

Sky Writer

See Skymasters on the web at www.geocities.com/~skymasters

President's Message

Hello all,

WOW, what a week. This weekend we had 2-float flies. (OK - so he wrote this on time... I'm the one that's late! Ed.) Seven Lakes and Bald Mountain. Thanks to Ross Jones for putting on the Bald Mountain Float fly. Again a good time. The weather was good both days, but it was exceptional Saturday morning. Saturday morning with Chet Brady at Seven Lakes. Chet was there again as he has been for the last ten years. Usually windy but not this year, at least not until later. I was wondering if Chet was going to make it this year, as he has not in perfect health. He did make it, but due to his health he told me this was his last year to run the float fly. Thanks Chet for all the years of dedication, and for making the float fly fun. I didn't get to hear "SHOWTIME" this year. Maybe I can make it to Stoney Creek to hear it.

After the Bald Mountain float fly I had the honor, as Skymasters President, along with Gary Walling, of attending an Eagle Scout ceremony. Raymond Dezure, (Bill's Son), and Brad Buda, were presented with the Eagle Scout Rank. It was quite impressive to see some of the hard work and dedication it took to make Eagle. Only 2% of scouts earn the rank of Eagle and this award it not given without much hard work. Raymond Dezure certainly earned it. I can appreciate a young man who is not afraid to show love for his Mother, Father and God, and not be embarrassed to share his faith in front of a crowd of friends, family, and a few strangers. Congratulations on earning the precious Eagle award, and thank you from the Skymasters for always being willing to help out. (Good food from the swap shop kitchen too).

Wednesday the 23rd was the fieldwork party. The day crew had the cement blocks moved before I arrived, and the dirt pile was gone also. I am sure you will hear more about that in this newsletter so I won't say a lot, but I would like to thank all who helped out. I saw Bob Burns cleaning out the outhouse, (now that's dedication), and several other Skymasters made some real improvements. We improved safety at the field with an extension to the fence, and made the tables moveable to help the grass grow to cut down on the mud. Thanks to Mark Smith for the new pilot stations, they are great! IF you don't like the amount of space for the gate you can

blame me. I set the postholes in a way so we can get through but to protect the spectator area from any stray airplanes. (If we ever have any). We also took a look at an area at the West end of the field for helicopters to hover. We will put up a temporary area to see how it will work. (If approved by the DNR) Well flying season will be in full swing soon, (if the rain stops); I'll see you out there enjoying the field and friends.

Until then, keep it in the air and in front of the flight line.

Ross



President Ross Hardy at the Bald Mountain Float Fly

2001 Club Officers



Chartered Club #970

President: Ross Hardy 3385 W. Sutton Rd, Lapeer 48446 810-797-4917 Vice Pres: Mark Smith 1955 Hopefield 248-391-5970 Lake Orion 48359 Secretary: Gary Weaks 2512 Red Fox Trail Troy 48098 248-540-8358 Treasurer: Bob Donohue 260 Four Seasons Dr Lake Orion 48360 248-391-1385 Editor: Greg Cardillo 2086 Cedar Key Ct, Lake Orion 48360 248-391-6803

Articles must be received by the 20th for next issue. Articles may be reproduced from Skywriter.

Skymasters Events

Wednesday, June 20 - 6:00 PM and every Wednesday till Labor Day Student Night–Scripps Road Field

'Night' may be a misnomer as folks are known to be out there at 10am if the weathers good. Even if the weathers bad, we still eat at 6pm – hence the saying "we always eat, we sometimes fly."

Saturday, July 7 - 12:00 Noon Skymasters Meeting –Scripps Road Field Summer meetings are short – bring a plane and come fly!

Sunday, July 8 - 10:00 AM

Team Fun Fly –Scripps Road Field

Categories to allow everyone to participate – from beginner to expert! Need a teammate – we'll find one for you...

Contact Mark Smith for more information.

Sunday, July 22 - 10:00 AM
Warbirds and Scale –Scripps Road Field
Any scale plane – normally a wide range including warbirds and civilian models.

Sunday, July 28 - 10:00 AM
Harold "Big H" Maseles 4 Stroke and Majestic Flyers –
Scripps Road Field
Any plane powered by a 4-stroke engine—any type of aircraft.

5

Wednesdays throughout the summer are designated as 'Student Night'. It is a day of flying – weather permitting – and eating regardless of weather. Some more details:

Flying: Students have priority for flying. Other pilots may fly if pads are free – but please be aware of students that may be waiting. Flying starts as early as 10AM with the day shift - weather permitting. Flying goes till 8PM – with the second shift joining in when we get out of work... We always have instructors at the field to help out – and many others helping with plane inspections and making sure planes are ready to fly. It can be busy – you may not get as many flights as you might other days, but it is a great way to meet instructors and make arrangements for other days.

Eating: Regardless of weather, we eat at about 6PM. Dinner is provided by the participants – it is not funded by the club... Here is what we ask of you if you are going to participate in our potluck dinners:

- Bring enough meat (or other) for the grill for at least you and your family.
- Bring a dish to pass enough for others to share.
 Don't have time? Many supermarkets have ready-to-eat items... Salads, fruit, rice dishes, potato dishes are all good ideas. We usually have a good supply of desserts. Note: We have a several week supply of Hot Dogs and various Chips please bring other items...
- As an alternative to a dish to pass we also post a list
 of staple items needed on a board near the grill... If
 you see an item listed you would like to bring, turn it
 over on the board and bring that next week instead of
 a dish to pass...
- Bring your own (non-alcoholic) beverage.

The more variety people bring, the better the selection for dinner. Thanks to all participants!

From

Welcome to the June 2001 issue of Skywriter! In between the raindrops we have gotten some fling in this year... This issue is running much later than usual – been a little too busy this month.

Our event season is rolling on – By the time you read this, the Electric Fly has been held. What



a day we had!! Look for a report next month. July has three events

coming. Look for details inside. Hopefully you can join us for our student nights and pot luck dinners. See more information above.

Please send me any input you may have for the newsletter. I'll include as many as I can. Note items must be received by the 20th for inclusion in the next issue. Please send via email to GMCardillo@att.net, or by mail to my address on back cover...

Che

Many of you know Chet Brady... He is a founding member and past President of Skymasters. He has helped obtain multiple flying sites for Skymasters and other clubs in the area... More recently, ran our Mammoth Fly In, our Float Flying at both Seven Lakes and Stoney Creek Metropark.

Chet's health is failing – his cancer has returned.

A tribute to honor Chet will be held on Saturday, July 14 from 1-3pm at the Best Western on West side of Gratiot just south of M-59. Please join us to say thank you to Chet for all he has done. Contact Joe Hass at 248-601-1541 for more information.

Kid's Day

Gary Weaks

One of our better-attended events was dampened this year by a breeze-blown morning drizzle. However the hardy sprits of the Skymasters were no match for Mother Nature, we were ready with instructors, training planes, cooks, and registration helpers. The grounds looked great thanks to the spring spruce-up. Shortly after 10:00 AM the rain tapered off and our first "customers" arrived. We had a slow trickle of 33 kids throughout the day who got to fly an R/C trainer from a buddy box. Add to that several parents and other "older" kids plus many who wanted a second turn so our instructors were kept pretty busy. Meanwhile, the kitchen cooked up over a hundred sandwiches. Each youngster who registered to fly a trainer plane was given a free lunch, a picture certificate, a foam airplane to take home and a raffle ticket for one of two airplane kites. The kites were won by Jeff Vail and

Carol King. At noon there were demonstration flights performed by Greg Cardillo flying his Giles 202, Paul Goelz flying a Raptor helicopter, and Ross Hardy flying a fun-fly ship. Kids day activities were closed at 2:00 PM with the final kite drawing.

Thanks to everyone who pitched in for this event. The youngsters (and oldsters) were having a great time. Even with the rain it was a successful event. I know that we are going to see many of those folks again and some will even decide to take up the hobby because of what they saw today, a safe, fun, family pastime.

(Thanks to Gary for coordinating this important event and everyone that came out to help. Pictures not available yet—Look for them next month... Ed.)

Seven Lakes Spring Float Fly

In five years of attendance and four years of running this event, the weather and number of pilots was at an all time high. A slight wind from the East and mostly sunny skies made for a fun event. Most float planes were of .40 to .60 class and of the usual varying types of construction. 30 pilots were registered this year.

Wade Wiley once again saved the day with the collapsible boat. (I helped him put this thing on his van, and I'm telling you – you've got to get one of these!!!). Wade or the boat made several retrievals at the event, with most being uneventful, but two being of heavily damaged aircraft from unexplained circumstances. Oddly enough, defying predictions otherwise, no-one hit one of those 400 series stainless steel swim buoys at this event.

"Most folk were so busy flying or watching that they only

wanted hamburgers this year, unlike last," according to Jamie Wegryn-Jones, concession coordinator. Lots of hotdogs and brats were left uncooked to be used in the following week at the cleanup day. Traffic was overall pretty good there at the concession stand.

Carolynn Foss won the grand prize in the raffle, which again this year was a Sig Somethin' Extra. Most other pilots won gift certificates we had from Joe's hobby, Rider's Hobby and Prop Shop Hobby.

Thanks to Greg Cardillo for support as always at this event and again to Wade Wylie with the boat. Thanks Jamie for running Concessions...





Bill Leppard's Cub on an landing.. Bob Burn's Falcon taxing in after a successful flight.

Meeting Minutes

Date: April 25, 2001

Location: Larson Middle School

Introductions:

President Ross Hardy Vice President Mark Smith Treasurer Bob

Donohue

Secretary Gary Weaks

Newsletter Greg

Cardillo

First and Second Time Visitors:

Steve Lane Tim Riley John Rhyndress

Reports:

Thanks to those who showed up for Bald Mountain Involvement Day. The DNR was very pleased 4 jobs mostly completed, in spite of the rainy weather.

Upcoming Meetings and Events:

Db Meter calibration next meeting

Now – End of April - Fuel Buy – Greg Cardillo and Al McGee, Morgan fuels. 10% cool power. Al fills all

bottles the same day. Price for bulk 10\$/gallon (others also available) Sign up sheets at meetings. End of April is deadline.

May 9th – Heat Shrink covering Techniques – G. Weaks and Members. Last Larson School meeting of season.

May 19th – Seven Lakes Float Fly. – Chet Brady

May 20th - Bald Mountain Float Fly. – Ross Jones

May 23rd - Field Work Party: All slabs are to be removed. New pilot barricades – PVC pipe. Also tables will be removable. Fill in low spots with soil and seed and encourage grass to grow.

June 3rd – Kids' Day - Need instructors

and training type airplanes.

Presentation:

Bill Leppard – Indoor rubber power.

With indoor rubber power, duration is the sought-after quality that the builder/pilots try to maximize. Where store bought balsa planes may only fly for a few seconds, the high-quality designs that Bill showcased have the potential for flights well over 20 minutes. Records for some designs are over an hour! Bill showed and flew examples of each class of plane. Everyone was amazed at how slow and graceful each of the plane flew!

Bill has been involved for a couple years now and competes in one of several AMA classes for indoor rubber power. Indoor kit costs are considerably less than R/C. Some kits sell for \$10 and produce a plane that weighs only a couple grams. All classes require that the material of construction is wood.

Bill first demonstrated a Penny Plane. Penny plans are a good place to start in this segment of the hobby. A Penny Plane plus propeller must weigh less than 3.1 grams. Record flights are 16 minutes. Dimensions are restricted for the AMA class. It is constructed from 1/16th balsa, 1/16th or 1/32nd for ribs. 1/8 by ½ for motor stick.

Covering must be a commercially available film such as Polymicro -(Mylar) a really thin version of monocoat, but 1/70th the weight of monocoat or 1/10 the thickness of Ceran wrap. Only covered on the top. The speeds are too slow to get enough aerodynamic advantage from covering the bottom of the wings. Ultra film is available at 0.9 microns thick. The covering is applied with 3M 77 adhesive. Cut off sheet ball up to get it well wrinkled. Build a holding frame first. Tape film to frame, then bring the covering into contact with the pre-glued wing and it is covered.

Only one side is covered. Airfoil is simply an arc – 3 or 5%. Left wing is longer – Not centered because of prop torque and left-hand turn. Wing is well above the fuselage – this is so that the stabilizer is not effected by the dirty air off of the wing. Rubber motor is .04 thick cut down to desired width. Rubber motors are wound up using a torque meter. Props are high pitch – 2.2 pitch to diameter ratio. Wood is expensive because of the strength to weight ratio selected for this type of plane.

Flying sites are divided into categories (1, 2, or 3) – determined by height of ceiling.

Next class – mini sticks. Min weight is 0.42 grams, 7 inch span, 2.5 inch cord. Stabilizer is 50% of wing area. 7 inch prop. Tail boom is bent off to the left. All have airfoils – they are lifting surfaces. Center of lift is different from R/ C, 70-80% of cord. Stabilizer is actually tilted to the right – again to help the turn. Prop, wings, and tail all turn the same direction (Left). Wing should not effect lift of stab. Incidence can be set because wings are removable and adjustable. Wing positive, stab negative. Rudders are mostly located on the underside; this is to facilitate the covering of the rudder without adding more weight of additional wood.

Next class – easy B's. 18 inch wing span. Stick fuselage. International class (FAI) and AMA class. Regulations are different. No length limit. CG is well behind the wing as a result of the long fuselage.

1.4 grams limit. (AMA has no weight limit) 500mg for a competitive ship. Records are 21 minutes. For easy B's

Propellers – all made of wood. C-grade balsa. Helical pitch in prop. Warp is achieved by wetting and wrapping around a form, then bake in oven. Now must be set in hub at the correct angle. Thickness 1/32 to .025 some-

(Continued on page 5)

Meeting Minutes

(Continued from page 4)

times sanded to the right thickness. 6 to 8 thousands thickness. Overall record is 62 minutes.

May 6th – Cloud Buster's Meet. Penny planes, mini sticks,

No-cal is another class using sort-of scale looks. `

New Business:

Show and Tell:

<u>Chris Hass</u>, Chubby lady, electric park flier. Little hornet, 11.4 oz, 29 span. Park flier.

Bob Burns – SeaMaster, 40 ARF by Ace, this will be one of the Float-Fly super prizes built by the retirees group. Herman Greif – Dornier 335 Push-pull twin engine German WWII fighter-bomber. 56" wing. Currently under construction. Spring Air retracts. Wade Wiley – PBN G&P models Catalina (under construction). 2 OS 70 four strokes 104" wingspan.

Motion to adjourn and second

Date: May 9, 2001

Location: Larson Middle School

Introductions:

President Ross Hardy Vice President Mark Smith Treasurer Bob

Donohue

Secretary Gary Weaks

Newsletter Greg Cardillo

First and Second Time Visitors:

Jack Steel (Former member)
Daniel Gure

Jack Edwards Brian Sayler David Wenda

Upcoming Meetings and Events:

Now – End of April - Fuel Buy – Greg Cardillo and Al McGee, Morgan fuels. 10% cool power. Al fills all

> bottles the same day. Price for bulk 10\$/gallon (others also available) Sign up sheets at meetings. End of April is deadline.

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May 23rd - Field Work Party: All slabs are to be removed. New pilot barricades – PVC pipe. Also tables will be removable. Fill in low spots with soil and seed and encourage grass to grow.

June 3rd – Kids' Day - Need instructors and training type airplanes.

Presentation:

Gary Weaks and club members – Heat Shrink Covering

Gary and other members of the club shared their expertise and experiences along with demonstrations of various techniques used to apply heat-shrink covering. Gary started with an explanation of the basic covering material and the science behind it. Afterwards, a wing was partially covered as a demonstration. Techniques and tools for making and applying graphics were also covered.

New Members Voted In:

Ronald Holley James Falzon Robert Gillespie David Wendt John McKeon Daniel Gure James Allen Mark Austin Garry Bowman Robert Bowman Pat Costello
Dave Ditner
Steig Ingvarsion
Joseph Miller
David Palchek
Tim Riley
Anthony Rohala
Daniel Schulz
Alan Toomey
Ron Wehner
Ted Wittlesey
Shawn Wyant

Show and Tell:

<u>Joe Rubinstein</u> – Acronat, O.S. .25 Engine

<u>Dick Freiwald</u> – Sig Something Extra, Super Tigre .45 for power.

<u>Joe Hass</u> – Cermark 60" Pitts ARF, Saito 150 for power. Herring Aquastar with speed 400 electric for power, and a Hobby Lobby electric Spitfire.

<u>Tim Reetz</u> – Cricket (Mud Duck) <u>Bob Burns</u> – Ryan STA ARF (The Fall Float Fly super raffle prize), O.S. 91 surpass for power

Rich – Hanger 9 Easy Fly.

Motion to adjourn and second

The fuel order has been placed.
Watch your email for a note when it arrives! Thanks to Al McGee for placing our order once again...

Skymaster's Events



Skymasters R/C Club

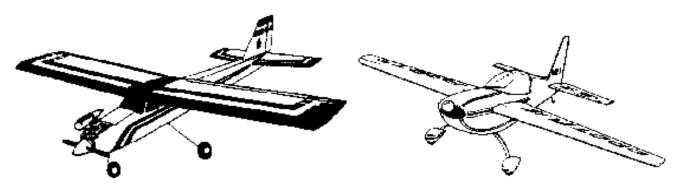
Skymasters Radio Control Club annual club event

Team Fun Fly

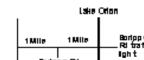
Sunday July 8, 2001 at the Scripps Road field (see map).

Event flying starts at 10AM.

Categories from Beginner to Expert Special "Slow Poke" one design class



Noise limit - 94Db at ten feet - no exceptions.



Scripps Roadfield



- * Lots of parking.
- * Refreshments available at events.
- * Great chance for the public to see this exciting hobby in action.
- * Toilet located at field.

The Scripp's Road flying field is located within the Bald Mountain State Park about five miles north of the Palace of Auburn Hills. All cars need either an annual or day Park permit which is available at the event.

For more information call Mark Smith 248-391-5970 www.geocities.com/~skymasters

Skymaster's Events

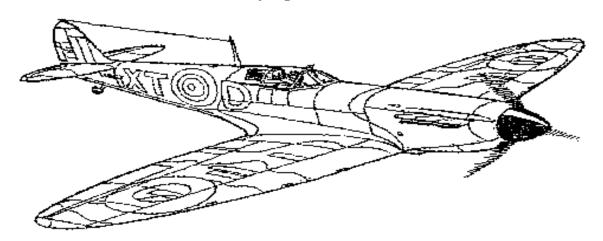


Skymasters R/C Club

Skymasters Radio Control Club annual club event

Warbirds and Scale Aircraft Sunday July 22, 2001 at the Scripps Road field (see map).

Event flying starts at 10AM.



Noise limit - 94Db at ten feet - no exceptions.

Scripps Roadfield



- " Lots of parking.
- * Refreshments available at events.
- * Great chance for the public to see this exciting hobby in action.
- * Toilet located at field.

The Scripp's Road flying field is located within the Bald Mountain State Park about five miles north of the Palace of Auburn Hills. All cars need either an annual or day Park permit which is available at the event.

For more information call Joe Finkelstine 248-375-0530 www.geocities.com/~skymasters

Other Area Events WINGS OVER WHITE LAKE



2001 Joe Nall Fly In

This year marked the 19th installment of what has become one of R/C's largest events, the Joe Nall giant scale fly-in. Held each year in Greenville, South Carolina, it out-grew its original location last year. The new site which includes a lake for floatflying, attracted four Skymasters to make the spring pilgrimage for 2001. Darrell Watts, Jim Held, Steve Fredericks, and Gary Weaks loaded up seven giant-scale float-planes (which filled a 20 foot snowmobile trailer) and headed south. We arrived and set-up camp for our three days of R/C overdose! The weather was wonderful for mid May, sunny and 90 each day. There were over 500 pilots registered. Many camped right at the flying site (a private airport owned by event founder Pat Hartness). Flying was allowed from sun-up to sun-down and even spilled over into the night with a few pilots lighting up the night sky with illuminated models. The pit area was huge, by our estimates it was a third of a mile long, filled with airplanes. Most models fell into the 3-D category (Giles, Caps, Lasers, etc.) with other giant scale planes making up the balance. Seven pilot blocks were busy most of each day but it was possible to get a pin and a flight, you just needed some patience. Although

the float-planes were in the minority (about 25 in number compared to an estimated 1200 conventional planes) we did attract a lot of attention. Many pilots stopped by the Skymasters' tent to find out how to fly from the water. Some we met may even show up at our Midwest Regional Float Fly. We were a hit with Vince Pettke's monocoat jobs on the Cessnas, Steve's rare Maul Rocket, and Gary's folding wing biplanes. Except for a few mishaps, the event was accident free for the most part with most pilots returning with what they brought. At noon each day the R/C action was held for a fullscale airshow which included a pair of better-than-new AT-6s and a state-of-the-art Cap 232 bearing the logos of JR, Hanger 9, Zenoah, and Carden Aircraft flown by aerobatic champion Matt Chapman. Most big-name venders were also there prompting some to describe this event as an out-door Toledo show. The socializing and camaraderie was capped off with a Saturday night Bar-B-Q at the home of Pat Hartness. Although it is a long way from Michigan, the Joe Nall event was definitely worth every mile!

Other Area Events

	Jun					
	1-2-3	Whirlybirds	Heli meet, FAI- Class 1-2-3, ScI,Free	At Grosse Isle	Roy Dietz	313 839-4143
	2-3	RCCD	R/C Scale combat	Warbirds Over Lenox"	Dave Wagensomer	313 881-9967
	2-3	Weak Signals	Q-500 Pylon-428	Std & Exp	Phil Smith	734 429-4707
	2-3	Pontiac MAC	IMAC Meet	Big Birds Over White Lake"	Don Hines	248 681-2752
	15-16-17	Bellville Strawberry Festival	Air Show & Static Display	Bellville, MI		
	16	Weak Signals	Sailplane	MSL Meet	Phil Smith	734 429-4707
	23-24	Pontiac MAC	Giant Scale Fly-In	80 inch monoplane, 60 inch bipes	Frank Vella	248 627-8060
	30-Jul 1	RCCD	Big Bird	IMAA Meet	Rich Vukmirovich	810 468-1360
	30-Jul 1	Signal Seekers	Precision Aerobatics		Bob Kane	734 281-8514
	July					
	7-8	UFO	12th Annual Giant Scale	Flight Of Giants"	Larry Dalrymple	734 722-2489
	7	AA Falcons / EFO	Mid-America Elec- tric Fly		Ken Myers	248 669-8124
	8	AA Falcons / EFO	Mid-America Electric Fly		Keith Shaw	734 973-6309
l	15	Chesaning R/C	Heli Fun Fly		Michael Freeman	517 871-2673
	15	RCCD	10th Great Lakes Scale Classic	Scale	Bob Chapman	248 524-0092
			Ocaic Olassic			
	27-28-29	Michigan Jets	Jet meet	Grosse Ile		
	27-28-29 28-29	Michigan Jets Ribcrackers		Grosse lle Lang Field	Greg Bessette	810 229-9732

Below—the Skymasters contingent present at the Joe Nall 2001 Fly In.





Greg Cardillo 2086 Cedar Key Court Lake Orion, MI 48360-1800

www.geocities.com/~skymasters

Email: skymasters@geocities.com

Upcoming Events: June 20—Student Night (every Wed till Labor Day!) July 7—Meeting—Scripps Road Field July 8—Fun Fly July 22—Warbirds & Scale July 28—Four Stroke

Skymasters Infor

Skymasters field is located within the Bald Mountain State Park on Scripps Road (see map). State Park

Permits are required and can be obtained from the Park Head-quarters located on Greenshield Road or at club events. Flying is permitted from 10 AM to 8 PM. The noise limit for 2001 is 94 dBa at 10 feet—this noise rule is strictly enforced,

Wednesday evenings during the summer 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). Students are encouraged on other days and

weekends as well. It is a great idea to come on Wednesday, meet the Instructors and arrange for more instruction time together. Our Chief Flight Instructor is Greg Brausa (248) 373-8949.

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—September to May—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 at 7:30 PM. Show and Tell, coffee and donuts, and modelspeak are the order of the evening. Come along—they are fun,

mation

The Skywriter newsletter is sent to all members, local hobby shops, and other R/C clubs in the area and around the country. Any and all contributions are welcome. Please pass any articles to the Editor. If you know of anyone who may be interested in our hobby (friend, relative, neighbor, colleague or acquaintance), please give them a copy of this newsletter or a copy of an AMA magazine. It may spark their interest and get them into our hobby!

