

The Hammerhead

NEXT CLUB MEETING
SATURDAY JANUARY 16
AT 10 AM AT
KING AVIATION
MANSFIELD AIRPORT
MANSFIELD, MA

Dues Are Due

Yes, it is that time of year again. No doubt you have received your membership renewal form. Please fill out the info and send the dues to Sheldon Apse.

Northeast Aerobatic Championships

The Northeast Aerobatic Championships were held at Westhampton, NY on November 7th and 8th. The original contest date was canceled due to weather and had to be re-scheduled. Neville Hogan and Bill Matukaitis were the high scorers for Chapter 35 at the contest with Neville not only winning first place in Basic with an unprecedented score of 90.1% but also taking the Northeast Season Championship trophy for Basic Category. Bill did a great job of winning Sportsman in his Super Decathlon, outflying many "high performance" airplanes. Did I hear someone say "move up"? Scott Poehlmann and Peter Bocon both flew their S2B in Sportsman as well. Gunther Eichhorn came in second

in Unlimited in a borrowed S2A which is difficult at best. Craig Lesinski came in third in two Advanced flights with 4th overall. David Nichols flew his first ever contest in Basic in his beautiful, transport category YAK 18.

Chapter 35 to host Judges School

Chapter 35 will once again host a Judges School this year. The Introduction to Aerobatic Judging School will be held on February 6 and 7, 1999 at East Coast Aero Tech located at Hanscom Airport (BED) in Bedford, MA. The instructor will be Brian Howard. This is an excellent way for starting competitors to learn the fine points of not only what the judges are looking for but also the art of kissing up for those extra points. Registration will begin at 8 a.m. on Saturday with class starting at 8:45 a.m. and ending at 5:00 p.m. The Sunday class will start at 8:30 a.m. and end at 2:00 p.m.

Judges who are going to the

school for recurrency need only to attend the class on Sunday.

Materials will be available at the school as follows (please indicate course and materials desired when pre-registering):

#1: FULL PACKET \$75.00
 FAI Aerobatic Catalogue
 IAC Rule Book
 Home Study Course
 Student Handbook
 Registration Form
 Judges' Log
 School Analysis Form

#2: RULE BOOK ONLY \$50.00
 NO FAI Aerobatic Catalogue
 IAC Rule Book
 Home Study Course
 Student Handbook
 Registration Form
 Judges' Log
 School Analysis Form

#3: FAI BOOK ONLY \$50.00
 FAI Aerobatic Catalogue
 NO IAC Rule Book
 Rule Book Revision #8
 Home Study Course
 Student Handbook
 Registration Form
 Judges' Log
 School Analysis Form

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#4: COURSE ONLY \$40.00
 NO FAI Aerobatic Catalogue
 NO IAC Rule Book
 Rule Book Revision #8
 Home Study Course
 Student Handbook
 Registration Form
 Judges' Log
 School Analysis Form

#5: RECURRENCEY \$30.00
 NO FAI Aerobatic Catalogue
 NO IAC Rule Book
 Rule Book Revision #8
 NO Home Study Course
 Student Handbook
 Registration Form
 Judges' Log
 School Analysis Form

Optional Materials: Known
 Sequence Calling Primer
 (audiotape) \$8.00

PRE-REGISTRATION IS
 NEEDED TO ORDER
 ADEQUATE MATERIALS

Space is limited to 30 participants

Contact Hans Bok by January 21,
 1999 at 508-994-5957 or E-Mail:
 hbok@ici.net.

Checks or cash will be collected
 at the door. IAC Membership
 required for Certification.

The "Chapter 35 Judges Program"
 will be in effect again this year.
 The program will rebate the cost
 of the course (\$50.00) to any IAC
 Chapter 35 club member
 attending our Judges School that
 becomes a judge in 1999.

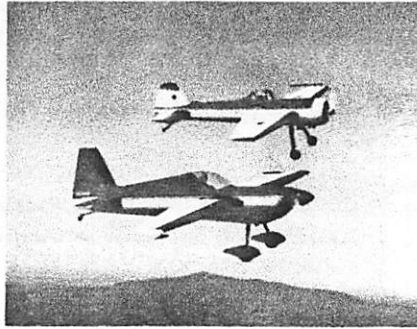
Hotels:

Double Tree Guest Inn:
 (781)890-6767

Sheraton:
 (781)862-8700

Holiday Inn Express:
 (781)861-0850

We hope to see you there.



Craig Lesinski and Hans Bok over
 New Hampshire. Photograph
 courtesy of Peter Volheim.

Bok Talk

The year has come to an end.
 We have had a successful year
 with, fortunately, no major
 accidents or injuries. I want to
 thank all the people who made the
 year a success; Bill Crawford -
 VP, Kent Christman - Secretary &
 New Member Coordinator,
 Sheldon Apsel - Treasurer, Bill
 McGoldrick - Newsletter Editor,
 Jim Ward - Contest Director
 extraordinary, Craig Lesinski -
 Safety Officer and all the
 volunteers that helped out with the
 success of both the New England
 Aerobatic Championships at
 Orange and the Unknown Contest
 at Springfield, VT. It would not be
 possible without everyone's
 efforts.

The club officers have decided to
 continue for another term in 1999.
 While incumbency is good, we do
 not want to discourage anyone. If

anyone is interested in running for
 a position, please let me know.

We will have a Judges School
 again in 1999. The date has been
 set for February 6th and 7th with
 Brian Howard doing the honors as
 our instructor. The class will be
 held at East Coast Aero Tech,
 located at Hanscom Field in
 Bedford, MA, on February 6th and
 7th.

While we have not set a specific
 date or location yet, the banquet
 will be held again this year in
 February. The Banquet
 Coordinator for is Bill Crawford.

In our search for flying excellence,
 we will attempt to have critiqued
 practice sessions throughout the
 winter as weather permits. It will
 not be a regularly scheduled
 activity. If anyone is interested,
 please email/call me.

Our January and February
 meetings will be held at Mansfield
 on January 16th and February 20th
 respectively. For those of you
 interested, they just opened a new
 restaurant at the airport.

Safe Flying,

Hans

IAC CHAPTER 35 OFFICERS

President: Hans Bok
Phone: (508)994-5957
E-mail: hbok@ici.net

Vice-President: Bill Crawford
Phone: (617)267-8945
E-mail: wec@crawford.tiac.net

Secretary: Kent Christman
Phone: (617)661-6428
E-mail: kentgc@aol.com

Treasurer: Sheldon Apsel
Phone: (781)837-9726
E-mail: sheldona@fs.micrologic.com

Newsletter Editor: Bill McGoldrick
Phone: (508)994-5957
E-mail: hbok@ici.net

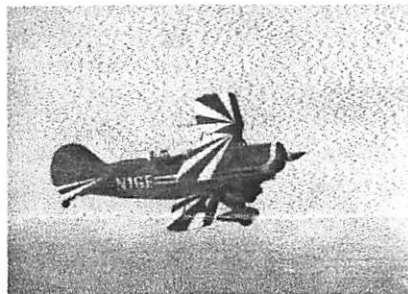
New Member Coordinator:
Kent Christman
Phone: (617)661-6428
E-mail: kentgc@aol.com

Newsletter Editor: Bill McGoldrick
Phone: (508)994-5957
E-mail: bmcgoldr@compucom.com

Safety Officer: Craig Lesinski
Phone: (508)695-0002
E-mail: aerobatika@aol.com

Contest Director: Jim Ward
Phone: (603)672-8600
E-mail: jimw@worksta.com

Achievement Awards Chairperson:
Sigrid Baumann
Phone: (603)964-54787
E-mail: sigextra@nh.ultranet.com



IAC CHAPTER 35 MEMBERSHIP INFORMATION FORM

Annual Dues are \$25.00

**Send to: Kent Christman,
4 Clement Circle
Cambridge, MA 02138**

Name:

Spouse:

Address:

City:

State:

Zip Code:

EAA Membership #:

IAC Membership #:

Expiration Date:

Aircraft Status:

Owned:

Restored:

Building:

Official Results and Final Standings

**Northeast Aerobatic
Championships November 7-8,
1998**

Contest Director - John Caccavale

Northeast Aerobatic Champions

Basic	Jim Wells
Sportsman	Rich Pinkowski
Intermediate	Ron Spencer
Advanced	Ron Saglimbene
Unlimited	David Windmiller

Highest Scoring Decathlon Pilot:
Neville Hogan

Highest Scoring Chapter:
Chapter 52

Pitts Trophy:
Margie Giering

Category - Basic

Rank Pilot	Chapter
1st Neville Hogan 90.10	35
2nd Jim Wells 85.22	52
3rd Michael Rusinsky 84.05	91
4th Margie Giering 83.65	91
5th Thomas Duff 79.11	91
6th Alexandra Lore 78.22	91
7th Joe Llinas 77.86	91
8th John Schoeck 76.87	91
9th Greg Gavin 73.35	91
10th David Nichols 70.96	35

Category - Sportsman

Rank Pilot	Chapter
1st Bill Matukaitis 81.88	35
2nd Mike Herbert 80.14	11
3rd Ron Chadwick 79.76	52
4th Rich Pinkowski 79.49	52
5th Greg Dungan 76.24	58
6th Diana Latham 75.60	91
7th Dave Klingebiel 74.79	52
8th Rich Koos 74.67	91
9th Carl Hunt 74.46	11
10th Ron Rabinovich 73.06	91
11th Bill Green 72.96	113
12th Scott Poehlmann 72.72	35
13th John Thompson 72.25	11
14th Peter Bocon 68.72	35
15th Kathy Jaffe 56.85	52

Category - Intermediate

Rank Pilot	Chapter
1st John Caccavale 82.05	91
2nd Jeff Seckendorf 81.84	52
3rd Ron Spencer 79.58	52
4th Tony Lore 75.38	91
5th George Cole 70.48	91

6th Rick Surgent 69.47	52
7th Tony Capozzi 69.01	11
8th Scott Gerber 57.66	91
9th Vincent Nasta 36.54	91

Category - Advanced

Rank Pilot	Chapter
1st Jim Reiher 79.41	91
2nd Ron Saglimbene 77.83	52
3rd Angelo Cillaruto 75.31	52
4th Craig Lesinski 74.91	35
5th Hans Bok 70.30	35

Category - Unlimited

Rank Pilot	Chapter
1st David Windmiller 82.81	91
2nd Guenther Eichorn 61.08	35

International Aerobatic Club - Chapter 35
Hans Bok
PO Box 79335
No. Dartmouth, MA 02747



VAL BEAUDRAULT
RR 1, BOX 1240
WEARE, NH 03281



The Hammer Perhead

'98 Awards Banquet

For those of you who missed it, you missed it. The 1998 Chapter 35 awards banquet was held March 27th at the Brasserie Jo, in Boston. The competition for the coveted competitor of the year award was very close. Scoring for this award has been established in the past by Neal Frangesh and is based on a point system of placement in the top 3 in any category in any competition. Additional points are awarded for those that compete at the national or Fond du Lac. An additional two points are awarded to those who fly in the WAC. The third, fourth, and fifth place finishers were Neville Hogan, Bill Matukaitis and Mike Goulian

respectively. There was a tie for first between our two 1999 Champions Guenther Eichorn and Craig Lesinski.

Congratulations to our champions and to all our top five winners! Of the 38 attendees, there was at least 12 other award winners? Bill Crawford won an over-the-cowling periscope for his soon to be flying again Giles.

Inside this issue:

1998 Awards Banquet
Orange Competition
Next Meeting Agenda
Bok Talk
New Editor

Neville won a "decision maker" to help him with his yearlong decision on which plane to buy. This must have done the trick – he was overheard on the lobby phone ordering an S2B from Florida. He takes possession in a couple of weeks - Congratulations. Gunther won an "Extra" cylinder to add to his Pitts S2A to help him compete against the monoplanes in unlimited. Rough crowd – no one was

spared a little humiliation – Good work to our MC Craig for the presentations and to Bill and Francine Crawford for setting up the banquet. If you weren't there – don't make the same mistake next year!!

Orange Competition

The Orange Competition is scheduled to take place May 14-16. For the competition to be held there are a couple of positions that must be filled. We need to have a person sign-up to be the scorer; this person needs to be a non-competitor. We also need a person to be our registrar, this person needs to be tough skinned (you will have to be able to handle all those aerobatic pilots).

These positions must be filled by April 15th in order to go forward with the competition!

We also need help setting up the box on the 12th. Interested people should call Jim Ward at (603) 672-8600. See "Contest" on pages 2-4 for more info.

Next meeting

The April meeting will be on Saturday the 17th and it will be held at Nashua, NH. Craig Lesinski will be speaking on "How to fly the '99 KNOWNs". Craig co-won Chapter 35 Competitor of the Year so don't miss this opportunity to pick his brains. We are still looking for a room at the airport to hold our meeting - this will be announced later.



Contest (cont.)

Dear friends,
We in the New England Aerobatic Club, IAC Chapter 35, invite you to join us for the 1999 New England Aerobatic Championships - our annual springtime five category contest. Orange, Massachusetts is this year's contest site. Once again, we'll fly Intermediate, Advanced and Unlimited categories on Friday afternoon; pilots' and judges' briefing begins at 12 noon. Our goal is to get everyone in all categories flown for 2 (Basic and Sportsman) or 3 (Intermediate through Unlimited) flights.

The details follow; we hope to see you there!

Warm regards,
Jim Ward,
Contest Director

E'mail:
jimw@orbital.mv.com

Post: 15 Cleveland Hill Road, Brookline, NH 03033
Phone (home): 603/672-6336
Fax (home): 603/672-4825
Phone (work): 603/672-8600 x232

Contest Details:

1999 New England Aerobatic Championships, sponsored by the New England Aerobatic Club, IAC Chapter 35. A 5-category (power) contest, May 13-16 at Orange Municipal Airport, Orange, MA (KORE). Airport office phone 978/544-8189.

Tentative Schedule:

May 13 Thursday
0900 - 1900 registration; box open for practice 1900, food on the field, TBD

14 Friday
0900 - 1200 registration; box open for practice 1200 briefing Intermediate, Advanced & Unlimited 1300 - 1830 contest flying --Intermediate, Advanced & Unlimited 1900 food on the field, TBD

New Editor

You may have noticed a new look to the Hammerhead. That's because you have a new editor. Yes, the IAC FNG opened his mouth at the wrong time at the March meeting and guess what - you are now stuck with me. Please send all complements on previous issues to Bill McGoldrick. Send new criticisms re: the newsletter to Dave Watson. Thanks Bill for your past contributions.

I am in need of your help - this is our Newsletter (not mine alone). Please send me any newsworthy information you have on our sport, chapter or members. We will have a much better newsletter if you **HELP ME OUT!**

Thanks, Dave Watson
dwatson@brainiac.com

Contest (cont. again)

15 Saturday

0700 briefing
0800 registration
0830 - 1830 contest flying --
all categories
1900 banquet

16 Sunday

0800 briefing
0900 - 1430 contest flying all
categories
1500 awards ceremony.

Hangar space at Orange is
limited. We'll make it available
on a first-come,
first served basis. Sign up for
hangar space when you
register on-site.

In addition to awards for the
top 3 pilots in each category,
we offer:

- * Best First-Time Sportsman
- * Chapter Team Trophy
- * Most Creative Freestyle (but
only if it wasn't intended to
be).

Fees:

Contest registration :
Basic \$40
Sportsman \$45
Intermediate \$55
Advanced \$60
Unlimited \$70
Hangar, per nite, \$10
Food on the field (Thu-Fri)
contribution
Banquet, per person \$25
(max).

Banquet:

Steve Pennypacker has
arranged for this year's
banquet to be held
Saturday
evening at 7 pm at The
Old Mill Restaurant in
Westminster, MA.

Lodging:

Steve has also procured a
discounted lodging rate
for blocks of rooms at
two
area hotels. They are:

* Super 8 Motel,
Gardner, MA, (978) 630-
2888. 20 rooms reserved
(10
smoking,
10 non-smoking).
Discounted rate of
\$39.50 (single), \$49.40
(double).
Mention IAC.

* Wachusett Village Inn,
Gardner, MA, (978) 874-
2000. 15 rooms reserved
Discounted rate of \$79
for either a single or
double room (1 or 2
queen
beds). Mention IAC.

These rates are good
through April 14 only, so
reserve now! (Don't
forget to
ask about the hotel's
cancellation policy.)

Other area hotels to which
we'll provide transport:

Bald Eagle Motel Orange,
MA 978/544-8864;
Quabbin Gateway Motel
Orange, MA 978/544-
2986;
Colonial Bed and
Breakfast Gardner, MA
978/630-2500.

The Gardner hotels are
about 20 minutes drive
east of Orange along
Route 2.

Directions:

By air:

NY Sectional, Gardner
(GDM) VORTAC 292
degree radial, 10.3NM.
42.34.04N, 72.17.28W.
VOR and NDB
approaches.

By car:

U.S. Route 2 to exit 16
(U.S. Route 202, Amherst-
Belchertown exit).

Travel 1 mile N and turn
left onto Partridgeville Rd.
Travel .5
miles W; find the airport
on your left.

Arrival: Runways 14-32:
4998'x150'; 1-19:
5000'x150'. Field elevation
555'MSL. Orange Unicom
122.8. Runway 1-19 will
be closed during practice
and contest flying except
with 15 minutes prior
arrangement by phone or
radio.

Contest (again, again...)

Fly:

Right traffic for runway 32,
left traffic for runway 14.

Caution: The aerobatic box is
southwest and parallel to
runway 32 and immediately
over runways 1-19. Do not
overfly the airport.

What you must Bring:

Aircraft:

airframe and engine logs
showing last annual or
condition inspection
(photocopies of these logs are
acceptable); airworthiness
certificate; registration
certificate; radio; operating
limitations; weight and balance
data; in-pack chute (<120
days) & pack card;
proof of insurance

You:

pilot and medical certificates;
IAC membership card; FAI
license (Unlimited competitors
only); 7 copies each of free
style forms A, B and C, signed
and dated ('99) by a current
IAC judge; Photocopies of
documents are permissible for
IAC contest registration;
however, FAA requirements
may differ. Inspectors from
FAA's Windsor Locks FSDO
will be on-site for some
portion of the practice and
competition. Please come
prepared!

Bok Talk

The banquet was a
success under the
careful guidance and
coordination by Bill and
Francine Crawford.
Craig Lesinski did a
masterful job as MC
again this year. It was
good to see long time
members Myron and
Rita Goulian and Neal
Frangesh. Myron and
Rita have been very
supportive in club
activities over the years
and operate Executive
Flyers Aviation located
at Hascom Field. Neal
has been our colorful
MC in the past and due
to work considerations,
he has not been able to
compete in recent years.
We hope to see Neal
competing again this
year in his beautiful
Pitts SIT.

I am pleased to
announce that we have a
new Newsletter Editor.
His name is Dave
Watson and hopefully
you had a chance to
meet Dave and his wife,
Lori, at the banquet.
Dave has a Super
Decathlon and will be
entering his first
competition at the
Orange Contest this year
flying in Sportsman. I
want to thank our
outgoing Newsletter
Editor Bill McGoldrick

for all his time and effort
putting out the previous
newsletters. Word has it
that Bill, who has been
competing in Sportsman
in the past, has plans to
bypass the Intermediate
and Advanced categories
to compete in Unlimited
in the Decathlon he rents
from Executive Flyers
now that he has more
time to practice.

I was recently made
aware of our first Chapter
35 member competing in
1999. Jack Rosen left
New Bedford, MA on
April 3 to compete in the
Sebring, FL Contest and
to attend Sun N Fun.
Jack, known for his non-
stop trans-Atlantic
crossings in his Mooney,
has vowed to make at
least one stop enroute to
the contest in his One
Design.

We are getting closer to
the contest season. We
will be holding at least
one critique session
before our contest. We
will have the details by
the next meeting on April
17 so please attend.
Craig Lesinski will be
discussing how to fly the
maneuvers for the 1999
Knowns.
We will not be holding a
meeting in May due to a
conflict with the Orange
Contest.

Safe Flying, Hans

DIRECTIONS TO THE COLONNADE HOTEL

FROM POINTS WEST:

- * Take I-90 East (Massachusetts Turnpike) into Boston to Exit 22 (Prudential/Copley Square). Follow all signs that say "Prudential" (left at the fork).
- * The exit ramp will come above ground to a stop sign.
- * Go through the stop sign onto Huntington Avenue and bear to the left.
- * At the first traffic light, make a U-turn.
- * The Colonnade will be on your immediate right.

FROM POINTS NORTH:

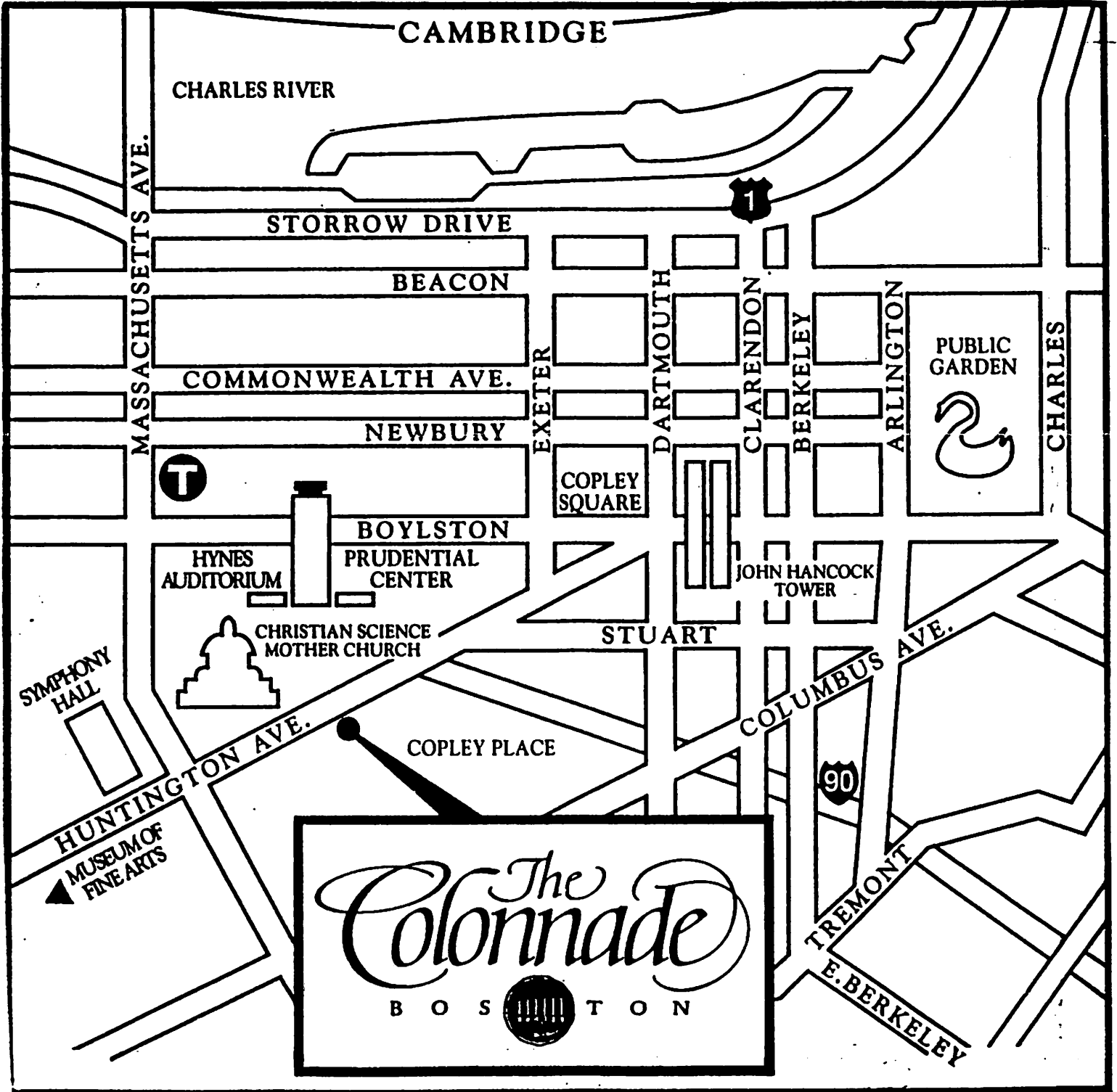
- * Follow 95 South to Route 1 South. After the crossing the Mystic Tobin Bridge, follow 93 South to Exit 26, the Storrow Drive Exit.
- * Follow Storrow Drive to the Copley Square Exit. (Left lane exit)
- * At the first traffic light, turn right onto Beacon Street.
- * Follow Beacon Street to the 4th traffic light. Turn left onto Exeter Street.
- * Follow Exeter Street to the end. (Exeter Street ends at Huntington Avenue)
- * Turn right onto Huntington Avenue and proceed to the second traffic light.
- * Make a U-turn at the light. The Colonnade Hotel will be on your immediate right.

FROM POINTS SOUTH:

- * Take 95 North to 93 North into Boston.
- * Take exit 18 Massachusetts Avenue. **(This exit is currently undergoing construction; follow all signs to the intersection of Massachusetts Avenue).**
- * At the intersection of Massachusetts Ave., turn right onto Massachusetts Avenue.
- * Follow Massachusetts Ave. 9/10ths of a mile.
- * Turn right onto Huntington Avenue.
- * The Colonnade is located three blocks down on the right.

FROM LOGAN INTERNATIONAL AIRPORT:

- * Follow the signs for the Boston Airport Roadway, or Route 93.
- * Go through the Sumner Tunnel (toll charge). At the end of the tunnel take the second right and go up the ramp.
- * Take the Storrow Drive Exit. (exit 26)
- * Follow Storrow Drive to the Copley Square Exit (exit on the left).
- * At the traffic light, turn right onto Beacon Street.
- * Follow Beacon Street to the fourth intersection. Turn left onto Exeter Street.
- * Follow Exeter Street to the end. (Exeter Street ends at Huntington Avenue).
- * Turn right onto Huntington Avenue and proceed to the second light. Make a U-turn at the light. The Colonnade will be on your immediate right.



1999 New England Aerobatic Championships

The New England Aerobatic Club, IAC Chapter 35
Five Category Power Contest
May 14 through 16, 1999

Where: Orange Municipal Airport (ORE), Orange, MA. Phone 978/544-8189.

Tentative Schedule:

Thursday, May 13	0900-1700	Registration
	1000-1900	Practice
	1900	Food on the field, TBD
Friday, May 14	0900-1700	Registration
	0900-1200	Practice
	1200	Intermediate, Advanced and Unlimited Briefing
	1300-1830	Competition Flying – upper 3 categories
	1900	Food on the field, TBD
Saturday, May 15	0700	Briefing
	0815	First category aircraft ready to fly
	0830-1830	Competition Flying
	1930	Banquet at The Old Mill
Sunday, May 16	0800	Briefing
	0845	First category aircraft ready to fly
	0900-1430	Competition Flying
	1500	Awards Ceremony

Hangar Space At Orange, this is limited. It's available first-come, first-served. Sign up when you register on-site.

Fees: Here are the contest entry fees, exclusive of hangar, on-the-field food (Thu/Fri) and banquet:

Basic:	\$40.00	Advanced:	\$65.00
Sportsman:	45.00	Unlimited:	70.00
Intermediate:	55.00		

Trophies/Medals: We'll award trophies for: top 3 places in each category, Best Chapter Team, Best First Time Sportsman Competitor and "Most Creative Freestyle".

This year, IAC is sponsoring the Grass Roots Flight Medal. We'll award it to the highest (percentile) placing competitor in any category flying an aircraft of 180 HP or less.

Need more info? Call, write or e-mail:

Jim Ward	home:	603/672-6336
15 Cleveland Hill Road	work:	603/672-8600 x232
Brookline, NH 03033	e-mail:	jimw@orbital.mv.com

Thu & Fri Night: Pizza or subs and soft drinks on the airport. (The Orange Airport Commission doesn't allow beer on airport property — sorry!) Please plan to make a contribution to help us defray our food costs.

Saturday Night: Banquet at The Old Mill, Westminster, MA. Drinks at 7pm, food at 7:30.

Orange Airport

By car: Take exit 16 off Route 2, the Amherst-Belchertown, Route 202 exit. Go 1 mile north and turn left onto Partridgeville Road. Go 1/2 mile west. The airport is on the left. It is 1 mile SE of Orange Center.

By air: New York Sectional. Gardner VORTAC (GDM, 110.6 MHz) 292° radial, 10.3 NM. Lat/long: 42° 34' 04" N, 72° 17' 28" W. IFR approaches: GPS, VOR, NDB.

Arrival: Runways: 14-32 4998' X 150'; 1-19 5000' X 150'. Field elevation 555' MSL. Unicom 122.8. Runway 1-19 will be closed during practice and contest flying, except with 15 minutes prior permission by radio or telephone. Fly right traffic for runway 32. Caution: the aerobatic box is southwest of and parallel to runway 14-32; it is directly over 1-19. Check FAA NOTAMS before you arrive.

New England Aerobatic Club
c/o Jim Ward
15 Cleveland Hill Rd.
Brookline, NH 03033



VAL BEAUDRAULT
RR 1, BOX 1240
WEARE, NH 03281

Lodging: We recommend that you make your hotel reservations as soon as possible. We'll provide ground transportation to Bullard Farm and to hotels east of the airport along Route 2, as far away as Gardner, a 20 minute ride. If you choose to perch in that ever-popular garden spot, Fitchburg, you're on your own for transportation.

Here's the list of area hotels; (*) indicates discounted rooms may be available – mention IAC.

Super 8 Motel (*)	Gardner, MA	978/630-2888
Wachusett Village Inn (*)	Westminster, MA	978/874-2000
Bald Eagle Motel	Orange, MA	978/544-8864
Quabbin Gateway Motel	Orange, MA	978/544-2986
Colonial Bed & Breakfast	Gardner, MA	978/630-2500

What to Bring: Aircraft: airframe & engine logs; airworthiness certificate; registration; radio; operating limitations; weight & balance; in-pack chute (<120 days) & pack card; proof of insurance
You: pilot & medical certificates; IAC membership card; FAI license (Unlimited only); 7 copies each of free style forms A, B, C, signed & dated ('99) by an IAC judge; \$

The Hammer Thread

Inside this issue:

Competition Results from;

Orange,
Maytown,
Ohio,
Michigan and
AWAC.

Hanging by a thread
Upcoming Competitions

Maytown Competition Results

Seven Chapter 35 members trekked to Maytown, PA for a weekend of competition in excellent weather on June 4th-6th. Over 60 competitors were there for the 5 category power competition. The results for our Chapter 35 flyers were:

Rank	Pilot	%pp
Basic		
8 th	Joe Keenan*	66.88
Sportsman		
7 th	Dave Watson	78.44
Intermediate		
4 th	Bill Crawford	83.36
8 th	Jim Ward	78.51
18 th	Sigrid Baumann	58.78
Advanced		
8 th	Art Hicks	66.06
10 th	Hans Bok	65.78
Unlimited		
5 th	Craig Lesinski	65.65

*Joe was unattached at the Orange and Maytown competitions but will hopefully be joining Chapter 35.

Orange Competition Results

Dear IACers and friends,

We've just concluded the 1999 New England Aerobatic Championships, sponsored by IAC Chapter 35 (May 21st - 23rd). Fifty pilots competed in five power categories under four days of spectacular weather.

Here are the results:

(all results calculated using TBLP w/ min.weight threshold at 1.2 std.deviation)

Category - Basic

Rank	Pilot/ Chapter	Knwn 1	%pp
1 st	Paul Lopez /52	361.4408	82.15
2nd	Bruce Green /35	347.6372	79.01
3rd	Karen Bulluck /52	335.5949	76.27
4th	Dave Watson/35	317.0917	72.07
5th	Dennis Wong /35	304.5884	69.22
6th	Joe Keenan /	228.6708	51.97
7th	Alex Belov /52	222.4944	50.57

Basic judges: Guenther Eichhorn, Leigh McCue, Tony Lore, Jim Parker, Kent Christman
Basic assistants: Scott Poehlmann, Scotty Gerber, Dick Gould, George Cole, Lee Champigny

Basic chief judge: Jim Ward (assistant Sigrid Baumann)

Orange Competition Results Continued

Category - Sportsman

Rank	Pilot	Chapter	Known	Free	TBLP	Tot %pp
1st	John Nagy	58	1013.8809	1110.2029	2124.0838	81.07
2nd	Ted Wheeler	35	1060.6091	1038.9448	2099.5539	80.14
3rd	Dave Klingebiel	52	1014.2222	1073.3483	2087.5705	79.68
4th	Neville Hogan	35	1044.2941	1022.8838	2067.1779	78.90
5th	Rich Koos	91	994.8489	1039.7623	2034.6112	77.66
6th	Stephen Seidel	52	946.9051	1072.0064	2018.9115	77.06
7th	Peter Bocon	35	1003.5052	1014.3814	2017.8866	77.02
8th	Kevin Cavallo	91	992.3262	1014.2628	2006.5890	76.59
9th	Diana Latham	91	924.9234	1053.0904	1978.0138	75.50
10th	Scott Johnson	5	913.7218	1025.9280	1939.6498	74.03
11th	Scott Poehlmann	35	811.2822	1010.6577	1821.9399	69.54
12th	Dave Watson	35	774.1972	931.8254	1706.0226	65.12
13th	Steve Pennypacker	35	692.1518	908.0643	1600.2161	61.08
14th	Tom Hill	35	695.4766	826.2883	1521.7649	58.08
15th	Jack Rosen	35	650.2964	825.1412	1475.4376	56.31
16 th	Bill McGoldrick	35	0.0000	976.0070	976.0070	37.25

Sportsman judges: Guenther Eichhorn, Miriam Levin, Leigh McCue, Jim Parker, Kent Christman, Bill Finagin, Darwin Jones

Sportsman assistants: Paul Lopez, Bob McAndrew, Harley Carnes, Dick Gould, George Cole, Bob Gordon, Sasha Lore, Ron Burns

Sportsman chief judge: Jim Ward (assistant Sigrid Baumann)

Category - Intermediate

Rank	Pilot	Chapter	Known	Free	TBLP	Tot %pp
1st	Larry Willson	52	1459.6713	1608.2768	3067.9481	79.28
2nd	Harley Carnes	52	1456.5009	1580.5420	3037.0429	78.48
3rd	John Caccavale	91	1489.5620	1463.8219	2953.3839	76.31
4th	Bill Crawford	35	1408.6899	1527.4354	2936.1253	75.87
5th	Tony Capozzi	58	1456.3009	1426.2931	2882.5940	74.49
6th	Larry Bashore	58	1468.9662	1400.0313	2868.9975	74.13
7th	Tony Lore'	91	1448.7054	1383.7448	2832.4502	73.19
8th	Rich Pinkowski	52	1465.5466	1342.2561	2807.8027	72.55
9th	George Cole	91	1418.3183	1324.0863	2742.4046	70.86
10th	Bob Minkus	58	1380.1968	1311.8116	2692.0084	69.56
11th	Bill Matukaitis	35	1429.2598	1230.9939	2660.2537	68.74
12th	Sigrid Baumann	35	1352.7387	1226.1347	2578.8734	66.64
13th	Ron Burns	35	1501.1276	903.2367	2404.3643	62.13
14th	Bob McAndrew	58	1122.4919	1274.3844	2396.8763	61.93
15th	Carl Hunt	11	877.9169	1117.0800	1994.9969	51.55

Intermediate judges: Craig Lesinski, Guenther Eichhorn, Miriam Levin, Leigh McCue, Ed Morse

Intermediate assistants: Scott Poehlmann, Dave Klingebiel, Paul Lopez, Jack Rosen, John Nagy, Neville Hogan, Steve Seidel, Dave Watson

Intermediate chief judge: Jim Ward (assistant Karen Minkus)

Orange Competition Results - Continued

Category - Advanced

Rank	Pilot / Chapter	Known	Free	Unknwn	TBLP	Tot %pp
1st	Robert Stark /33	1635.4571	2246.6036	1463.7483	5345.8090	75.40
2nd	Charles Krueger /60	1434.8000	2432.8459	1321.0982	5188.7441	73.18
3rd	Bill Finagin /71	1395.7685	2452.0424	1275.5726	5123.3835	72.26
4th	Ron Saglimbene /52	1465.1419	2440.3397	1157.7005	5063.1821	71.41
5th	Scotty Gerber /91	1600.4878	2263.4543	1142.0895	5006.0316	70.61
6th	Hans Bok /35	1352.4412	1913.5092	1191.5467	4457.4971	62.87
7th	Darwin Jones /58	1019.9537	2019.0759	331.2458	3370.2754	47.54

Advanced judges: Craig Lesinski, Guenther Eichhorn, Miriam Levin, Ed Morse, Carl Hunt, Tony Lore, Jim Parker

Advanced assistants: Scott Poehlmann, Jack Rosen, Larry Bashore, Harley Carnes, Teri Nagy, Dave Watson, Dave Nichols, Carla Carroll, John Caccavale, Sasha Lore, Ed Duckwater

Advanced chief judge: Bob Minkus (assistant Karen Minkus)

Category - Unlimited

Rank	Pilot/Chapter	Known	Free	Unknwn	TBLP	Tot %pp
1st	Bob Cipolli /91	2575.2299	3243.5694	2423.6019	8242.4012	73.27
2nd	Jim Baker /60	2157.3429	3240.8701	2757.6332	8155.8462	72.50
3rd	Bob Gordon /60	2507.5050	2718.0626	2364.7781	7584.3457	67.42
4th	Craig Lesinski /35	2430.0757	2902.5122	1962.1948	7294.7827	64.84
5th	Guenther Eichhorn /35	1963.8811	2338.9734	2064.2919	6367.1464	56.60

Unlimited judges: Ed Morse, Bob Stark, Carl Hunt, Ron Saglimbene, Chuck Krueger, Tony Lore, Jim Parker

Unlimited assistants: Scott Poehlmann, Hans Bok, Neville Hogan, Leigh McCue, Bob McAndrew, Larry Bashore, Steve Seidel, Neal Frangesh, Kent Christman, Kevin Cavallo, Mike Davis, Steve Holup

Unlimited chief judge: Bob Minkus (assistant Karen Minkus)

Other awards:

* Paul Lopez won the Aviat Pitts Trophy with an 82+% score in S2A N6PS, in which he's a new partner.

* John Nagy won the new IAC Grass Roots Flight Medal flying his Zim in Sportsman.

* Chapter 35, our own New England Aerobatic Club, won the Chapter Team Trophy via the efforts of Ted Wheeler, Bruce Green and Neville Hogan. Congratulations, guys!

* Neville Hogan won the Jack Nolan Memorial Best First Time Sportsman Competitor award in his new S2B, N300FA. Jack was a Chapter 35 member who won Best First Time Sportsman in

the Orange, NY contest in 1993, then won the category at our Orange, MA contest in 1994. Three weeks later, Jack was killed in an accident. Jack was an avid and spirited aerobatic pilot, a volunteer who gave freely of his time, and a good friend to many of us in Chapter 35.

* Each year we recognize the IAC competitors with the lowest and highest IAC numbers. This year they are Darwin Jones (IAC 4483) and Dennis Wong (IAC 26742).

* Jack Rosen arrived in the One Design he built and left with wood for the highest scoring One Design driver.

Orange Competition Continued

Finally, some observations and recognition of people who made this contest memorable and possible:

- * John Nagy took first place in Sportsman on his 59th birthday. How's that for a cool present?!
- * Advanced Team member Bob Stark flew from south Florida and whisked away first place in that category. His Giles 202 shared the ramp with Bill Finagin's 202 and Bill Crawford's 200.
- * My friends Len Cushing, Bill Matukaitis and Steve Cunningham managed UNICOM operations with skill and aplomb. Len took a day off from his job as a tower controller at Nashua, NH, my home base, to come to Orange and talk to more airplanes. Even with that collective skill, no amount of cajoling kept a helicopter, Lake Amphibian, random Vero Beach and Wichita products and several C141s from making "guest appearances" in, near or over the box.
- * Bob Minkus took over chief judging duties for the upper two categories, providing me welcome relief to tend to CD and related duties. Bob was assisted by his wife Karen, whose professionalism and charm are overshadowed only by her quick wit. Any CJ would be lucky to have her help.
- * Warren Crossfield handled computer scorekeeping and kept his cool when confronted with 50 competitors and buggy software. He entered data for 105 flights (that's 525 forms A and about 6000 discrete grades). Wanting to see the competition, he brought his portable and often sat on the line, performing as close to real-time data entry as can be at a contest.
- * Rudy Penteadó, from two thousand miles away in Tucson, spent over an hour of his time on the phone with me Saturday night trying to troubleshoot a scoring software glitch. In the end, he sent e'mail to us describing a work-around. It worked. Thanks, Rudy!
- * Len Bedaw and the Orange Municipal Airport staff – Milton, Gabe and Kate – were attentive to our needs and made us feel welcome as always. Each year, Len gives us the airport with vague expectations that we'll keep the neighbors from rioting, and each year we do. Somehow, they keep asking us back.
- * Again, Marilyn Pearson from FAA's Bradley FSDO wrote us a great waiver. An IACer and former competitor and Skybolt driver, Marilyn came to our contest and put FAA's best foot forward.
- * Kitty Lesinski and Rob Petit did yeoman duty as registrars, assisted from time to time by Kitty's husband and new Unlimited pilot, Craig. They kept our judges' line & volunteers stocked with full clipboards, forever making Hans', Bob M's and my jobs possible.
- * Three IACers came to our contest only to judge. This was the first time I can remember where there was contention for judging positions – from a volunteer coordinator's perspective, a fine problem to have. Those people are Jim Parker, Miriam Levin and Leigh McCue, who doesn't want her folks to know that her "studying for finals" at Princeton included reading a small red book. Thanks and kudos to each of you.
- * Sigrid Baumann and Ed Morse kept volunteers on the judging line fed. Further, Sigrid bought pizza and subs for the whole gaggle of us on Friday night. IAC and USAF are lucky to have her aboard. Thanks!
- * Bill Crawford, Craig Lesinski, Hans Bok, Rich Pinkowski and several others made sure we had X-ed runways and a well marked box.
- * Steve Pennypacker arranged for hotel discounts and Saturday's excellent banquet at the Old Mill.
- * Orange is a tough site to find hangar space, but Pete Bocon made the very best of it as he always does. We plan to recognize Joe Vogt, one of the hangar owners who's been so good to us, with a special award later this year.
- * The menu of airport services hanging inside the terminal had somehow been transmogrified by the end of the contest. Gone were local rental car companies and restaurants; instead, it listed "Fat Taco", "Super D", "Swamp Thing", and "Yak man". I've asked Ed Duckwater to look into the meaning of all this.
- * A special thanks to our consummate boundary judge, Bob Wissenbach, who sat in a field near

Orange Competition Continued

the runway for 3 days calling airplanes "in" and "out". Also working the boundaries were Neville Hogan, Miriam Levin, Bill Matukaitis, Bill McGoldrick, Rich Koos, Dave Watson and Mike Davis.

* Ramp and runway starters Greg Ryan, Mike Goulian, Bill Crawford, Pete Bocon, John Caccavale, Dennis Wong, Darwin Jones, Alex Belov, Bill Matukaitis, Larry Willson and Steve Pennypacker fed airplanes to the run-up area at a fine rate and sent them flying when we asked.

* Kent Christman produced a beautiful collection of engraved trophies for category and special award winners.

* Hans Bok and, during Advanced, Dave Klingebiel served again as volunteer coordinators. They picked up every loose end at shift-changes and made it look easy.

* Finally: Remembrances of Kathy Jaffe were evident everywhere at Orange. Chapter 91's John Caccavale and Diana Latham made shamrock stickers with Kathy's name; they appeared on many airplanes by Sunday afternoon. Ron Saglimbene's Pitts sports Kathy's name on the cowl, and Sigrid Baumann hung pictures of Kathy taken on last year's judges' line. Kathy had been a tireless volunteer and competitor at our contest; though absent in person, her spirit was omnipresent.

If I've omitted anyone, it's due only my own negligence. You know who you are and, given sufficient sleep, I'll remember, too. My heartfelt thanks to everyone who volunteered and flew for making this a safe, fun, well-run contest.

Regards,
Jim Ward, Contest Director

Hanging by a Thread

Submitted by Steve Pennypacker:

Pilots joke that any landing you can walk away from is a good landing. We strive to always have a way out of any situation. When we fly acro, there's always that remote but very real and sudden possibility that the only path to a successful landing is to bail and land separately from our airplane. But how many of us are honestly ready to jump quickly, confidently, and

safely? I think not too many. Look hard in the mirror. If you, like me, have never jumped, then at best we're relying on luck, and at worst we're in denial. Either way, our "way out" is severely compromised. So, let's change that...

I guess it's appropriate that I did my first skydive yesterday, (8-1-99) right in the middle of all related e-mail threads (on the IAC exploder). I jumped because I figure I wear a chute for a reason. It's my "way out" if all else fails, and I didn't want my first time to be in an emergency at low altitude when I'm already stressed and not at peak mental performance. My kids deserve it. Maybe my recent and relevant experience can help some of you who have never jumped, in terms of what to expect and your own safety planning.

In a nutshell: If you think you can successfully bail in an emergency from low to moderate altitude with no training, you're probably wrong. Fear, uncertainty, and hesitation are powerful paralyzers. I bet the statistics back me up here, 'cause it sure seems that a lot more people ride their planes into the ground than try to get out. This realization was my real motivation for doing this, and my goal is to have no hesitation about bailing. If you're thinking "I'd never jump out of a perfectly good airplane", you're helping to prove my point.

I'll try an analogy to put the jump in perspective. It was very comparable to my first spin. If that first full spin had been accidental, I'm quite sure I wouldn't have survived it. I was disoriented, hardly knew which way we were turning or how many turns, and probably not thinking clearly enough to apply the correct controls. Now spins are second nature. Experience and training are the keys to understanding what's happening and reacting to it quickly and effectively. Same with jumping.

Leaving the airplane yesterday didn't take too much coaxing, but to get the necessary mind-over-matter quotient, I sure had to think about it for a few seconds. The first few seconds of free fall were total sensory overload, during which I never could have thought clearly enough to look - reach - pull. And this is best case, with a very calm and reassuring instructor hooked tightly to my back, at 10,000' AGL, with plenty of both ground and in-flight preparation, no outside stress, etc. If I had to do this solo, under severe stress, after leaving an unrecoverable airplane at 3,000', I probably wouldn't have been successful. From 1,000' (a realistic bailout altitude for many of us), I'm certain I wouldn't be the one making the phone calls. Again, this is all best case.

...Thread – Continued

So, the question of the day is, "did this first jump make me more confident that I could bail successfully"?

The answer is yes... and no.

"Yes", because now I know I can get myself to jump, and I'm slightly less afraid of it. Fear causes hesitation and paralysis, so that counts for a lot. Having done it once, I expect things won't happen quite so fast the next time, so I'll be able to react more quickly. There's no doubt that my chances would improve a lot after yesterday. But "chances" are a bad option when a possible outcome is death. "No", because the first few seconds were pretty disorienting and terrifying (in a cool sort of way!), and also because I still have not had the experience and responsibility of finding & pulling a rip cord in free fall. Sounds simple, but I bet in an emergency it'd be pretty tough without having done it before. I'm sure that given 10,000 feet I could do it, but in an acro-altitude emergency I might not get things done in time.

The next step is to take the advanced free fall ground school and do at least a couple more jumps to get a little more control over those first few critical seconds and get comfortable with "look, reach, pull" very quickly. At that point, I should be comfortable with the idea of bailing at any time. Some sort of annual recurrent jump might not be a bad idea as well.

If you've read this far, you're already interested in safety and planning. Take this all as a word of encouragement. I'd recommend a first tandem jump to you. It's \$200 that could help save your life, though I sure hope you never have to use it. Oh yeah... did I mention it's an absolute blast?

Steve Pennypacker

Editor's note: Steve is absolutely right. Two years ago when I was in a thrill-seeking mood, I decided to jump "out of a perfectly good airplane" just in case I ever had to do it involuntarily. Not only was it a blast, I recall the sensation every time I mentally rehearse my emergency bailout. The initial sensation of free fall is quite... heart-stopping. You loose so much altitude so quickly it's unbelievable. A moment's hesitation at low altitude could cost you your life. I keep my plane at No. Central and have my 'chutes re-packed by these guys. One "practice jump" could be a life-saver some day and it really is a 'rush'.

Ohio Competition Results

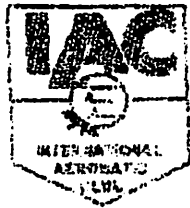
Spring-like temperatures and clear air dominated the 1999 Ohio Aerobatic Open. Unfortunately skanky weather on the East coast kept some away, but those that made it enjoyed uninterrupted flying. Several early arrivals took advantage of the box which was open from Wednesday through Friday for practice and critique. The Advanced category began their flights Friday afternoon, June 18th, and the contest completed at noon Sunday, June 20th. One of Chapter 34's resident Stearman and our (Mike Smyser's really!) T-6 competed in Sportsman and Chapter 11's Mark McKibben brought his nice T-Craft to Intermediate and won the "President's Award for Grass Roots Achievement" for his efforts. Mark's finishing spot does not tell the whole story as a mechanical abort in the 3rd flight pushed him down well below where he would have finished otherwise. Who said you had to have a lot of horses under the hood to compete in Intermediate? Pitts still ruled the roost in the presence of Sukhoi's, Extra's, Staudacher's, and Giles' with S-2B's winning both Sportsman and Intermediate and an S-1S winning Advanced. That particular S-1S was the airplane Betty Stewart used to win two World Championships in the 1980's and hadn't been in competition for several years. It obviously enjoyed getting back into the box and stretching its wings!

My thanks to the many, many volunteers and sponsors who made the 1999 Ohio Aerobatic Open a big success. I hope those of you who didn't make it this year will come visit us in 2000.

Brian Howard
Contest Director

Official Results for Chapter 35 members I.A.C. Scoring System Version 99

Category Sportsman		
2nd	NEVILLE HOGAN	83.79 %
Category Intermediate		
5th	BILL CRAWFORD	83.38%
Category Advanced		
4th	ART HICKS	78.46%



Michigan Competition Results

Below are the results from the Michigan Aerobatic Championship - Henry Haigh Challenge held at Jackson MI on July 3 and 4.

Many thanks to all the pilots, spouses and friends who pitched in and made this contest a success. After a cloudy day on Saturday all worked hard to get everyone at least one flight on Sunday.

RICHARD HAAS
Contest Director

Official Results for Chapter 35 members,
I.A.C. Scoring System - Version 99

Category - Advanced

5th ART HICKS 69.78%

AWAC Results

The Advanced World Championships were held in the Czech Republic over the week of the 4th of July. The top finishers and the US finishers were as follows. For further details please visit the IAC website.

Place	Pilot	Country	Plane
1 st	P. Biskup	CZE	Z-50LS
2 nd	G. Bichet	FRA	C 222
3 rd	V. Popov	RUS	JAC 54
4 th	J. Cech	CZE	Z-50
5 th	G. Dell	RSA	Z-50
16 th	R. Stark	USA	C 222
19 th	B. Lang	USA	Pitts
31 st	M. Smith	USA	S-2B
32 nd	D. Schwartz	USA	S-2B

Upcoming "local" Competitions

The New England Aerobatic Club, IAC Chapter 35, invite you to join us on August 20 - 22 for the 1999 Green Mountain Aerobatic Contest - a five category contest. Hartness State Airport (VSF) located in Springfield, Vermont is the contest site.

The box will be open for practice on Friday, August 20th. Competition will start at 8:30 on Saturday morning.

We hope to see you there!

Regards,
George Coy
Contest Director

E'mail: gesoco@together.net
Phone : 802-868-5633
Fax : 802-868-4465

Tentative Schedule

August 20 Fri
 1000 - 1900 registration; practice
 1900 food on the field, TBD
 21 Sat
 0700 briefing
 0800 registration
 0830 - 1830 contest flying -- all categories, known and free
 1900 banquet
 22 Sun
 0800 briefing
 0900 - 1430 contest flying -- all categories, unknown
 1500 awards ceremony
 Hangar space at Hartness State is limited. We'll make it available on a first-come, first served basis. Sign up for hangar space when you register on-site. In addition to awards for the top 3 pilots in each category, we offer:

- * Best First-Time Sportsman Award
- * Chapter Team Trophy
- * Grassroots Award

Fees

Contest registration: All Categories \$60
Food on the field (Fri) contribution
Banquet, per person \$25 (max)

Banquet

The banquet will be held at the Hartness House Inn on Saturday evening at 7 PM. Transportation will be arranged at the airport.

Lodging

The Hartness House Inn 802-885-2115

Holiday Inn Express 802-885-4516

Inn at Weathersfield 802-886-9217

Hartness State Airport

By air: NY Sectional, Keene (EEN) VORTAC 357 degree radial, 33 NM.

43.20.62N, 72.31.04W. LOC, LOC/DME, NDB, GPS and RNAV approaches.

By car: Directions by car: get off I-91 at the Springfield exit, go thru Springfield, follow Rt. 106 north about 4 miles; at the intersection of Rts. 10 & 106 bear right on 106; the airport is the first right after this intersection (there are signs.)

Arrival: Runways 5-23: 5498'x100'; 11-29: 3000'x75'. Field elevation 577'MSL. Hartness State Unicom 122.8. Fly right traffic for runway 23, left traffic for runway 5. Runway 11-29 will be closed during the contest.

Caution: The aerobatic box is east and parallel to runway 5-23.

What to Bring

Aircraft: airframe and engine logs showing last annual or condition inspection (photocopies of these logs are acceptable); airworthiness certificate; registration certificate; radio; operating limitations; weight and balance data; in-pack chute (<120 days) & pack card; proof of insurance

You: pilot and medical certificates; IAC membership card; FAI license (Unlimited competitors only); 7 copies each of free style forms A, B and C, signed and dated ('99) by a current IAC judge; \$

- Photocopies of documents are permissible for IAC contest registration; however, FAA requirements may differ. Please come prepared!

IAC Chapter 52 cordially invites you to our annual aerobatics contest in the Catskills, this year named the Kathy Jaffe Challenge, held on September 10th through 12th. Basic through Unlimited Power: The practice box opens Thursday, September 9th. Unlimited Known flown on Friday. For all information regarding this contest, lodging, transportation, schedule & directions please go to our chapter website at <http://www.iac52.com>

Alex Belov

International Aerobatics Club Chapter 52
www.iac52.com

IAC Chapter 113, with the cooperation of the Bucks County Airport Authority, will be hosting a five-category contest October 1-3, 1999 at Quakertown Airport (UKT), Quakertown, PA. Information can be found on our website at <http://www.iac113.com/events/99contest.htm>
Schedule: Practice Friday 0900-1400
Unlimited Known Friday 1500,
Basic flies Saturday* (weather permitting)

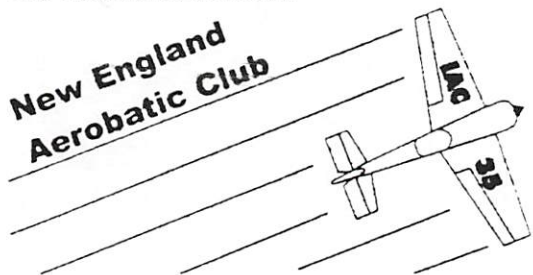
Special Note: We have designed the Basic category as a one day event to encourage first time competitors to participate without investing an entire weekend. Competitors in Basic (and their safety pilots) will have a special briefing at 1000 on Saturday, fly in the afternoon, and receive awards in time to go home if desired.

Contest Director Bruce Everett 215/230-8861
beverett@iac113.com
Event Coordinator JD Johnson (w)215/784-4137
(h) 215/795-5333 jjohnson@iac113.com

JD Johnson
President
IAC Chapter 113
Doylestown, PA
www.iac113.com

International Aerobatic Club - Chapter 35
Dave Watson
19 Forest Ln.
East Greenwich RI 02818

**New England
Aerobatic Club**



MR VAL BEAUDRAULT
RR 1, BOX 1240
WEARE, NH 03281

03281X9801



The Hammerhead

ANOUNCEMENT:

PLEASE TAKE NOTE THAT THE MONTHLY CHAPTER MEETINGS HAVE BEEN RE-SCHEDULED TO 11:00 ON THE 3RD SATURDAY OF EACH MONTH AT MANSFIELD AIRPORT. WE HOPE TO SEE MORE OF YOU AS A RESULT!!!!!!

Inside this issue:

Y2K Elections, Wet T-shirts, and New Members
Get your Hammerhead via e-mail
Competition Results from;
Kathy Jaffee Challenge, Green Mtn.,
Virginia and North East Championships
Judges School
Stars, Stars, Stars
Bok Talk
And much, much, more.....

2000 Chapter Elections

CURRENT IAC CHAPTER 35 OFFICERS

President: Hans Bok

Phone: (508) 994-5957
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Vice-President: Bill Crawford

Phone: (617) 267-8945
E-mail: wcc@crawford.tiac.net

Secretary: Kent Christman

Phone: (617) 661-6428
E-mail: kentgc@aol.com

Treasurer: Sheldon Apsel

Phone: (781) 837-9726
E-mail: sheldona@fs.micrologic.com

Newsletter Editor: Dave Watson

Phone: (401) 884-3002
E-mail: hammerhead35@home.com

New Member Coordinator:

Kent Christman

Phone: (617) 661-6428
E-mail: kentgc@aol.com

Safety Officer: Craig Lesinski

Phone: (508) 695-0002
E-mail: aerobatika@aol.com

Achievement Awards Chairperson:

Sigrid Baumann

Phone: (603) 964-54787
E-mail: sigextra@nh.ultranet.com

You've heard of the Y2k glitch – well here it is. All these officers have all announced their intention to run for re-election for the upcoming 2000 season. Anyone else interested in running for any of the positions (particularly the newsletter editor!) may do so by informing Hans Bok prior to January 31st.

If you do not want to hold an office but want to get more involved in the chapter, PLEASE ATTEND THE MONTHLY BUSINESS MEETINGS AND CONTRIBUTE ANY WAY YOU CAN.

New Members

Chapter 35 welcomes Charles Schumacher and Joe Keenan to our group of active fliers. Charles was at the Springfield competition sponsored by Ron Burns. Joe flew in the Maytown contest. Charles flies a Pitts S1-T and Joe Keenan flies a Super Decathlon. Welcome, Charles and Joe.

Chapter 35 Sponsors 5th Annual Judges School

Chapter 35 will once again host a Judges School this year. The Introduction to Aerobatic Judging School will be held on February 5 and 6, 2000 at East Coast Aero Tech located at Hanscom Airport (BED) in Bedford, MA . The instructor will be Ray Rose. This is an excellent way for starting competitors to learn the fine points of what the judges are looking for and keep in mind the entire catalog was re-written for CIVA compliance – LEARN THOSE CHANGES ASAP. Registration will begin at 8 a.m. on Saturday with class starting at 8:45 a.m. and ending at 5:00 p.m. The Sunday class will start at 8:30 a.m. and end at 2:00 p.m. **Judges who are going to the school for recurrency need only to attend the class on Sunday.**

There is one standard package available for the standard course or recurrency. Materials will be available for sale with the course (please indicate the materials desired when pre-registering):

COURSE or RECURRENCY - \$40.00
NO FAI Aerobatic Catalogue
NO IAC Rule Book
IAC Rule Book Revisions 2000
Home Study Course
Student Handbook
Registration Form
Judges' Log , School Analysis Form

Materials Available For Sale	Price
1. FAI Aerobatic Catalogue 2000 (Insert and binder) *	\$35.00*
2. FAI Aerobatic Catalogue 2000 (Insert only) *	\$15.00*
3. IAC Rule Book	\$15.00*
4. 2000 Known Sequence Calling Primer (Audio Cassette Tape)	\$8.00

PRE-REGISTRATION IS NEEDED TO ORDER ADEQUATE MATERIALS

Space is limited to 30 participants

Contact Hans Bok by January 20, 2000 at 508-994-5957 or e-Mail: hbok@ici.net.

Checks or cash will be collected at the door. IAC Membership required for Certification.

The "Chapter 35 Judges Program" will be in effect again this year. The program will rebate the cost of the course (up to \$50.00) to any IAC Chapter 35 club member attending our Judges School that becomes a judge in 2000.

Hotels:

Double Tree Guest Inn: (781) 890-6767
Sheraton: (781) 862-8700
Holiday Inn Express: (781) 861-0850

We hope to see you there!

Lost Members

The following members have had their Hammerheads returned to the editor. If anyone knows their whereabouts please let me know at hammerhead35@home.com. Thanks, Dave

Jim Carroll	Oakland	ME
Barry Chester	Boston	MA
Ed Grossheim	Wakefield	MA
Richard Moore	N. Swanzey	NH
Gregory Ryan	Sommerville	MA
Chuck Yahrling	Ogunquit	ME

Mailing Errors

In review of the Hammerhead mailing list vs. Membership list, I noticed that several members may have not been receiving the Hammerhead. I do not know how this occurred but I greatly apologize for this error. There have been a total of three issued hammerheads this year (April, June and this issue). If you did not receive either or both of the past issues, please let me if you would like me to send you back issues. – Dave

Monthly Newsletters – NOT!

We conducted an exclusive interview with Dave Watson the editor of our newsletter and got his answers to the most common questions from Chapter 35 members about the newsletter:

Q: When do you mail out the newsletter?

A: It's a very complicated equation involving; the amount of newsworthy information, the availability of my time and the BOK TALK, and the price of stamps.

Q: How can the members contribute to a more successful Hammerhead?

A: Apply progressive right rudder and forward stick on the way up.

Q: OK smart-@\$\$\$. How can we improve the newsletter and keep the Chapter members informed.

A: 1) You can contribute to your newsletter! Although I enjoy doing it – I can't be the reporter, writer, editor, and producer every month. This last year, only one article was submitted by a chapter member. 2) We can each take turns writing the BOK TALK – Hans has the same problem I do, He's very busy and this is a voluntary position. 3) One more thing –

We can greatly simplify the production process and COST of the newsletter by providing us with your current e-mail address so you can receive the Hammerhead in its electronic glory. This will save the Chapter hundreds of dollars each year.

If you want to be an electronic subscriber please e-mail Dave W. at hammerhead35@home.com and put "electronic subscription" in the title. Think of the fun you can have with an electronic copy – put your picture on the cover – *winning the nationals*. What ever you want !!!

Chapter 35 Annual Banquet

Following on the success of the last year's banquet, Bill Crawford is again organizing the annual banquet. At the time of Hammerhead production, there were no details except that it will be held in March or April and that you don't want to miss it. Contact Bill Crawford (phone number and e-mail on cover) for details.

Here Comes the JUDGE!

At the Long Island competition, during the rain delay, Dave Watson subjected himself to a grueling interrogation from Bob Minkus (co-author of the rule book) and Guenther Eichhorn (someone who likes to throw the rule book at pilots) for his oral judges exam (talk about and acid test). It took several other chapter 35 members to bring Dave out of the coma at the end but rumor has it he passed – Dave's first words – "So where's my \$50.00". You too can have this exhilarating experience by simply going to this February's judges school, taking the written test, getting in the minimum assists, and passing the oral exam – a deal at \$50.00 (*it works out to about \$.50 per hour*).

Tax Deduction Needed?

Chapter 35 is in need of a 10 –12 foot enclosed trailer to store all of our tables, chairs, box markings etc. Since we will be holding two competitions each year we need to be mobile. If you know of a way we can obtain one cheaply (spelled free) please let Hans know. Of course the contribution is fully tax deductible.

Wet T-shirt Competition!!!!

Yes, the *ink* is wet. We are going to print T-shirts for our Orange competition this year and need ideas for the design. Some of the ideas that came out at the last meeting were: 1) a red, white and black starburst Super Decathlon going ballistic, 2) a red, white and black starburst Super Decathlon doing a snap, or 3) a red, white and black starburst Super Decathlon inverted over a resemblance of the newsletter editor. If we don't get any other contributions we will have to vote on one of these outstanding suggestions. Bring your artwork or idea to the next chapter meeting! We do have a volunteer to do the graphics layout – we are just looking for the idea! The person providing the winning artwork will get 10 points added to their Orange competition results.

Green Mountain Contest Results

Held August 21-22, 1999

IAC Chapter 35 would like to thank all those folks who attended and helped make the 1999 Green Mountain Aerobatic Championship in Springfield, VT a successful and fun contest. We started the weekend with wonderful weather on Friday for the setup and Practice. First Time Contest Director George Coy was at the airport early with everything we needed. First time registrar Marge Butterfield stepped up and did a great job with all the IAC paperwork required to run a contest. Everyone who arrived Friday had at least one chance to fly in the box. On Saturday the sky was overcast and things were wet from the overnight rains, but we held the briefing and waited for the clouds. By 9:30 the sky was 4000 overcast with unrestricted visibility. We were ready to start but we didn't have enough judges. A few phone calls and Poof...Bill Sconce, Dick Bovey and Kathy Huelet appear from the sky and the contest is on. We flew till 3pm when the rains started again but in that time Sportsman had flown twice, Intermediate and Unlimited once. We then retired to a relaxing afternoon and great banquet at the Hartness House.

We tried to fly Sunday morning but the low clouds did not let us get the second Intermediate and Unlimited flights in. It did breakup about noon and let everyone except Canadian Roy Ramsey from PEI to depart that afternoon (everyone had GPS issues). Roy got out Monday. The folks at Springfield were great to us again thanks to airport manager Steve Buckingham.

It was a small contest but fun and relaxing. Hope to see you all back next year as we plan to do it again on the same August weekend.

Thank you for all,

Craig "yakboy" Lesinski

Official Results

Category – Sportsman - 2 flights

Rank	Pilot	Chapter	TBLP Tot	%p
1 st	Neville Hogan	35	1999.5237	76.32
2 nd	Dave Klingebiel	52	1946.4796	74.29
3 rd	Dave Watson	35	1912.9233	73.01
4 th	Peter Bacon	35	1898.3116	72.45
5 th	Bruce Green	35	1897.3544	72.42
6 th	Kevin O'Shea		1159.2732	44.25
7 th	Charles Shumacher	35	966.1027	36.87

Category – Intermediate – 1 flight

Rank	Pilot	Chapter	TBLP Tot	%p
1 st	Larry Bashore	58	1519.6097	80.40
2 nd	Ron Burns	35	1464.6135	77.49
3 rd	Ray Moorman	35	1364.0759	72.17
4 th	Roy Ramsey	35	1101.7883	58.30
5 th	Sigrid Baurmann	35	1073.7828	56.81

Category - Unlimited – 1 flight

Rank	Pilot	Chapter	TBLP Tot	%p
1 st	Craig Lesinski	35	2236.5000	69.46
2 nd	Guenter Eichhorn	35	2205.1667	68.48

Special Awards:

Grassroots Award - Dave Watson

Congratulations to Guenter who qualified for his Unlimited with Stars Achievement and now has completed all 10 IAC Patch awards.



Chapter 35, Green Mountain Award Winners (L to R): Guenter Eichhorn, Ron Burns, Craig Lesinski, Neville Hogan, Ray Moorman, and Dave Watson. Note: Spectacular Super Decathlon in background.

Kathy Jaffe Challenge Contest Results

Held September 10-12, 1999

The remains of hurricane Dennis on Thursday and Friday prevented a lot of pilots from being able to make the trip to the Catskills to participate in this year's IAC Chapter 52 annual contest, the Kathy Jaffe Challenge. Nevertheless, after the weather cleared 24 pilots representing 6 different chapters were able to take up to the beautiful skies and compete in 3 flights each on Saturday and Sunday. Gorgeous weather, my personal favorite - Top Gun soundtrack playing over the speaker system, good food and wine and nighttime dancing made it an excellent and a very enjoyable contest. A big Thank You goes to all competitors and volunteers who made this year's contest a success. See you all again next year!!!!

Contest Director - Ron Chadwick

Official Results

Category - Basic

(Results calculated using TBLP w/ min.weight threshold at 1.2 std.dev. - 3 flights)

Rank	Pilot	Chapter	TBLP Tot	%p
1 st	Steven Cook	52	1045.4492	79.20
2 nd	Alex Belov	52	1031.8580	78.17
3 rd	Kaye Curtis	109	1011.2191	76.61
4 th	Olga Mitchell	52	982.4289	74.43

Category - Sportsman

(Results calculated using TBLP w/ min.weight threshold at 1.2 std.dev. - 3 flights)

Rank	Pilot	Chapter	TBLP Tot	%p
1 st	Dave Klingebiel	52	3291.8897	83.76
2 nd	Stephen Seidel	52	3287.7658	83.66
3 rd	Ron Chadwick	52	3222.8246	82.01
4 th	William Green	52	3205.8058	81.57
5 th	Neville Hogan	35	3170.4963	80.67
6 th	Peter Bocon	35	3166.0404	80.56
7 th	Karen Greenfield	58	3119.3544	79.37
8 th	David Watson	35	2984.4922	75.94
9 th	Charles Schumacher	35	2861.3836	72.81
10 th	Leigh McCue	58	2458.4897	62.56
11 th	Karen Bulluck	52	1668.1622	42.45

Category - Intermediate

(Results calculated using TBLP w/ min.weight threshold at 1.2 std.dev. - 3 flights)

Rank	Pilot	Chapter	TBLP Tot	%p
1 st	Mike Herbert	11	4014.7611	81.77
2 nd	Harley Carnes	52	3982.1536	81.10
3 rd	Ron Burns	35	3859.7974	78.61
4 th	Larry Wilson	52	3782.2572	77.03

Category - Advanced

(Results were calculated using Straight Average - 3 flights)

Rank	Pilot	Chapter	TBLP Tot	%p
1st	Ron Saglimbene	52	5940.5000	82.16
2nd	Ron Spencer	52	5810.8000	80.37

Category - Unlimited

(Results calculated using TBLP and Straight Average - 3 flights)

Rank	Pilot	Chapter	TBLP Tot	%p
1 st	Guenther Eichhorn	35	8404.5266	72.14
2 nd	Charles Kalko	52	7784.2653	66.82
3 rd	Michael Cutshaw	98	5886.3587	50.53

Special Awards:

Pitts Trophy - Dave Klingebiel
 American Champion Trophy - Karen Greenfield
 Grassroots Award - Karen Greenfield
 Good Sportsmanship Award - Ron Chadwick
 Kathy Jaffe Spirit of Aerobatics Award was presented to Larry Bashore (President IAC Chapter 58).



Hans performing a high performance slip on final at a recent practice session at Plymouth-NOT.

Northeast Aerobatic Championship Results

The Northeast Aerobatic Championships were held at Gabreski Airport, Westhampton NY on October 7 - 10. Attended by 40 pilots, the contest was running smoothly until Sunday morning when the rains arrived. Even though the contest was ended early, all categories flew twice except Basic and Sportsman. There are so many people who helped to make this contest a success.

Sponsors - Mike Mancuso of Gyroscopic Obsession and Jan Burden of Malloy Air East.
 Chief Judges - John Cornwell and Ray Rose
 Assisting the Chief Judges - Andrew Cornwell, Karen Minkus and Lois Rose.
 Volunteer Coordinator - George Cole.
 Starter - Kevin Cavallo and Scott "GORDO" Gerber.
 CO-Contest Directors - John "TACO" Caccavale And Diana "SUPER D" Latham.

Official Results

Category - Basic – 1 flight

Rank	Pilot	Chapter	TBLP	Tot	%pp
1 st	Tim Dahlen	91	363.0173	82.50	
2 nd	Steven A. Cook	52	346.1292	78.67	
3 rd	Margie Giering	11	343.2584	78.01	
4 th	Joe Llinas	91	324.1344	73.67	
5 th	Margaret Boyd	91	310.4446	70.56	
6 th	Lee Champigny	91	299.5791	68.09	
7 th	Mark Benton	52	281.1720	63.90	
8 th	Tom Duff	91	275.3690	62.58	
9 th	Olga Mitchell	52	234.8889	53.38	

Category - Sportsman – 1 flight

Rank	Pilot	Chapter	TBLP	Tot	%pp
1 st	Diana Latham	91	1085.6587	82.87	
2 nd	Dave Klingebiel	52	1035.9063	79.08	
3 rd	Bob Minkus	58	1026.2856	78.34	
4 th	John Nagy	58	1024.6588	78.22	
5 th	Kevin Cavallo	91	1003.6323	76.61	
6 th	Karen Greenfield	58	995.0729	75.96	
7 th	Craig B. Wisman	58	976.7454	74.56	
8 th	Bruce Green	35	963.7647	73.57	
9 th	David Watson	35	926.0342	70.69	
10 th	Neville Hogan	35	523.3069	39.95	
11 th	Terri Nagy	58	268.1266	20.47	
12 th	Leigh McCue	91	252.4638	19.27	

Category - Intermediate – 2 flights

Rank	Pilot	Chapter	TBLP	Tot	%pp
1 st	Ronald Burns	35	3155.3459	81.53	
2 nd	Bill Crawford	35	3147.8750	81.34	
3 rd	Larry Bashore	58	3099.8425	80.10	
4 th	Mike Herbert	11	3029.8058	78.29	
5 th	John Caccavale	91	3015.6218	77.92	
6 th	Mark McKibben	11	2949.4747	76.21	
7 th	Sigrid Baumann	35	2849.7999	73.64	
8 th	Richard Pinkowski	52	2803.3691	72.44	
9 th	Bob McAndrew	58	1367.8347	69.25	
10 th	Carl V. Hunt	11	2539.8339	65.63	
11 th	Vinny Nasta	91	2512.2471	64.92	
12 th	George Cole	91	1005.3120	25.98	

Category - Advanced – 2 flights

Rank	Pilot	Chapter	TBLP	Tot	%pp
1 st	Jim Reiher	91	4380.4504	84.08	
2 nd	Ron Saglimbene	52	4049.3597	77.72	
3 rd	Scotty Gerber	91	4042.6451	77.59	
4 th	Ron Spencer	52	1697.0497	32.57	

Category - Unlimited – 2 flights

Rank	Pilot	Chapter	TBLP	Tot	%pp
1 st	David Windmiller	91	6180.5210	80.48	
2 nd	Guenther Eichhorn	35	5755.6770	74.94	
3 rd	Craig Lesinski	35	5655.3118	73.64	

Northeast Aerobatic Champions

The Northeast Championship Awards were presented at the Northeast Championships. Is this a redundancy? No not really. These very special awards are given to the pilots who have the best three finishing places in the 5 "local" competitions (Orange, Maytown, Kathy Jaffee, Green Mtn., and Northeast contests). The 1999 Northeast Champions were:

Category	Pilot	Chapter
Basic	Margie Giering	11
Sportsman	Dave Klingebiel	52
Intermediate	Mike Herbert	11
Advanced	Ron Saglimbene	52
Unlimited	Guenther Eichhorn	35

Congratulations to all.

A Star with Stars, Stars, Stars

As a result of his score at the Green Mountain Championships, Guenther Eichhorn finished his collection of patches with the Unlimited with Stars Award. This also qualified him for the All 5 Patches with Stars Award and the All 10 Patches Award. Guenther accomplished this while flying his 200 hp Pitts S1-A. When Guenther was asked how he going to follow-up such an achievement next year he told the Hammerhead that he "will be flying a Clipped - wing Cub next year in an attempt to defend his Unlimited Northeast Championship and win the Grass Roots award simultaneously.

Congratulations Guenther.

Virginia Competition Results

There was this competition way the hell down in Virginia that Bill Crawford flew to late in October. Rumor has it that he got lost on the way and logged enough time in his plane getting there that he got proficient flying it. After the long flight, he arrived and opened up 3 cans of whup-ass and won all three Intermediate flights. He came home with the 1st place trophy and the determination to fly Advanced next year.

Congratulations Bill.

Bok Talk

The year has come to an end. The year started tragically with Kathy Jaffe's untimely death in her Pitts while practicing. The consensus is that she entered a cross-over spin and never realized she was in an inverted spin. She will be missed by all that knew her. Unfortunately, accidents like these only emphasized the need for proper training. For those of you who have not had spin training, please do so. It can save your life.

We sponsored two contests this past year. Both contests were safe, well run and were enjoyed by all those who attended. Jim Ward did an excellent job running the Orange Contest while George Coy and Craig Lesinski did an outstanding job with the Springfield Contest. The Springfield Contest was truly an International Contest as Roy Ramsey flew down from Canada in his beautiful Pitts S1T. By the way, Roy is a Chapter 35 member.

I want to particularly congratulate Guenther Eichhorn for his persistence in flying Unlimited in his Pitts S2A. It was, at one time, considered to be an unlimited capable machine, but not today. While most people feel that the Pitts is being displaced by more powerful monoplanes, Guenther showed us what can be done with smooth flying.

This year, we had several critique sessions available so every chapter member had an opportunity to practice and improve. I want to thank Craig Lesinski, Neal Frangesh, Charlie Ryan, Bill Crawford, Ryan Watson, and others for their help in making the sessions a success by sitting in the field and patiently providing feedback to the pilots, flight after flight. I also want to thank Bill Crawford for graciously letting us use the C.R.A.P. Center and his car for several of the sessions. I also want to thank Craig Lesinski for the use of his car during the practice sessions as well. Our intent is to continue to hold these sessions next year. Any one who is interested in participating, please give me a call or send me an email. We will try to hold sessions over the winter as the weather allows. The sessions are not on a regular schedule and we try to notify people usually a week or so before they take place.

It was also enjoyable to watch people improve over the year. One that comes to mind is Bill Crawford and Ron Burns. Bill trained steadily during the season, which culminated with a win at the Virginia contest in the Intermediate category by winning all three flights. Outstanding. Did I hear "move up"?

Ron placed in the top three places in Intermediate for all the contests he entered this year except for one. He also won the category at the Long Island Contest, the last contest that he entered. Great Flying!

Running contests over the years can be a grueling amount of work. Jim Ward has handled the brunt of the work for the Orange Contest for the last several years. Recently, Jim indicated that he would not be running the upcoming Orange Contest. I want to thank Jim for the effort and time he has invested in the past. One cannot appreciate what he has done until you see how much work it takes. His shoes will be hard to fill.

As mentioned elsewhere in the newsletter, we will be holding our annual banquet in March or April. Look for upcoming details in the next newsletter. We look forward to seeing you there.

Safe Flying !

Hans

Please Notice:

Upcoming Judges School – Feb. 5th and 6th.

New time for monthly meetings – 11:00 on 3rd Saturdays.

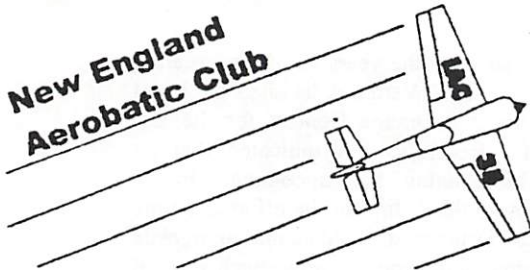
Candidates/nominations needed for 2000 offices.

Annual banquet date – TBA.

All this and more.... inside.

International Aerobatic Club - Chapter 35
Dave Watson
19 Forest Ln.
East Greenwich RI 02818

**New England
Aerobatic Club**



PROV RI *02904* PM 01/14/00 22:31 #13

MS PRISCILLA BEAUDRAULT
RR 1, BOX 1240
WEARE NH 03281



DIRECTIONS TO DAVIO'S RISTORANTE

From the North via Route 93 S

Take 93 South to Exit 26, "North Station/Storrow Drive". Follow directions "From the South"

From the South via Route 93 N

Take 93 North through Boston to Exit 26, "Cambridge/Somerville and Storrow Drive." Go down the exit ramp and stay to the far right, following signs for Cambridge. Do not get on Storrow Drive. At the end of the ramp you will come to a set of lights. Take a left on to Nashua Street and an immediate right on Route 28 North/O'Brian Highway. You will pass the Museum of Science on your left. At the first set of lights take a left on Edwin Land Boulevard. The Royal Sonesta is on the left at the first stoplight, across the street from the Cambridge Galleria Mall, approximately one mile from the exit ramp.

From the West via Route 90 East/ Massachusetts Turnpike

Take the Mass. Pike to Exit 18 "Allston/Cambridge," a left sided exit. Go through the toll booth and bear right, following signs for Cambridge and Somerville. Proceed through two sets of lights and go straight over the River Street Bridge, crossing the Charles River and take a right turn on to Memorial Drive East (a Mobil gas station will be in front of you.) At the first split stay in the left lane and proceed over a bridge marked "cars only." Move immediately into the right lane and bear to the right at the last split. Proceed under the Longfellow Bridge. Memorial Drive now turns into Edwin Land Blvd. and the Royal Sonesta Hotel will be on your right at the second set of lights, approximately seven miles from exit.

From Route 2

Take Route 2 East and follow signs for "Watertown/Boston & Route 3." You will pass the Alewife Train Station on your right. At the first rotary stay to the left and continue on Route 3. At the second rotary bear right staying on Route 3. After approximately two miles you will come to an intersection. You will see signs for Soldiers Field Road/Memorial Drive. Take a left onto Memorial Drive East (Charles River will be on your right.) Go approximately one mile, pass a Mobil gas station, and at the first split in the road stay in the left lane and proceed over bridge marked "cars only." At the second split in the road stay left again and go under the bridge marked "cars only." Move immediately onto the right lane and bear right at the last split. Proceed under the Longfellow Bridge. Memorial Drive now turns into Edwin Land Blvd. and the Royal Sonesta Hotel will be on your right at the second set of lights, approximately 4 miles from Memorial Drive.