	ALTIMETER	1	299.40
5934PD-1	ALTIMETER	1	250.32
5934PD-3	ALTIMETER	6	273.08
5934PM-3	ALTIMETER	2	
646508-12A1	FLOW DIVIDER	1	210.00
7000C31	SPEED INDICATOR	2	146.39
7000C31	VERTICAL SPEED IND.	1	146.38
7-100-10	MANIFOLD PR. GAUGE	3	72.52
7-100-20	MANIFOLD PR. GAUGE	27	72.52
8000B707	AIRSPPEED INDICATOR	1	126.00
8000B758	AIRSPPEED INDICATOR	1	148.03
8000B800	AIRSPPEED INDICATOR	2	176.35
887-251	ALTERNATOR	3	429.00
956-501	OIL TANK ASSY	2	221.72
A210786A	GOVERNOR	10	693.60
AB20T	FIRE EXTINGUISHER	11	13.29
C2400L4P	COMPASS	2	62.39
EBC102A	ELT	25	246.07
IFR312	COMPASS	2	30.00
PM501	INTERCOM	10	75.39
POINTER 4000-10	ELT	2	378.00
RCA15AK1	GYRO	3	910.80
RCA15AK-2	GYRO	7	822.00
RCA26AK-1	GYRO	4	910.80
RCA26AK-4	GYRO	5	910.80
S-1579A2	SOLENOID	1	20.40
SL1010-55003-13N00	TACHOMETER	1	148.40
SL1010-55003-13N00	TACHOMETER	2	173.13

Terms and Conditions

The items are sold on an "as is" basis and no warranty or trace ability is provided or implied.

Lary and Donna Loretto Aviation accept no responsibility as to the condition, age or serviceability of any of these items, all sales are final.

By accepting the above terms the purchaser relieves Lary and Donna Loretto Aviation, its employees and staff from any liability arising from the use or ownership of these items.

Signature of purchaser _____ Date _____

You can fax your order to 613-737-0253.

Classifieds

Place your ads by phone with Charles Gregoire
@ 828-7493 or e-mail to cbg@nortelnetworks.com
Deadline is first of the month.
Ads will run for three months with a renewal option of
two more months.

For Sale/Trade
- Continental C90-12 with logs for sale or trade for
Lycoming O-320 (may consider O-290D or D2)
- Vacuum pump and drive for Continental O-200.
- Pair of new 500X5 Rosenhan wheels, brakes and
tires.
- Some 4x8 sheets 1/16 & 3/32 aircraft plywood
Lionel Robidoux 613-738-1066 01/2000

Homebuilt glider for sale, Miller Tern C-GWKW.
Wood construction, amateur built in 1978. Aircraft
has always been hangared at Pendleton. No accidents.
Total Time 845 hrs. L/D 34:1 \$6500
Juergen Weichert (613) 746-7685
juergen@acolade.ca
More information at <http://acolade.ca/glider> 10/99

Charles's Parts Bin
ASA Tri-fold Knee board \$40 obo
New SCAT Hosing, 3" dia. \$8/ft
Old tachometer and cable off C150M \$35 obo
Cessna Clock \$35 obo
Charles Gregoire 613-828-7493 11/98

Tim's Parts Bin

Cessna 140 exhaust system complete \$500.00
Cessna 140 engine baffles \$50.00
MS24566-4B pulley NEW \$8.00ea.,
Large HF radio (ex Otter), good ham project \$25.00,
Large Radar Screen (possible coffee table???) \$25.00,
Beech 18 oil cooler, new (possible rad??) \$50.00, 6
Gal. J-3 wing Tanks (2) \$200.00, Box of VW engine
Parts (possible 1/2 vw project) \$50.00, New autopilot ,
12 volt trim servos and stuff \$25.00, Air Path and
Pioneer 3 1/8 compass cores \$75.00/ea, Shark Fin
pitot tube 24volt, new in box \$25.00, Beaver U/L
Lotus float rigging (spreader bars, etc.) \$25.00,
Continental prop. spacer (O.E.M. alum) \$50.00
Tim Robinson 613-824-5044 03/98
75714.2136@compuserve.com

McCauley Metal Prop, 70-38 for a continental A65 or
C85.
Jim Robinson 613-830-4317 01/98

Garry's Parts Bin

50 ft. 1/8" galvanized aircraft control cable, 7x19, MIL-W83420D
 Dynafocal engine mount
 Wheel pants \$100.00
 Oil, break-in, 12 litres, Shell, Esso
 Wing Tip Nav Lights
 NACA air inlets
 Elevator trim assembly
 Primer
 Valves, Fuel selector
 Valve, Parking brake
 Accelerometer (G-meter) 2.25 inch
 Oil cooler - Continental 6cyl.
 CHT guage and probe
 Lycoming, Accessory case, dual take-off adapter for hydraulic and vacuum pumps.
 Piston rings for Continental E-185 or O-470.
 Light weight starter & bracket for Lycoming O320 or O360.
 two Lycoming engine-driven fuel pumps \$50.00 each

 Control wheel yoke assembly from Piper Tomahawk

Engine, VW 1600cc completely rebuilt
 Garry Fancy (613)-836-2829 01/98

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 send me an e-mail attachment at:

cbg@nortelnetworks.com 01/2000



EAA Chapter 245 Membership Application

NEW:___ RENEWAL:___ DATE:___/___/___
 EAA NUMBER:.....
 EXP Date:___/___/___
 NAME:.....
 ADDRESS:.....
 CITY/TOWN:.....
 PROV:.....PC:.....
 PHONE:(.....).....H (.....).....W
 AIRCRAFT &
 REGISTRATION:.....

OTHER AVIATION AFFILIATIONS:
 COPA:___ RAAC:___
 OTHER:_____

Annual Dues: January 1st to December 31st. (porated after March 31st for new members/subscribers).
 Associate Member ___: \$30.00 Newsletter plus Chapter facilities
 Full Member: ___: \$55.00 Newsletter, hangar, workshop, tiedowns
 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:
 EAA Chapter 245 (Ottawa)
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