

TriState Helicopter Club



TRI-STATE HELICOPTER CLUB

The Collective Pitch

From The President's Desk

Wow! IT was blowing 25-30 mph There was the food crew, and we still had 28 die hard Craig, John, Slim, Dale and pilots. That's right even probably others. The GCRCC with strong winds and over- field mowing crew had the cast conditions the fun fly field ready for use on Friday went on. Pilots from Indy, night and it looked great. Pittsburgh and the Akron area Next year's event will be attended our first open fun- better than ever. The out of fly. Sunday's weather would towners commented on how nice have been really nice, so a facility we had and next next year we'll order early! year I will be sure to re- I would like to thank every- serve the field for the en- one that helped make this tire day based on the re- event a success. There was sponse we had. The meeting Milt and Chris. Chris did an Tuesday will start at 8:00pm. excellent job of rounding up We'll be flying prior to the pilot prizes, he already has start of the meeting so bring my vote for '02 President. a model. See you there!!! Bob

Photo's to inspire.....?

Inspiring? I think so !! This is what the Hobby is all about. Whether it's someone helping out a new flier who is just starting out or giving pointers on how to do rolling circles (inverted and backwards—if that's your thing...) Participating in keeping this hobby alive takes more than just going out there and flying—we must nurture those that are starting out.

The inset picture is of Milt bridges helping Kenneth Jones set-up and flight test his Raptor.



AMA Chartered Club #3373

See us on-line at WWW.TSHC.ORG

CLUB OFFICERS

President:	Bob Belluomini	(513) 245-0590
Vice President:	Gayl Rotsching	(513) 761-1266
Treasurer:	Al Drees	(513) 791-5412
Safety Officer:	John Anast	(513) 829-3950
Secretary:	John Pennell	(513) 754-1577
Editor:	Dale Mercer	(859) 689-5953

April Fun-Fly: Results.....



AMA Information Corner — READ THIS !!! — I mean YOU!!!

2001 Insurance Summary — The FACTS about our AMA INSURANCE.

****Commercial General Liability Coverage**
(effective March 31, 2001)**

AMA Liability protection applies to bodily injury of property damage caused by an AMA member. Any AMA member who causes an accident must report that accident immediately to AMA HQ.

- Applies to accidents arising from the operation of model aircraft, rockets, cars and boats, in accordance with the AMA NATIONAL Safety Code(s).
- The Maximum per occurrence limit of coverage available by this policy is \$2,500,000 involving bodily injury and/or property damage with an overall limit of \$15,000,000 in the aggregate provided through additional policy(s). Model Cars, Boats and rockets are included. The Limits are for claims occurring during the policy period. Coverage is provided only for accidents arising from the model activities.
- Covers activities whether competition or sport worldwide. FAI events outside of the United States and Canada are covered by a separate policy.
- There is no coverage for a member who is in violation of the AMA National Safety Code when the injury or damage occurs. Also, there is no liability coverage for an AMA member-to-his-own-family *Household and Relative(s) living in the member's household for claims or suits.
- Is "excess" to any other applicable coverage such as homeowners.
- Has a \$250 deductible (Property damage only)
-

****Accident/Medical Coverage****

The Accident/Medical coverage applies to injuries resulting from flying or model operations regardless of who causes the accident. It reimburses an AMA member in accordance with

policy terms and conditions for only medical expenses (also the beneficiary for loss of life). The accident/Medical coverage works as follows:

- Provides up to \$25,000 for personal injury, and up to \$10,000 for dismemberment or death.
 - Operates directly—does not require claim action by another person.
 - Pays upon submission of bills or other documents certifying cost of treatment and that injury was caused by model operations.
 - Reimburses medical expenses only after submission to any other health plan.
 - Has a \$50 deductible.
 -
- **Fire, Vandalism and Theft Coverage****
- Provides up to \$1,000 for loss of aircraft models and accessories, including RC equipment. All theft loss claims must be accompanied by a police report. NOTE: There is no coverage if theft was from a member's unlocked vehicle or dwelling. There must be signs of forcible entry.
 - Has a \$100 deductible
 - Is "excess" to any other applicable coverage.

Claim forms and step-by-step filing procedures are available from AMA HQ. Call (765) 287-1256 ext. 252 for the Claim Representative in the Special Services Department. All claims need to be reported immediately. This information is only a brief summary. Complete details of coverage(s) reporting periods, and exceptions are contained in master policies on file at AMA HQ, available for \$5.00 per policy for handling and postage.

Please also note that a current (2001) AMA Membership is required in order to receive this or any other benefits that are for members only.

Treasurer's Report\$\$\$\$

We have a record **39 members!**

DON'T FORGET THAT YOUR DUES ARE NOW DUE!

Dues for 2001 are \$35.00 and are payable as on January 1st, 2001.

Please welcome our new full and associate members.

Our bank balance is still in the black and my report for this month is as follows:

Beginning Balance	\$ 1023.97
Dues Received	\$ 35.00
Expenditures	\$ 65.93
Postage	\$ 24.42
New Balance	\$ 968.62

Please check the attached Membership Roster to confirm if all of your information is correct.

We are still missing some information (signified by **RED ??????**'s) from some of you (especially **AMA numbers**) and we cannot update our club roster to the AMA without your AMA number.

You can contact our Clubs' Newsletter Editor, Dale Mercer, or myself for any updates that you have to provide.

Al Drees, Club Treasurer.



Next Club Meeting:

WHEN: May 8th, 2001

TIME: 7:30 PM

WHERE: Slim Helson's Aerodrome

See You There!

"Keep them rotors outta the dirt!"



Services and Such

Slim's Chopper Repair "IF YOU CAN DRAW IT, HE CAN MAKE IT!"

Machine shop services are available from Slim Helson, call him at 831-3173. He offers a full range of machining services and custom fabrication. Slim also has an extensive Robbe/Schluter parts supply. Slim's shop is conveniently located at 1033 St. Rt 131 in Milford.

Vector Helicopters (Authorized Robbe Field Representative)

Building, setup or repair services for all makes of helicopters is now available. You can also get your wood rotor blades professionally built, weighted and covered to your specifications. Prices range from \$15-\$35 depending on size and complexity. Call John Anast at 829-3950 for an estimate. Remember - **No job is too BIG!** You can also e-mail John at: janast@tshc.org or visit his website at Vector Helicopters www.tshc.org/VectorHeli/vh.html

Web Sites

Helibuf's Home Page	http://www.helibuf.com
Bryce's R/C Heli Page	http://www.byelectric.com/~fribab/
East Coast Model center	http://www.ecmc.com/#rc
Heli-fever Web Page	http://helifever.com
Leisure Tech	http://24.113.44.156!/heli/
Rick's RC Heli	http://www.rcheli.com
Tailrtr's R/C Heli Links	http://www.pcez.com/%7etailrtr/links.htm

Hobby Shops

<u>Name</u>	<u>Phone Number</u>	<u>City / Area</u>
Al's Hobby Shop	630.832.4908	Elmhurst, Il.
Flight Zone	746-0015	Boone Co.
House of Hobbies	248-9220	Milford
Northern KY Hobbies	283-1110	Florence (YA'LL)
Phil's Hobbies	385-8616	Cincinnati
Pit Row	891-7487	Kenwood
Slim's Chopper Repair	831-3173	Milford
Starfleet Hobbies	984-9889	Blue Ash

Classified Ads

Jesse Shaw (call Slim Helson (513) 831-3173 for info)

- Robbe Schluter JR 50 II. New only been flown 6 times, never wrecked. Custom paint, OS .46 Complete less radio and servos. ASKING \$350 OBO. I also have a Conquest canopy and stabilizers custom painted with Mystic paint Asking \$160 OBO.

Bob Belluomini (513) 245-0590

- Robbe CSC-4 Helicopter Speed Control - \$75 obo
- Hitec 325 Fast Field Charger - \$35

Craig Golgowski (513) 248-1864 or email: GIARCG@worldnet.att.net

- Robbe/Schluter Moskito, numerous upgrades. Flies great! \$199

John Anast (513) 829-3950 email: janast@tshc.org

Thunder Tiger Raptor 60 - YS STII - Hatori tuned muffler - Pristine condition - 2 flights - \$750 pictures on request

Thunder Tiger Raptor 46 - OS 46 - Hatori tuned muffler - Excellent cond.- only 6 flights - \$500

Robbe CSC-4 Helicopter Speed Control - \$75 obo

Hitec CG-320 fast delta peak charger - 4-5 cells at 4.5A, 8 cells at 1.8A - \$40 obo

John Harrison (513) 232-8833

JR Vigor 60 Helicopter Kit New in Box, Std Mix / Belt Drive, \$650.00 OBO

Safety – First, Last and ALWAYS....

Well the big fun fly is over and I'm glad to report it was a great success (although we could have done without all that wind!) I'm also glad to report that it was a SAFE event as well. We had no real incidents, a flame out that had minimal damage and a partially blown auto again with minimal damage....that's it!

I think that's a good score card for the event. I was quite happy to see folks volunteer to spot for flyers that went out to the flight line alone...I don't believe we had one spotter-less flyer all day. The impound also went perfectly on the honor system, using the clubs frequency board with the pilots AMA cards showing pins in use.

A special thanks to all the folks who helped make the event go well...Bob Belluomini for getting the field and running everything as the CD. Slim Helson and Craig Golgowski for procuring all the food and our cooks Slim, Craig and Dale Mercer...the Red Hots were excellent.

Thanks to those who lent a hand to those needing setup help. Finally a big thanks to our sponsors for their donations to the pilot drawing—Rick RC Helicopters, Phil's Hobbies, Mr. Carbon, and Morgan Fuels.

New motto: Next year even bigger!

Finally a quick note on a subject dear to my heart ..er.. I mean leg. While John Pennell and I were on our annual Ernie Journey in Florida there was another incident of a bloke walking into the spinning down rotor disk and cutting up his leg pretty badly (I think it was V Blades with those razor sharp ends on 'em). Guess what color those blades were...right BLACK. Sooo, be careful with those black blades.

Consider painting the ends or adding bright color trim tape. Just don't fall into the trap of thinking "Oh, I'll be careful". Believe me you will forget sooner or later unless you get the snot whacked out of your leg (or worse)...then you'll be careful.

Take my word for it...I did it last year and it cost me

a good pair of blue jeans and a set of MS carbon blades, not to mention that big knot on my leg...ouch.

See ya at the field and be sure to keep those rotors outta the dirt....john



Editors note: One of the minor mis-haps that was NOT heli related was the awnings and tents that the wind blew apart.

This is just another example of how we pull together in the face of adversity and help each other out.

This picture of course is John Anast trying desperately to save what's left of his \$20 (too high?) tent with the indispensable assistance of Craig Golgowski.

Tri-State Helicopter Club

Membership Roster

No.	Last Name	First Name	Member Type	Street Address	City	State	Zip	Telephone	AMA	Paid
1	Anast	John	Full	5752 Lake Michigan Drive	Fairfield	OH	45014	(513) 829-3950	167274	YES
2	Abirached	Amin	Full	575 Haynes Road	Midland	OH	45148	(937) 783-3633	???????	no
3	Barrow	Dave	Full	5236 Madison Pike	Independence	KY	45051	(606) 357-1258	002534	no
4	Belluomini	Bob	Full	8872 Colrain Ave.	Cincinnati	OH	45251	(513) 245-9580	077207	YES
5	Bridges	Milt	Full	5319 Bonnell Road	Guilford	IN	47022	(812) 487-2100	208151	YES
6	Cooper	Scott	Associate	113 Cornell Drive	Bainbridge	NY	13733	(607) 967-3937	648750	no
7	Davis	Bob	Full	3935 Montgomery Road	Norwood	OH	45212		675147	YES
8	Drees	Al	Full	7810 Hartford Hill Lane	Cincinnati	OH	45242	(513) 791-5412	523403	YES
9	Duke	Terry	Full	12450 Stafford Road	New Carlisle	OH	45344	(937) 845-1306	055910	no
10	Dustrude	Ray	Full	8555 Lynnehaven Drive	Cincinnati	OH	45236	(513) 793-3982	042260	YES
11	Fisch	Ralph	Full	1706 Cottontail Drive	Milford	OH	45150	(513) 722-0664	592581	YES
12	Fuschen-Zanker	Cindy	Associate	Al's Hobby Shop	Elmhurst	IL	?????	(630) 832-4908	???????	no
13	Gaertner	Bob	Full	8311 Weller Road	Cincinnati	OH	45242	(513) 530-9676	000321	YES
14	Gallagher	Martin	Full	393 Ingram Road	Green Hills	OH	45218	(513) 742-2699	707482	YES
15	Galvin	William	Full	2252 Whitmer Road	Batavia	OH	45103	(513) 732-8659	598588	no
16	Golgowski	Craig	Full	5845 Price Road	Milford	OH	45150	(513) 248-1864	439037	YES
17	Gumm	Chris	Full	300 Knoll Ridge Ct. #302	Fairfield	OH	45014	(513) 829-4918	688284	YES
18	Harrison	John W	Full	1757 Marquette Avenue	Cincinnati	OH	45230	(513) 232-8833	609808	YES
19	Harrison	John C	Full	1757 Marquette Avenue	Cincinnati	OH	45230	(513) 232-8833	607543	YES
20	Helson	Slim	Full	1033 St. Route 131	Milford	OH	45150	(513) 831-3173	183940	YES
21	Hughes	Rick	Full	6591 Devon Drive	Middletown	OH	45042	(513) 779-3021	675987	YES
22	Knott	Tim	Full	7757 Thomas Road	Middletown	OH	45042	(513) 423-5747	159321	YES
23	Noel	Daryl	Full	3811 Locke Street	Covington	KY	41015	(606) 491-2613	616833	no
24	Kosar	Richard	Full	1336 St. Route 131	Milford	OH	45150	(513) 831-1641	420322	YES
25	Jacobs	Terry	Full	6653 Paxton-Guinea Road	Loveland	OH	45140	???????????????	???????	YES
26	Lynch	Tim	Full	6977 Panther Drive	Middletown	OH	45044	(513) 777-1054	689672	YES
27	Mercer	Bryce	Full	6132 Woodcrest Drive	Burlington	KY	41005	(859) 689-5953	???????	YES
28	Mercer	Dale	Full	6132 Woodcrest Drive	Burlington	KY	41005	(859) 689-5953	629712	YES
29	Milligan	Rod	Full	4169 Heritage Glen	Cincinnati	OH	45245	(513) 752-9032	457808	YES
30	Pack	Brady	Full	5917 Price Road	Milford	OH	45150	(513) 831-4900	577629	no
31	Pennell	John	Full	6512 Turtle Point Place	Mason	OH	45040	(513) 754-1577	427502	YES
32	Rotsching	Gayl	Full	263 Lux Avenue	Cincinnati	OH	45216	(513) 761-1266	097474	YES
33	Roysdon	Daniel	Full	2649 Thomasville #1603	Cincinnati	OH	45238	(513) 481-5757	665017	no
34	Shaw	Jesse	Full	6685 Oakland Road	Loveland	OH	45140	(513) 722-8335	660435	no
35	Shurley	Carey	Associate	PO Box 953303	Lake Mary	FL	32795	(407) 771-7759	165910	YES
36	Stephens	Dwayne	Full	9193 Sunderkand Way	West Chester	OH	45069	(513) 755-9193	006571	YES
37	Wiebold	Bill	Full	5950 Park Road	Cincinnati	OH	45043	(513) 831-3731	???????	no
38	Walton	Major	Full	1945 Lawn	Cincinnati	OH	45237	(513) 731-4284	339888	YES

Recent News Clips: the NTSB accident file.

Accident date: Monday, 4 23, 2001

Location: Fortuna, CA

Aircraft: Robinson R22,
registration: N806EH

Injuries: 2 Uninjured.

This is preliminary information, subject to change, and may contain errors. Any errors in this report will be corrected when the final report has been completed.

On April 23, 2001, at 1600 hours Pacific daylight time, a Robinson R22, N806EH, rolled over while completing an autorotative landing in Fortuna, California. The helicopter sustained substantial damage; however, neither the certificated flight instructor nor his student was injured. Executive Helicopters, Inc., was operat-

ing the helicopter as an instructional flight under 14 CFR Part 91 when the accident occurred. The flight originated from Franklin Field in Fortuna about 1550. Visual meteorological conditions prevailed at the time and no flight plan had been filed.

According to the instructor, they were in the process of practicing a series of autorotations to the ground. On the fourth attempt, the helicopter touched down hard and rocked onto its left skid. The instructor took the controls, but was unable to prevent the helicopter from rolling onto its left side.

Winds at Sacramento were reported as from 320 degrees at 4 knots.

Weird or unusual Helicopters.

BRATUKHIN OMEGA II



First Flight: 1944

Seating Capacity: 1/1

Empty Weight: 1880 KG

Maximum Weight: 2300 KG

Engine: MV-6 —> 2MG-31F

Power: 330 HP

Transmission Type: Continuous

VNE (Velocity Not to Exceed): 101 Knots

Cruising Speed: Not given

Maximum Ceiling (OG/IG): Not given/877 Ft.

Flight Distance: 135 NM

When the Second World started, all helicopter related jobs were concentrated in a single design bureau (OKV-3) headed by I.P.Bratukhin. The "Omega" helicopter was the first product of this bureau. It was a twin rotor helicopter of transversal design. Each rotor was driven by separate MV-6 engine linked by a synchronizing shaft system. This system also provided the ability to fly helicopter with either engine running. Unlike primitive power plants of earlier helicopters (see 1-EA), the engines of "Omega" were equipped with specially designed gearboxes, clutches, and other components typical of modern helicopters. The fuselage had a metal (welded steel tubes) frame with fabric cover. An airplane type T-shaped tail was used for flight control together with main rotors (it was also fully instrumented). The project was approved on June 27, 1940. The aircraft was finished in August 1941, and flight tests began (first - on the tie). Evacuation of the OKB-3 facility interrupted work on the "Omega" for 1 year. Only in 1943 did flight tests start again (pilot K.I.Ponomarev). Tests included takeoffs, landings, 360 degree turns while hovering, straight and level flight and sharp turns. Also, the capability of the helicopter to 'glide' safely in autorotation was tested. **Year 1941.**

Re-engined Omega/2MG. Gearboxes, clutches, cooling system, etc were redesigned. Flight tests took place in September 1944 - fall 1945. Important progress was made in optimization of transmission ratios. This resulted in an increase of the rotor lifting force by 300kg and a substantial increase of ceiling. Since fall 1945, Omega-II was used for training purposes, and was once demonstrated at the Tushino airshow. Soon it was retired due to worn engines. **Year 1944.**



TriState Helicopter Club
c/o Dale Mercer
6132 Woodcrest Drive
Burlington, Ky 41005

Mark your calendar now for the
May 2001 Meeting
Tuesday the 8th
Slim's Aerodome