

Skywriter



Skymasters R/C Club Newsletter - September 1996

President's Message

Can you believe summer is almost over?? We have had our last summer meeting at the field. Beginning in September, we return to Larson Middle School for our meetings the second and fourth Wednesday of the month at 7:30 pm. *Randy MacInnes* is busy arranging programs for us. As always, Randy welcomes suggestions on what you would like to see at our meetings. Have you done any summer building? Bring your planes to the meeting for Show and Tell!

To accommodate our fall meeting schedule, beginning the week of September 11, student night / pot luck will move to Thursday night!! We will see how long the weather and daylight holds out for us. Thank you to Bob and Donna Burns for again coordinating the pot luck dinners all year, and to all the instructors and helpers that gave their time to help others get started in R/C!!! And of course thank you to the students; for your patience when things were busy, your desire to learn to fly, and for joining Skymasters!

We had two events in August. Our Multi Engine / Multi Wing event was run by Gary Walling on August 11. This is the first year we added Multi Wing to this event, and the turnout was great! We had 5 or 6 multi engine planes, and many biplanes (one triplane). By the time you read this, our annual Corn Roast / Top Gun Competition will be over as well. Hopefully we ended up with a nice day for flying and eating!

Coming in September is the Midwest Regional Float Fly, our largest event of the year. Darryl Watts is coordinating this event. Please come out and participate in this event. Whether flying, helping, or just watching, we would like a great turn out from the Skymasters. If you are planning on flying, please complete your registration form and return it to Darryl.

This year we are having a dinner at the flying site Saturday night. Advance reservations are required. Again we are looking for a strong showing from Skymasters. This event requires at least 20 people per day to run! There is setup on Friday; flying on Saturday and Sunday; and tear down on Sunday. If you can help, give Darryl a call...

The American Heart Association is sponsoring a Walk around Trout Lake in Bald Mountain State Park. Bill Stark contacted us to see if we would like to participate as an organization. A team of at least 10 is required. A poll at a recent student night had at least 7 volunteers, so we agreed to participate. The Walk will be on Saturday, October 5. My wife has offered to coordinate the team for Skymasters. More info to follow. Give Denise a call if you are interested.

Is there interest in a Team Fun Fly?? Darryl received some feedback following the team event at our Fun Fly. If there is interest, an October date could be scheduled. We would like at least 10 two person teams to proceed. Let us know the interest level.

As many of you know, we are going to be the recipient of a permanent outhouse at our field. One of required tasks was a 4 by 8 foot hole, 28 inches deep for the vault. Well, *Marv Middleton* got the dimensions from Bill Stark, and with the help of some of our club members, took the initiative, and dug the hole over the last week. I know I will miss many of the people that helped, so I will just say Thank You to all of you! We are coordinating the remaining installation with Bill Stark.

Happy Landings, Greg Cardillo

Darrell call Fill in those float-fly forms and

Meeting minutes from July 6, 1996 were read and accepted.

August 3, 1996 Meeting at the field

Treasurers report gave a balance of \$7,790.16 plus \$81.45 in cash/checks and \$120.00 in gift certificates for a total of \$7,991.61.

OLD BUSINESS

The Fun Fly and Warbirds and Scale went well per Jack Fleming.

NEW BUSINESS

The Multi Wing/Multi Engine event takes

The Multi Wing/Multi Engine event takes place August 11, 1996 with the Com Roast and Top Gun event following on August 25, 1996.

Bald Mountain is scheduling an American Heart Association Walk-A-Thon on October 5, 1996 and will take place around the shore of Trout Lake. There have been some noise complaints from neighbors. Please insure that you do not insure the 96 dB at 10 feet noise limit.

Mr. Bill Stark had proposed extended flight hours for silent flight planes.

Two transmitters in the impound were found turned on last week.

New signs are being made so we can better advertise our events.

The club purchased a JR buddy box.

The next club meeting will take place on September 11, 1996 at Larson Middle School

Multi Engine Multi Wing Event 11 August 1996

What a lovely day for our event. OK so there were lots of clouds about but the temperature was optimum and there was only a slight breeze. The nice weather really did bring out the hordes and we had a great turn-out of pilots and spectators - a total of 18 pilots who brought out four twins, 18 biplanes and one triplane. At one point I counted about 50 people just watching the planes!

Al Mrock's scratch built 80" Curtiss Hawk F6C looked great in the air as did Gus Kaser's (UFO) 80" Fokker D-7. We saw a couple of the new Sig Hog Bipes, Don Campbell's (Holly Cloud Hoppers) powered by an OS 90 surpass and Ken Kliewer's (Holly Cloud Hoppers) powered by a K&B 61. Both flew great and I wonder how many Hog Bipes are now being acquired or are now under construction in Skymasters? Ken Kliewer showed us how fast his Pico Duallist (with twin OS 50 FSR's) could go while Terry Overton's Elder bipe (Saito 80) showed how slow it could fly. We also enjoyed Kevin Phillips Nieuport 17 which flies much better now with a different engine, modified aerofoil and modified wing incidences.

With all those planes we only had one minor problem - a small radar antena broke free from Bill Leppards 110" PBY 5A. Hopefully the \$10 gift certificate that Bill won will pay for the repairs!

We had six prizes to give to pilots and Darrel Watts (and it wasn't fixed !) won a Sig Mini Biplane kit as the main prize.

Special thanks to Doug Riley, Greg and Denice Cardillo, Carl Long, Jerry Blumenthal and Pete Foss for their help towing and setting up the kitchen, serving the food and for Db checking the engines. Thanks to Randy Mccinnes for donating a battery as a prize and thanks to everyone who came out and made the event so popular.

See article on the '95 event in Aug.'96 RIC Modeler

6th Annual

Over 100 models

every year since 1991!

Skymasters Mid-west Regional Float Fly

September 14-15, Island Lake State Park, Brighton, Michigan "The best float flying site I've ever seen!"

----Dave Brown, President, AMA *40 acre clear lake *1,000' gently sand beach *6 acre lawn with picnic tables

>>> Always a great Float Fly and now an even bigger "Social Event!" <<<
New for 1996 -- Saturday's flying will be topped off with a great western style
cookout right at the flying site. A delicious grilled chicken dinner with all of
the fixin's, including dessert! We'll even have a big tent just in case it decides
to sprinkle on us.

This is a "fly for fun" event with all kinds of airplanes, from stick trainers, to electric Cubs, to performance models, to 12 foot span, twin engine scale jobs. Running concurrent with the fun flying are two "judged" events, one for sport planes and one for scale planes. (See the rules on the reverse side of this flyer.)

Along with the fun flying there are great pilot prizes! Already we have a Futaba and an Airtronics radio, a G&P Republic Seabee kit, an ACE Sea Dancer kit, a Dynaflite 83" span PT19, some float kits, some engines and more arriving every day!



Balsa USA kits for the judged events:

** 1/3 scale Fly Baby w/floats for the scale winner!

** 83" span Taube w/floats for the sport winner!

	orriging bulki rolli		
Name:	#AMA	CLUB	
STREET	CITY	STATE	ZIP
PHONE: (Day)	(Evening)		
PRIMARY AIRCRAFT:Model		Freq/	Ch#
Help us plan: Will you enter in t	he "Judged" contests? Sport	; Scale Ser	ıd \$5 ea
ENTRY FEE (non-refundable unless event is cance)	1ed) \$10 if postmarked by 8/31/96:	\$20 after 8/31/96	

Cookout Reservation: __adults @\$9; __children @\$4. Incl.with entry fee _ Mail to: Skymasters, % Darrell Watts, 124 Rose Brier, Rochester Hills, Mi. 48309

Hey!! Cool Looking Engine!!

How about your very own engine cleaning facility? When you take the time to overhaul one of your engines, or even just replace the bearings, you want the finished product to look like new. However. after hours and hours of use, those engines get a baked on crust of oil and grime that is almost impossible to get off. Not so if you try this trick. Lay your hands on an old crock pot (be on the look out at flea markets or garage sales). Fill the crock pot with FRESH automotive glycol antifreeze. With the heat set at medium, put your disassembled aluminum pieces in the pot overnight. Just like magic, your parts will come out sparkling clean and ready for reassembly.

Some notes of caution:

- First of all, don't try to sneak out your good crock pot and use it with the idea of washing it out and sneaking it back into the cupboard. Antifreeze is toxic. Cheapo crockpots can be found on sale for less than \$15 brand new.
- Next, don't put rubber pieces into the hot mix.
- Use only clean new antifreeze. The water and junk in used antifreeze makes a bigger mess than what you started with.

From The Flightline, Tom Minger, Editor 1715 Ponca Court. Fremont, CA 94539

Dates for Skymasters events are as follows (LMS=Larson Middle School):

11-Sep-96	LMS Meeting 7:30
25-Sept-96	LMS Meeting 7:30
9-Oct-96	LMS Meeting 7:30
23-Oct-96	LMS Meeting 7:30

Other events:

8-Sep-96 Midland R/C Air Show. 11AM. Rick Laudeman 517-631-0585

Skymasters Club Dinner

September 14th

Septem

Yes, this is the dinner that follows the big Fall float-fly -- but we are really looking for a big turn out from Skymasters members whether or not you are planning on flying or helping with the float-fly itself. Not only is it going to be a super dinner at a super price, but it is our club's chance to shine in front of a lot of out of town pilots and distinguished guests such as Dave Brown the President of AMA.

This is going to be a great dinner, chicken cooked on the grille with all the fixin's -- salad vegetable, dessert and drink! And all of this for only \$9 per adult (\$4 for children under 12)! We also have arranged for a big (200 person) tent so the dinner goes on rain or shine.

Please help us plan for the quantity of food we are going to need by sending in your reservation early. Fill out the reservation form below and mail it with your check today!

Detach here and r	mail with your check	
Yes, I plan on attending the Skymasters Club Dinner.		*Mail by Aug. 31st*
Please reservespace(s)for adult(s) @\$9 and	space(s) for children @\$4.	TOTAL <u>\$</u>
******Make check out to Skymasters and mail to: Darre	ll Watts, 124 Rose Brier, Roch	ester Hills, Mi.48309. *****

No refunds available after Aug 31.

<u>ج</u>

FUN FLY JULY 14, 1996

Thank you contestants for making my fledgling entry into the realm of C.D. a pleasure. Early on ribbing by the Music Maestro was soon quashed by the threat of disqualification. (What good is power if you can't use it?) Just kidding Kevin !! Beautiful weather and acceptable wind conditions allowed the event to run I was a little surprised smoothly. there were not more entrants, particularly by the total lack of student pilots.

We were honored to have two Japanese guests who forsook attending the Seniors Golf Tournament to attend our function in the company of Hank & Pat Villerot. One of these gentlemen is an extraordinary designer and builder of R/C aircraft which was evidenced by several pictures and an album which we were allowed to view. A Skymasters hat and Club Logo were presented to each man as a memento of their visit.

With four entries in the Advanced & Stunt Wagon Class, Graham Overton took 1st place by a healthy margin while Roger Garett and K.C. Satchell tied for 2nd.

In the Sport Category, ten fliers competed as John Robertson of PMAC came off with top honors. Greg Cardillo took second and Marv Middleton was third.

A surprising turn of events !! Al Glaza could not get his "X" engine to quit in an event requiring engine kill. (A complete reversal of form.)

In the team events three pairs participated with the Father-Son combination of Terry and Graham Overton taking First, Roger Garett-Rick Merryman in Second and Greg Cardillo-Matt Rowan in Third spot.

Gift Certificates were awarded to the winners and runner-ups and a Special Prize of an Armadillo Fun Fly Kit donated by J & D Hobby of Oxford, MI was won by John Robertson in a drawing, with Rider's Hobby Tee shirts going to the holders of 2nd & 3rd tickets.

Special thanks to Carl Long for hauling and running the kitchen and to Ron Greening, K.C. Satchell and Hank Villerot for acting as timers for the events.

Fair Winds & Smooth Flying Jack Fleming

We need your help!

The biggest event of our year is the Fall Float Fly. It takes a lot of people to make it go smoothly. Will you help?

Don't wait for someone to call you.

Carl and Cindy Long are handling set up on Friday the 13th, tear down on Sunday the 15th and retrieval boats. Call Carl at 254-0048 if you can help on these items.

Jerry and Lorraine Schoenbeck are handling flight line control, transmitter impound and registration on Saturday and Sunday. Call Jerry at 739-1398 if you can help either of these two days.

Vince and Shirley Pettke are handling the kitchen. Call Vince at 852-1625 with the hours on which days you can help with this.

		···.	
Alain Adam Scott Aldrich Bert Alexander Frian Baldwin	810-952-1532	John Lesnoff Carl Long Randy MacInnes George Maiorana Steve Mandalari Harry 'Mike' Maxwell Mike & Tim McCarty Alan McGee	810-391-2973
Scott Aldrich	810-338-6072	Carl Long	810-254-0048
Bert Alexander	810-852-3915	Randy MacInnes	810-394-0414
Brian Baldwin	810-524-2050	Coorgo Maiorana	010 331 7306
Showin Mawilliams C	010-524-2353	George Maiorana	010-731-7200
Sherwin McWilliams &		Steve Mandalari	810-391-7252
Matt Battle	810-979-2397	Harry 'Mike' Maxwell	810-814-9697
Larry Baum	810-651-9397	Mike & Tim McCarty	810-528-1273
Albert Beasinger	313-886-8222	Alan McGee	810-589-0283
Dave Belfi	810-549-6047	Jason & Robert Mendelson	810-641-7258
Dave Belli	010-349-0047	Jason & Robert Mendelson Richard Merryman Roberto Mesnik Marvin Middleton Roy Morgan Tom Morris Allen Mrock Mark Mueller Mark & Betsy Murphy Ferenc Nagy Al Nelson Tim O'Brien Terry & Graham Overton	010-041-7230
Robert Bellenumeur	810-334-2567	Richard Merryman	810-620-0808
Glenn Bianchini	810-628-3335	Roberto Mesnik	810-816-0598
Bob & Stan Bloecker	810~627-4463	Marvin Middleton	810-693-2973
Gerald Blumenthal	810-353-7529	Roy Morgan	810-879-0624
Horh Books	010 772 0262	Mon Monnia	010 075 0024
uern poermi	010-7/3-9303	TOW MOLLIS	010-200-3344
Thomas Boguslaski	810-391-1859	Allen Mrock	810-628-4008
Ron Boucke	810-739-6384	Mark Mueller	810-673-1196
Chester Brady	810-469-3079	Mark & Betsy Murphy	810-391-2519
Carl "Gred" Brauga	810-373-8949	Ferenc Magy	810-781-5832
Michael Droggie	010-373-0343	Al Malaan	010 701 5052
Michael Bressie	810~254~3149	Al Nelson	810-628-5625
Doug Brill	810-652-6722	Tim O'Brien	810-879-6373
Roger & Steven Buck	810-642-1422	Terry & Graham Overton	810-628-1651
Bob Burns	810-628-4666	John Patrick	810-739-1540
Grea Cardillo	910291_6902	Fugono Daygon	910-201-2221
Dieg Caratrio	010-391-0003	Eugene Fayson	010-391-2331
Kichard Chapman	910-878-1833	Terry & Graham Overton John Patrick Eugene Payson Tom Peterson	0T0-700-0T03
Matthew Cognata	810-398-7572	Vince & Shirley Pettke	
Thomas Collins	810-879-7636	George Peychich	810-751-1862
Arian Baldwin Aherwin McWilliams & Matt Battle Larry Baum Albert Beasinger Dave Belfi Robert Bellehumeur Glenn Bianchini Bob & Stan Bloecker Gerald Blumenthal Herb Boehm Thomas Boguslaski Ron Boucke Chester Brady Carl "Greg" Brausa Michael Bressie Doug Brill Roger & Steven Buck Bob Burns Greg Cardillo Richard Chapman Matthew Cognata Thomas Collins Robert Cote Russ Cummings Tom Day Robert Dean Santo Demaggio William Dezur Kirby Elliot Jim Elliott David England Dale Eplett Tack & John Ferguson Andy Fietsam Joe Finkelstine Jack Fleming Pete & Carolynn Foss Robert Fredericks Steve Fredericks Dick Freiwald Tom Fritchek James Fritcher Roger Garett Robert Gillespie Dennis & Steve Glaeser Al & Kim Glaza	810-299-7495	George Peychich Kevin & Terri Phillips Adam Pokowski (Tom) Albert Post Henry Post Ben & Matt Pourcho Fred Preston Jim Probst Harold Reuter Douglas Riley Jr. Scott Robinson Dale Rockwell Edward Rogers Francis Rogers Jack Rogers Matt Rowan Joseph Rubinstein Michael & Elise Russell K. C. Satchell	810-969-0245
Russ Cummings	810-852-3586	Adam Pokowaki (Tom)	810-853-3156
Russ Cullillings	010-032-3300	Adam Pokowski (Iom)	010-033-3130
Tom Day	810-921-3188	Albert Post	810-693-6916
Robert Dean	810-541-3057	Henry Post	810-628-5246
Santo Demaggio	810-652-0365	Ben & Matt Pourcho	810-335-1155
William Dezur	810-739-7124	Fred Preston	810-689-9447
Virby Flliot	910693_7369	Tim Drobat	010_588_7022
KILDY EILIOU	010-033-7300	Olm Plonst	010-300-7022
jım Elliocc	810-332-5843	Harold Reuter	810-391-2669
David England	810~689-7662	Douglas Riley Jr.	810-542-1743
Dale Eplett	810-781-3814	Scott Robinson	810-693-1980
Yack & John Ferguson	810-731-3948	Dale Rockwell	810-542-9013
andy Fiotgam	010 ,060 5010	Edward Bogorg	910-731-8280
Aandy Fieldal	010-909-3910	Edward Rogers	810-\31-0500
Joe Finkeiscine	810-375-0530	Francis Rogers	810-353-9676 947.70
Jack Fleming	810-435-4487	Jack Rogers	810-693-4998
Pete & Carolynn Foss	810-652-8756	Matt Rowan	810-740-8519
Robert Fredericks	810-969-2020	Joseph Rubinstein	810-693-4625
Stave Fredericks	810-693-6686	Michael & Flice Ruccell	810-693-4625 CMM41C 810-852-7413 WCCCWW
Diele Fredericks	010-053 0000	Michael & Milac Kuaacii	010 002 7113
Dick_freiwald	810-969-2931	K. C. Satchell Jerome Satkiewicz Joseph Savine Dick Schaeffer Herb Schiebold	810-093-0213 00000
Tom Fritchek	810-626-0164	Jerome Satkiewicz	810-264-4925
James Fritcher	810-852 -487 0	Joseph Savine	810-977-8092
Roger Garett	810-879-2835	Dick Schaeffer	810-673-9610
Robert Gillespie	810-332-9178	Herh Schiebold	810-646-1303
Dennis & Steve Glaeser	810-375-5290	Torre Cahoonhook	810-739-1398
Dellits & Steve Graeser	010-575-5250	Jerry Schoenbeck	
Al & Kim Glaza	810-585-4065	Jim Schwarz	810-651-5368
Michael Goggins	810-244-9857	Bill Shaffmaster	810-549-4571
David & Steve Gray	810-433-3156	Paul Shurtliff	810-689-3489 보니
Ron Greening	810-693-2327	David Sin	810-689-3489 810-650-3360 임10 853 853
Robert Greer	810-588-4324	Jeff Smith	810-853-8538 H N H H
Herman Greif	810-627-9259		010 C20 0017 Y 0 CW 0
		Roger Smith	1
Otto H. Gutgsell	810-373-5787	Sterling Smith	810-673-2883 8 0 0 0 0 0
Alan Harriman	810-656-9750	Gene Smyers	
David & Joseph M. Hass	810-879-5817	Ron Sokacz	810-977-1404 ที่เพลีย
George Herring	810-628-2736	Bill Stanley	810-977-1404 N M H E 810-977-5368
John Holton	810-627-6826		810-693-6767 ឃុំជូម៉ូកូកូ
		William Stark	
Paul Hook	810-939-2896	Walter Taranek	810-628-6536 통연력교대
George 'Bud' Howard	810-649-3757	George Tedder	810-674-3678 ភ័ក្បីជ័ន្ឌ
Alan Hutchenreuther	810-354-9324	Ron & Carl Thuringer	810-828-7418
Gerrit Hyde	810-391-3899	Eugene Thuringer	810-585-0501
Wen-Day & Kevin Jeng	810-952-1410	John Traczyk	810-751-5357/days
		Donald Madelalain	
Fred Johnston	810-588-6458	Donald Trinklein	810-375-2176
Fred Junod	810-641-9229	Gary VanHevel	810-627-9591
A. J. Kaspor	810-828-8537	Frank & Chris Vella	810-528-2320
Charles Kendzierski	810-268-0133	Robert Veller	810-642-5258
Tilliam Kirk	810-549-4270	Henry Villerot	810-585-3519
	810-879-9508		810-299-4654
Christopher Knee		Gary Walling	
Ruben Koene	810-363-2788	Darrell Watts	810-373-8777
Harry Kolomyjec	810-731-2951	Gary Weaks	810-540-8358
Chuck Kosiak	810-391-3488	David Weir	810-540-1266
Charles Kowalski	810-853-6499	Wade Wiley	810-545-2456/days
David Lange	810-969-3914		810-680-2929
		Glen Wygocki	
James Larsen	810-979-2363	Jim Yuzwalk	810-628-0370
Bill Leppard	810-693-2415		



WHAT IS STRONGER

GLASS versus KEVLAR

FROM: WACO ON THE INTERNET

From: waco(a)ari.net

Date: Sat, 25 May 1996 16:53:29 -0400

Subject: [RCSE] Kevlar vs. Glass Fuselage Test

The purpose of this test was to determine which material is superior for construction of open size sailplane fuselages.

Two WACO BETA fuselages were constructed. These fuselages were as close to identical as possible except one was constructed of 1.4 oz plain weave glass,

one of 1.7 oz plain weave Kevlar. West System 105 resin and 206 hardener were used for both fuselages, and similar reinforcements and layup schedule were used for both fuselages. Both fuselages were tested at a weight of 3 oz. The length of the BETA fuselage is 49 inches.

The Torsion Test. A solid wooden plank was mounted to the fuselage at the normal wing mount position. This plank was then clamped securely to a work table. To counterbalance the weight of test apparatus at the tail, the nose of the fuselage was prevented from rotating about the pitch axis, but was free to rotate about the roll axis. A 15 inch lever arm was mounted at the normal tail position. Weights were suspended from this arm, and the amount of twist at the end of the lever was measured for each weight. Each fuselage was tested twice.

Results:

Torque in-oz	37.5	75.0	112.5	150
avg glass twist	1.75	3.13	4.63	5.75
Kevlar twist	1.00	2.13	3.13	4

Conclusion: The glass fuselage twisted significantly more than the Kevlar

The Bend Test. Fuselages were suspended as for the torsion test. Weights were suspended from the tail, and the displacement downward of the tail was measured. Each fuselage was tested twice.

Results:

Weight oz	6.0	12,0	18.0	24.0	30.0
avg glass bend	0.25	0.57	0.9	1.13	
avg Kevlar bend	0.13	0.25	0.5	0.75	0.88

Conclusion: The glass fuselage bent significantly more than the Kevlar

The Crush Test. Each fuselage was clamped firmly on it's side on the top of a solid work table. Weights were placed on the fuselage in the area of greatest diameter. The amount the

1,000	J	1-0.9
glass crush	0.16	0.25
Kevlar crush	0.000	0.016

Conclusion: The glass fuselage was easier to crush than the Keviar

The Crash Test. This test was conducted in two parts. For both parts, the fuselages were loaded with lead to simulate flying weight of about 52 oz. 4 oz was mounted in the V-tail position, 18 oz was mounted internally, and 24 oz were mounted to a spar which served as a wing. The fuselage CG was in the normal flying position.

For the first test, the fulselage was suspended at its CG from a tree limb about 20 feet high. The fuselage was suspended as a pendulum, and would strike the ground at an angle of approximately 30 degrees when released. The fuselage was released at about a 5 degree angle from true. Each fuselage was released at an arc distance of 1,2,3,4,5,6,7, and 8 feet, and each distance was tested five times. Results:

Neither fuselage suffered any damage.

Conclusion: Maryland sod is pretty soft this time of year, and it takes a pretty hard crash to damage a fuselage.

For the second test, the fuselages were dropped vertically onto a thick doormat over a concrete floor. Each fuselage was dropped five times from each height, starting at 6 inches and increasing in 6 inch increments. Each fuselage was dropped at a 5 degree angle from dead vertical.

Results:

Neither fuselage suffered any damage until a height of two feet was reached. At two feet, on the fifth drop the glass fuselage suffered slight damage to the tail boom just forward of the V-tail. It was still flyable. On the first drop from 2.5 feet, the glass fuselage failed at the wing mount, and forward of the V-tail. It was unflyable without repair. On the fifth drop from 2.5 feet, the Kevlar fuselage was closely examined. The only damage evident was a little crazing of the Kevlar/epoxy skin in the forward wing mount area. The test was ended, and the Kevlar fuselage is still flyable.

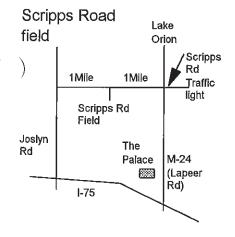
Conclusion:

A Kevlar fuselage is more crashworthy than a glass one, particularly when landing vertically on carpeted concrete.

General Observations:

It was obvious from the onset, that the glass fuselage would be no match for the Kevlar. Just handling the fuselages would be enough to convince an experienced pilot. The actual cost of the Kevlar fuselage is about \$16 more in terms of time and material. The glass fuselage was more uncomfortable to construct due to fiberglass particles from sanding. WACO will continue to offer 100% Kevlar fuselages and carbon reinforced Kevlar fuselages. If a weight savings of 4 to 8 oz in open size ships is significant to you, you might want to try a Kevlar fuselage.

Set your kill file to: WACO - Anonymous Dude.



Skymasters information

Skymasters (AMA club # 970) field is located within the Bald Mountain State park (see the map). State park stickers are required and can be obtained from the Park Station located on Greenshield road which is couple of miles south of Scripps road on M-24. Flying is permitted from 10AM to 8PM. The noise limit for 1996 is 96Db at 10'. This noise rule is strictly enforced.

Students are encouraged at any time and co-ordination with a flight instructor may be advisable during week days. During the summer months Wednesday evenings is student night and there are usually instructors around all afternoon. Student night is also 'pot-luck' buffet night so that you can fly-n-feed (though not usually at the same time). Chief Flight Instructor: Pete Foss 810-652-8756, Assistant Chief Flight Instructor: Graham Overton 810-628-1651.

Winter meetings Long Lake (18 Mile) Larson Middle School School

From June to August Club meetings are held at the field on the first Saturday of the month at 12 noon - a great chance to fly and gossip too! Winter meetings are held at Larson Middle School (on Long Lake just east of John R - see map) on the second and fourth Wednesday of the month and they start at 7:30PM. Show and tell, coffee and donuts, and model-speak are the order of the evening. Come along - they are fun.

The Skywriter newsletter is sent to all members, local hobby shops and other local R/C clubs. Any and all contributions are welcomed, please pass any articles to the Editor. If you know of anyone who may be interested in our hobby (friend, relative, neighbour, colleague or acquaintance) - why not give them a copy of this newsletter or a copy of an AMA magazine.



Skymasters

Radio Control Club of Michigan

G Walling 3403 Nichols Drive Auburn Hills MI 48326

Folks, the 14th and 15th of September are the dates for our BIG float-fly. (did you see the article about the 1995 event in the August RC Modeller?) Please take a moment to fill out your application for the float-fly or the evening dinner (or both!). If you aren't planning to fly - how about helping out? All the information for helping, flying and dining are in this newsletter.