



May 2023

THE SIDELIGHT

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only = \$100. Downstairs only= \$50. Both= \$150.

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KYANARegionAACA.com

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Deadline for articles is the 18th of preceding month to have it printed in the following issue. Articles from the membership are welcome and will be printed as space permits. Members may advertise at no charge, either for items for sale or requests to obtain.

Editorials and/or letters to the editor are the opinion of the writer and do not necessarily reflect the official policy of the club.

The Sidelight is automatically delivered to all members by email each month. Anyone wishing to receive a paper copy via US mail may call Sandra Joseph (502) 558-9431 or email her to:
sidelighteditor@gmail.com.

FROM THE PRESIDENT MARK KUBANCIK

From the President – Mark Kubancik



Sometimes you get a glimpse into what could be your future. Whether it accurately predicts the future may depend on how you react. I recall twelve years ago after my mom had a serious stroke. My dad was faced with selecting a care facility for my mom while balancing affordability, quality of care, and support from Medicare. After several visits to the facility to visit mom, one of the first things Pat and I did was to purchase long-term care insurance. Although we have not yet had to use this insurance, it is reassuring to have such coverage as we get older.

So, you are probably wondering where I'm going with all this. Fred and I just returned from the Spring Charlotte Auto Fair. I've been attending Auto Fair since the early '90's after we moved to North Carolina from Ohio. At that time, the swap meet field was contained inside the infield of Charlotte Motor Speedway (CMS). A live car auction ran for several days inside the grandstand and the entire track was ringed with cars for sale in the car corral. Spring Auto Fair continued to grow larger each year, and eventually new swap fields were opened outside the track. More and larger car club displays were added and attendance was likely just shy of the legendary Hershey and Carlisle swap meets.

Then, Covid intervened. AACA's Hornets Nest Region owns Auto Fair and rents the event space from CMS. When Covid lockdowns cancelled Auto Fair in Spring 2020, CMS would not return the funds Hornets Nest had already paid for space rental. As a result, Hornets Nest was unable to refund vendors that had already paid for their space rental. As you might imagine, this left a sour taste in the mouth of many vendors, a good portion of whom have not since returned. As a result, the once proud Auto Fair has fallen on hard times. Attendance is down, vendors are leaving, the car auction left several years ago, and only the back stretch had cars for sale in the car corral. It also doesn't help that for the last couple years the spring rod run in Pigeon Forge is scheduled on the same weekend. It's kind of sad to see such a once-popular show slowly decline.

Attendance at our KYANA swap meet continues to hold its own. We have added more vendor space and are nearly sold-out year after year. The vendors are our customers, and we need only to look at Auto Fair to see how things might turn out should we not treat our customers with respect. We talked with many vendors at Auto Fair, promoting our swap meet to those that do not yet attend. We also talked with several vendors who already attend the KYANA swap meet. Without fail, all said they did very well at this year's swap meet and are looking forward to next year. It's important to understand what could happen if we lose focus on the customers who make our swap meet a success.



You may recall seeing props to KYANA members in prior Sidelights who achieved AACA judging credit milestones. This year at Charlotte I was proud to receive recognition from AACA for 50 judging credits. It's been fun reaching this level!

Thanks, Mark

Remember...it's supposed to be fun!

FROM THE SECRETARY ALEX WILKINS

KYANA Region Board Meeting Minutes – April 17, 2023

Location: KYANA Clubhouse

KYANA Region Board Members Present: Mark Kubancik, Alex Wilkins, Beth Coates, Willie Willhoite, Stan Gaus, Chester Robertson, Tim Truax

KYANA Region Members Present: None

Meeting called to order at 6:36 pm

Secretary's Report: Beth Coates moved to accept the March meeting minutes, Willie Willhoite seconded the motion. The motion carried with all in favor.

Treasurer's Report: Alex Wilkins moved to accept the March report, Stan Gaus seconded the motion. The motion carried with all in favor. The transition of the C7 accounts to Stockyards Bank should be complete within the month.

Activities: Chester Robertson updated the board on events. More events are needed for the summer.

Membership: Nothing new to report.

Clubhouse Rentals: Nothing new to report.

Sidelight: Nothing new to report.

Website: Mark Kubancik updated the board that more stories are needed to publish to the website.

Old Business: The board discussed 2023 budgeting. Alex Wilkins updated the board that KYANA will plan to host a National Event in September of 2025 and will be acting as the event chair.

New Business: The board discussed electronic payment options with the move to Stockyards Bank.

A motion to close the meeting was made by Alex Wilkins and seconded by Willie Willhoite. The meeting adjourned at 7:48 pm. The next meeting will be held at the clubhouse on May 22 at 6:30 pm.



KYANA EVENTS BY CHESTER ROBERTSON

As May approaches, I will be recovering from heart surgery. I guess I'll be inactive for a few weeks. I'm going to cancel THE KENTUCKY DOWN UNDER trip planned for May 20th and as my health permits, I will reschedule. The Old KYANA Yard Sale is on June 10th and on June 24th we will host the first ever KYANA Car Show at the KYANA clubhouse.

See you in June, Chester

PRAYERS, THANKS AND CONGRATULATIONS



✚ Patsy Basham is steadily improving following recent kidney surgery and sent this thank you note: I would like to thank KYANA for the beautiful fruit basket and for all the prayers, cards and acts of kindness during my recent surgery. It means a lot to go into surgery knowing that so many people are lifting you up in prayer. Patsy Basham

✚ Helen Fackler fell and broke her wrist. She is comfortable at home recovering from wrist surgery.

- ✚ Chester Robertson is recovering from successful quadruple bypass surgery.
- ✚ Ken Martin undergoes his second cataract surgery in a couple of weeks.
- ✚ Patsy Basham is steadily improving following recent kidney surgery.
- ✚ Donnie Meyers was released from the hospital and is in rehab.

Please keep these KYANA members in your thoughts and prayers.

Additional note: Patsy Basham, along with husband Carl, have served KYANA by managing our sick & visitation outreach. As a result of her surgery, preparation, and recovery, Patsy and Carl will be taking leave from their sick & visitations duties for a while. My wife Pat and I will stand in for Patsy and Carl until such time as Patsy is ready to again assume her duties. If you are aware of a KYANA member who needs prayers or who is hospitalized, please reach out to Pat or me at the numbers listed below. Thanks for your support of our KYANA community.

Pat Kubancik

502-445-4993

Mark Kubancik

502-797-8555

Email: mark.kubancik@gmail.com

DAY AT THE MOVIES



EXCITING NEWS!!!!!!!!!!!!!!!

Herbie the Lovebug movie is coming to the KYANA Clubhouse. Bring your kids! Bring your grandkids! Bring a friend! There will be hamburgers, hotdogs, chips, drinks, popcorn, ice cream and all the fixings to make your very own sundae.

Date: Saturday, May 13, 2023

Time: 2pm

Location: KYANA Clubhouse, main level

Cost: \$5 per adult, children 16 and under FREE

Please RSVP to: Bethany Coates 812-989-7892 or Eric Hill 502-821-2345

Mail your payment to Bethany Coates 210 Wolfe Rd, Louisville, KY 40272

Deadline: May 6, 2023

COME ON OUT AND HELP SPRUCE UP THE CLUBHOUSE



After a long, hard winter the KYANA Clubhouse property needs some sprucing up. Jerry Bass will be hosting a Saturday morning grounds cleaning work day on May 20th. Please arrive at the clubhouse, located at 3821 Hunsinger Lane, between 8:00 AM and 9:00 AM. We should be done by noon. The cleanup will entail trimming bushes, picking up limbs and debris, and weeding and mulching the beds. We also plan to rebuild the trash can enclosure which has

fallen into disrepair. Please bring your own tools. KYANA will provide refreshments and snacks. Please call or text Jerry Bass at 502-296-3814 to RSVP.

MIDDLETOWN POLICE FOUNDATION CAR SHOW

**CITY OF MIDDLETOWN KENTUCKY
POLICE FOUNDATION**

CAR – TRUCK- BIKE SHOW
Sunday April 16th
Rain Date May 21st
 11750 Shelbyville Road



POSTPONED TO 21 MAY

<p>Show Time: 11:00-4:00 Cut off to registration : 1:00 Awards Ceremony: 3:30</p> <p>Location: Village Square Shopping Plaza 11750 Shelbyville Road</p> <p>Best Of Show Award Top Ten Awards</p> <p>Raffle Door Prizes</p>	<p>Entry Fee \$20.00</p> <p>50/50</p> <p>Refreshments Available</p> <p>For more information please contact: Bill Bond (502) 724-4728</p> <p>Gary Edelen (502)592-5835</p>
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All proceeds will go to the
 The Middletown Police Foundation,
 a 501(c)(3) Corporation

KYANA members Greg Gitschier, aka the Sneakin' Deacon, and Willie Wilhoite are assisting the Middletown Police Foundation with their first annual car show. The show is now scheduled for the rain date of Sunday, May 21. The show location is the Village Square Shopping Center on Shelbyville Road in the heart of Middletown.

This show is an event on the KYANA calendar. Any KYANA member who shows and registers a car, truck, or bike will have their \$20 registration fee paid by KYANA. All you need to do is let event sponsor Greg Gitschier know you plan to attend the show, show up, list KYANA as your club affiliation, and KYANA pays your registration. Phone or text Greg at 502-379-2415 or email him at gitsch@msn.com

CHILI NIGHT AT THE KYANA CLUBHOUSE

Special Guest – Rick Smith, Owner, Eastern Tennessee Chrome Plating, Bristol, TN



Please join us **Friday evening, June 2**, for some good food, fellowship, and helpful discussion with Rick Smith, owner of East Tennessee Chrome Plating. Rick has been in the metal finishing business for many years, and he is looking forward to working with KYANA members who may have a need for chrome refinishing on our classic cars and trucks.

We will be serving a hearty chili & hot dog supper including dessert, soft drinks and all the fixings. Cost for KYANA members is only \$6.50 per member. Cost for non-members is \$13.00 per person. Non-members are welcome to attend the presentation by Rick at no cost if they choose not to dine. Supper will be served at 6:00 p.m. followed by a question-and-answer session with Rick Smith.

Mark Kubancik is inviting members of the local Pontiac Club to join us. Feel free to extend invitations to your car friends who are not yet KYANA members.

Send your check payable to KYANA to event sponsor Ken Martin at the address listed below. Deadline to provide a count to the caterer is Monday, May 29.

Ken Martin, 8106 Barbour Manor Dr, Louisville, KY 40241. Phone number: (502) 641-2153. Email address: Batcheldor22@gmail.com

KYANA YARD SALE



GIANT YARD SALE
KYANA CLUB HOUSE
JUNE 10, 2023 @ 8AM
Members set up for free.

Clean out your attic, garage, or maybe the trunk of your old car! Many club members are now rich from attending this sale.
Please call Bethany Coates 812-989-7892 or Eric Hill 502-821-2345 to reserve your space.

MARK YOUR CALENDAR!!!

KYANA is excited to announce that there is a new event taking place at our home base. Jerry Bass will be hosting this event. If you have any questions, you can call him at: 502-296-3814. There will be more information coming next month. Let's make this a 1st annual event by having a great turn out.

KYANA Car Club
3821
Hunsinger
Ln
Louisville,
Ky 40220

CAR SHOW

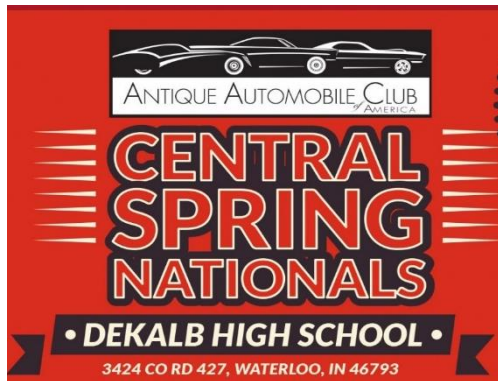
PRIZES!

Raffles
Food
Bouncey

Pre-register at
creekdeer5004@gmail.com
\$25 Registration
Proceeds for flood victims in
Hazard Ky

JUNE
24, 2023
SATURDAY
9AM-3PM

AACA CENTRAL SPRING NATIONALS



If you haven't been to the spring nationals in Auburn, IN trip, we would love to have you join us. The meet will be held Saturday, July 8th, at Dekalb High School, 3424 CO Rd 427, Waterloo, IN 46793. This is approximately 5 miles from the Comfort Inn in Auburn. Judging school is at 2-4PM on Friday, July 7th, if you need it. Judge's breakfast is at 8 AM Saturday and the vehicles should be on the show field by 9 AM. There is a brochure at the website listed below with more details about the event. You will have to scroll down to see a list of everything that is available: [Auburn](#)

[information](#)

We will be staying at the Comfort Suites, 1137 W 15th St, Auburn, IN 46706. The rooms I reserved for KYANA members and pre-members are for Friday, July 7th ONLY and they will only cost you \$55. This includes a free breakfast at the hotel. If you want additional nights you will need to make these reservations on your own.

We will have dinner at the Paradise Buffet at 4:30PM on Friday. KYANA will pay \$15 per member toward your tab. The address for the restaurant is: 1411 Shook Drive, Auburn, IN 46706. This should give those interested to still see the cruise in downtown Auburn which is at 5-8PM.

Make a check out to KYANA for \$55 for a room and let me know if you prefer 1 king bed or 2 beds in your room and I will let the hotel know.

Send the check to Jim & Sandy Joseph, 1925 Pine Run Lane Batavia, Ohio 45103. If you have any questions call 502-558-5075. Hurry rooms are limited to the first 18 responders.

If you haven't been to the museums they are definitely worth your time. You can find information on line about: Auburn Cord Duesenberg Museum, National Auto & Truck Museum, Early Ford V-8 Foundation Museum, Kruse Museums which are all in Auburn and the International Monster Truck Museum is only 12 miles away in Butler, IN.

Hope you can make it!

ARTICLES WANTED

Do you have an interesting story about your antique car? Perhaps how you purchased it, where you got it from or just a funny story about the time you took your car out. I hear stories at our events all the time. Please consider writing an article and submitting it to the Sidelight editor, at sidelighteditor@gmail.com, to be included in an upcoming newsletter!!!

BILTMORE TRIP

Please join Carol and I for a trip to The Biltmore Estate in Asheville, N.C. We will be leaving on Monday, August the 7th and returning on Wednesday, August 9th 2023. This will be a 3-day 2-night trip. The cost per couple will be \$275.00 and \$225.00 for a single.



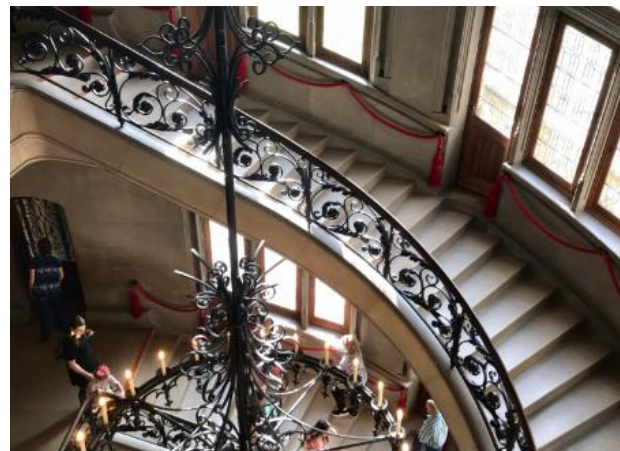
Trip will include 2 nights at the Country Inns and Suites near Biltmore with complimentary breakfast each morning. Dinner the first night is still to be determined. Dinner the second night will be at the Cracker Barrel near the Hotel. A detailed itinerary with addresses and maps will be emailed to participants when the date gets closer.

The Estate tour includes 4 floors of the mansion, the grounds, *Italian Renaissance Alive* immersive exhibition tour, and free wine tasting at the winery.

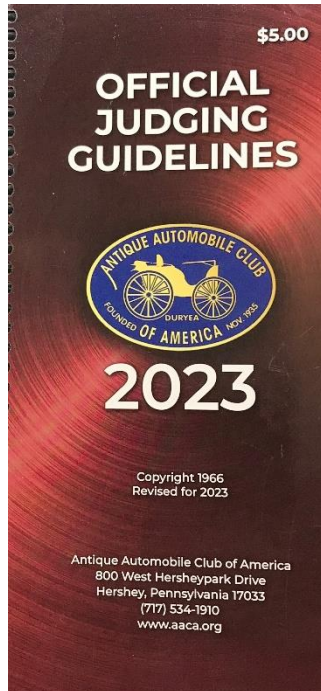


Other activities for the brave are carriage rides, horseback tours of the grounds, kayaking, rafting, guided hikes, sporting clay lessons, trap shooting lessons, guided jeep tours. These are at additional cost and are not part of the trip and should be scheduled in advance.

Space is limited so please RSVP Carol Bass by June 30th at (502) 714-8947 to hold your spot.



YOU BE THE JUDGE



Did you know that many of your fellow KYANA members are experienced AACA judges? Once you begin judging at the AACA level you are eligible to earn judging credits in appreciation for performing your duty. KYANA members were well-represented in 2022 when the following judging credit milestones were recorded by AACA Judging Administration:

Jeff Brown - 10 credits Donna Burchette - 10 credits
Glen Ray - 75 credits Dollie Flechler - 150 credits

In addition to the above awards, John & Dollie Flechler and Fred Trusty were recognized for perfect attendance at all 2022 AACA Nationals. And speaking of Judging Administration, KYANA's Dollie Flechler serves our parent club as Chairman of Judging Administration. If you ever have questions about how to become a judge, how to register for judging, judging credits, or any other part of the judging process, feel free to contact Dollie at 502-744-2933. I've contacted Dollie several times with questions as I moved through the judging process, and she has always been very helpful.

Why become a judge? Whether you are a field judge or work in judge's administration, you will work alongside fellow AACA members from all around the country. It's a great way to meet fellow members who share a common interest in old vehicles all while closely inspecting some of the finest original and restored vehicles in the country. You will often hear the owners tell the story of their vehicle and you will learn something each time regarding vehicle detail you may not have known. Most every vehicle owner that shows at an AACA National meet would like to be recognized with an award or certification for their effort. As one of the field judges or administration workers, you play a critical role in determining which vehicles receive the proper recognition.

Perhaps you think you are not qualified to be a judge. If you have ever purchased a used vehicle, you have used your automotive judging skills. If you have walked amongst the cars gathered at a local show or cruise-in, looked them over, and picked out your personal favorite, you have used your automotive judging skills. In the AACA judging program, you will begin as an apprentice judge and go through some preliminary training. Once you move up from apprenticeship, you will work on a judging team with more experienced judges as well as an experienced team captain. These experienced judges will mentor you, guide you through the process, and answer any questions you have during the judging process.

As our hobby ages there is an ever-increasing need to replenish the judging ranks. Please consider attending an upcoming AACA national meet and participate as a judge. I truly believe you will enjoy the process and camaraderie.

Mark Kubancik

EASTER EGG RECAP

EASTER EGG HUNT WAS A HUGE SUCCESS!!!!!!





If you can identify the component shown in the picture, give yourself a pat on the back. This is the story of my quest for this part.

I have a 1988 Silver Spur, and I'm still learning the car's personality and idiosyncrasies, such as the tendency for its battery to discharge even with all switches turned off and its aversion to jump starting. I painfully learned about the reason for the jump-start prohibition when the battery ran down in the garage and I got out the forbidden jumper cables. The car started up normally, but a fuse blew and most of the dash gauges went out. Clearly, I had damaged the electrical system somewhere.

After consulting everyone I could snag to listen to me around here and on the internet, I resigned myself to the only method I could think of to troubleshoot the fault: I would systematically disconnect every device on the circuit one at a time until the fuse didn't blow anymore. I started by unplugging each connection to the dash gauges; they were all working fine. I looked for shorts and burned wires under the dash; again with no evidence of damage. Then I removed the fuse panel and attacked the wiring there, unplugging and reattaching wire after wire with frustrating results. My car seemed to be in perfect condition—(except for the fact that it continued to blow fuses).

At this point I was considering causes such as alien intervention or poltergeists, but instead I decided to make one last deep dive into the dash wiring. At that point I discovered a compartment in the dash tucked away behind the main wiring compartment that's behind the fuse panel. Buried in this tiny space there was the component shown the picture. I didn't know what function it served, but when I unplugged it, the fuse remained intact. I had found the problem!

Next, I tried to find a replacement.

Searching for parts is a major aspect of the vintage-car hobby. Each found part has its own story, or saga, behind its history and discovery, much like buried Viking gold. At times the search can be frustrating, and at other times, when a rare piece is unearthed, the satisfaction you feel makes it all worthwhile, regardless of the humble purpose the part might serve in the car's operation.

In this case, I cautiously sent an email to the manufacturer, (Pektron plc.) in Derby, England on the off-chance they might still be in operation and still making car parts. Knowing that the odds were against me, I wasn't shocked to receive a reply saying that I must have made a mistake since the part number I sent didn't match any of their parts or even have the right format to fit their numbering system. Fueled by righteous indignation, I sent back a photo of the part with the

engraved number visible as well as the company name.

This is the point where the trail usually goes cold and the search comes to a disappointing end. I fully expected to receive a canned reply saying that the part was not available, and why on earth was I bothering them. Instead, I received an answer from Liz in customer service: "Pektron is a family-owned Company and the Chairman, Neil Morgan, actually saw this part on my desk yesterday and was telling me all about it and how they were mostly sent to the U.S.A.,.....I (Liz) asked the Director of Development about it and he was eventually able to locate one in his box of "old treasures"...It's always very satisfying for us when we can help someone out by finding these old parts and I really hope that it is in working order for your very handsome looking Rolls Royce."

To my undying appreciation, Liz then sent me the part from England without charge.

This tale may seem trivial to many readers but it's meant to inspire all those on the search for obscure parts. Don't give up hope of finding what you need. In this case the part was the electronic seat belt warning buzzer. Keep up the search, and who knows what parts and helpful people you might discover.

— Dennis Buchholz (KY)



VEHICLES FOR SALE

Roger Stephen's cousin is selling Roger's two antique vehicles. Please contact Amy Kelty with any questions about these vehicles. Call or text Amy @ 502-836-7126. Proceeds benefit the small family cemetery where Roger is interred.

1917 Ford Model T Runabout. Older restoration. Asking \$15,000 or make an offer.

1953 Chevy 1 ton pickup. All original including 235 six-cylinder engine. Very clean, runs and drives. Asking \$40,000 or make an offer.



ENJOY THE FOLLOWING ARTICLE SUBMITTED BY STEVE LIPPMANN

AMERICAN AIRPLANE, BRITISH ENGINE, AND CARBURETOR-FIXING ENGLISH LADY

By Steve Lippmann

(Ladies, pay particular attention to the information toward the end of the article in which a woman, around 1936, received many accolades for her contribution to carburetor research and development.)

There is much intriguing history about World War II. How did the Allies win it? Among some of many answers are that the United States and Great Britain cooperated at technological advancements for joint military benefit; in contrast, there was only very little of that between the Axis nations.

One prominent example of mutuality was how the otherwise very combat-successful American Sherman tanks in North Africa arrived in England mounted with a too-weak 75mm main

gun not powerful enough to destroy many of the newer Nazi panzer tanks. The original Sherman artillery piece was no match for the Tiger tank's very famous "88" rifle, nor for the Panther's 7.5cm version. Soon, with a British-built cannon, it was upgraded for Allied armies into the so-called Sherman "Firefly;" these up-gunned, more formidable Sherman tanks became available. They were equipped with a 3inch,76.2mm caliber, 17-pounder anti-tank weapon. Working together, this new firepower version Sherman tank attained the ability to somewhat more capably counter German Tiger and/or Panther panzers.

Another story follows: from the U.S.A. came a promising new Mustang airplane, but its performance was lacking. The original Allison power plant did not do so well, it was not combat-competitive late in WWII. However, once the underpowered North American Aviation's P-51 Mustang was improved by a partnership-installation of a British Rolls-Royce Merlin engine, this fighter aircraft got a huge boost in performance. The Merlin was a liquid-cooled, V-12 piston engine, at nearly a 1,650 cubic inch displacement.

Rolls-Royce already had a long, great reputation as an engine manufacturer, and the Merlin already had a been powering a variety of British airplanes, including the Hawker Hurricane and Supermarine Spitfire. These two fighters later became famously successful in the Battle of Britain.

Merlin engines were also used in numerous other WWII aircraft (including many bombers and other fighters), land vehicles, and ships like our PT boats. A vast number of these were made in the U.S.A. under license by the Packard Motor Car Company. Subsequently, this country also provided the British with higher, 100-octane fuels that further increased the Merlin's potential output capacity.

Initially, however, early Merlins suffered a sometimes-fatal carburetor complication. During air-combat, this engine would shut off when flying upside down or in any prolonged negative gravity situation, yielding fuel-flow issues that resulted in engine failure. Their direct, up-draught carburetors had a dual-choke system and only functioned properly with downward gravity. Negative gravity was induced when the aircraft flew inverted or the nose pitched downward in a roll, especially with a wide-open throttle; this was a frequent avoidance maneuver during enemy contacts that would cause fuel to flow upward to the top of the float chamber and flood the supercharger with a too-rich fuel mixture.

During aerial "dogfights," when Royal Air Force pilots took such evasive action trying to avoid being targeted by enemy fire, this carburetor shortcoming was hazardous. A fighter airplane with even a transient loss of power was very vulnerable. Similarly, British pilots were unable to incur negative gravity while chasing Nazi aircraft during Luftwaffe escape maneuvers for fear of an engine shut-off. British engineers began working to fix this issue.

Messerschmidt 109 and Focke-Wulf 190 fighters with Daimler-Benz-601 engines were equipped with fuel injection since 1937. Injectors provide a steady fuel flow, so the Luftwaffe was without that dangerous defect. Now, this is where Beatrice Tilly Shilling enters the history.



Beatrice Tilly Shilling was born in England in 1909 and took a liking to motorbikes at age 14. She became a motorcycle racer and was at least once clocked at over 100 miles an hour while racing on a Norton motorcycle. As a young girl, she also developed interest in engineering, joined the Women's Engineering Society, and ultimately earned a college engineering degree at the University of Manchester.

In 1936, she was employed by the Royal Aircraft Establishment (R.A.E.). Her mechanical expertise resulted in her getting promoted to Technical Officer in charge of Carburetor Research and Development by 1939. Along the way, she had met and married George Naylor, a Royal Air Force pilot; he flew bombers and survived the war.



Even before the story of the Mustang begins, during the Battle of Britain, it became evident, as noted, that the standard Rolls-Royce Merlin carburetor would flood and the engine stall during negative gravity situations; this grave handicap compromised British efforts to protect their homeland. It prevented Royal Air Force aviators from quickly dodging Luftwaffe fighters and hampered them from consistently being able to pursue Nazi aircraft.

There was a big impetus in Great Britain during 1941 to correct this problem. That same year, Beatrice Tilly Shilling rather quickly designed a carburetor restrictor that could mitigate fuel-flow flooding. This quick, stopgap remediation solution, officially called a R.A.E. restrictor, was a small thimble or later just a flat brass washer with a hole in the middle. The restrictor prevented excessive fuel-flow-stalling. It was like a valve with an aperture and was nicknamed "Miss Tilly Shilling's orifice," "Miss Tilly's diaphragm," or simply "Tilly's orifice." It did not fully solve the problem; yet, it helped a lot, allowing very short periods of safer negative gravity exposure. Carburetors equipped with this device did then afford Royal Air Force pilots at least some brief, negative gravity-aerial combat flight times.

Together with a team of mechanics, still in 1941, she toured English and Scottish airfields and installed this quick-and-simple fix into Merlin fighter engine carburetors. There were two versions: one for 12 psi pressure manifolds and another for 15 psi supercharged units. Their installation somewhat equalized air combat; her expertise is credited with helping to turn the Battle of Britain into a Royal Air Force defeat over the Luftwaffe. Two years later, further fuel-delivery developments led to an injection, pressurized Bendix carburetor that eliminated this problem.

With this now improved Merlin engine performance in the already excellent airframe, the Mustang became the premier fighter airplane in the late years of WWII. The Shilling device was a significant step in initially defeating the Luftwaffe near to Britain, in the air during 1941-'42. And later Mustangs, also with extended fuel capacity ranges, devastated the Nazi's air force in the air, and on the ground, over Germany in 1944-'45.

After WWII she and her husband became part of an automobile racing team. Her carburetor innovation is credited with considerable benefit to the Allies. Her rise as a women engineer afforded her a position to advocate for women's rights in the workplace and beyond. Having made a considerable engineering achievement, she worked until retiring in 1960 and died in 1990. A pub named in her honor, the Tilly Shilling, is in Farnborough, England. It is in the town where she was employed at the Royal Aircraft Establishment ... a fine tribute.

JUST FOR LAUGHS



*"Orville keeps bragging about restoring that car.
He fails to tell people it took him 70 years."*



**KYSWAP
KYANA SWAP MEET
LARGEST INDOOR
SWAP MEET**



57th YEAR - SINCE 1965

March 9-10, 2024

**KY State Fair & Exposition Center
937 Phillips Lane
Louisville, KY 40209**

Saturday – 8:00am – 6:00pm

Sunday – 8:00 – 4:00pm



Admission - \$10.00 per day
Children under 12 Free with an adult

Room for over 1140 Vendors under one roof

Regular Space - (10x20) - \$90.00

Corner Space - (10x20) - \$100.00

Carpeted Space - (10x10) - \$50.00

100 Space Outside Car Corral

Contact: Kevin Alwes

502-468-1442

\$30.00 per space



CONTACT

Maureen Vannatta

502-619-2917

kyanaswapmeet@gmail.com

Visit us on the web: www.kyanaswapmeet.com

Chester Robertson

502-619-2916

chestererobertson@gmail.com

KYANA EVENTS FOR 2023

DATE	EVENT	SPONSOR
January 22	January Business Meeting	Donna Burchett
February 12	Derby Dinner Playhouse	Alethea Hayes
February 26	Swap Meet Planning Meeting	Morgan Howard
March 10-12	KYANA Swap Meet	Robertson & Vannatta
March 18	Salvage Yard Tour	Mark Kubancik
March 25	Roger Stephan Memorial Service	
April 8	Easter Egg Hunt	Beverly Foster
April 15	St. Joseph Catholic School Car Show	Alex Wilkins
April 23	Swap Meet Appreciation Dinner	Jenni Mulrooney
May 13	Day at the Movies	Bethany Coates
Cancelled	Kentucky Down Under	Chester Robertson
May 20	KYANA Spring Clubhouse Clean Up	Jerry Bass
May 21	Middletown Police Foundation 1st Car Show	Greg Gitschier
June 2	Chili/Hot Dog Dinner Chrome Plating Seminar	Ken Martin
June 10	KYANA Yard Sale	Hill Families
June 24	KYANA 1 st Open Car Show	Jerry Bass
July 7-8	Auburn AACA Show Overnight	Jim & Sandra Joseph
July 15	Keeneland Concours Day Trip	Kenneth & Donna Martin
August	Play & Dinner – Little Colonel Playhouse	Jane Burke
August 7-9	Biltmore Estate in Asheville, NC	Jerry Bass
August	Country Music Show	David Hill
September	KYANA Picnic	Pat Palmer-Ball
September 17	JDRF /Ford KTP Car Show – Mike Linnigs	Shawn McDonald
October 3-6	Hershey Fall Nationals	AACA
October 21	Kentucky Railway Museum Car Show	Neil White
October	St. Francis Car Show	Sponsor Needed
October	Bowman Field Festival	Chris Mueller
October	Corydon Fall Auto Show	Alex Wilkins
October	Toys for Tots Breakfast	Alan & Maureen Vannatta
November 11	Veteran's Day Parade	Chester Robertson
November	Awards and Elections	Beverly Foster
November 24	Light up Louisville Parade	Alan Vannatta
December 3	Adult Christmas Party	Brian & Shelly Koressel
December 16	Children's Christmas Party	Kubancik & Mulrooney Family
December	Christmas Country Music Show	Brian & Ruth Hill

THE SIDELIGHT

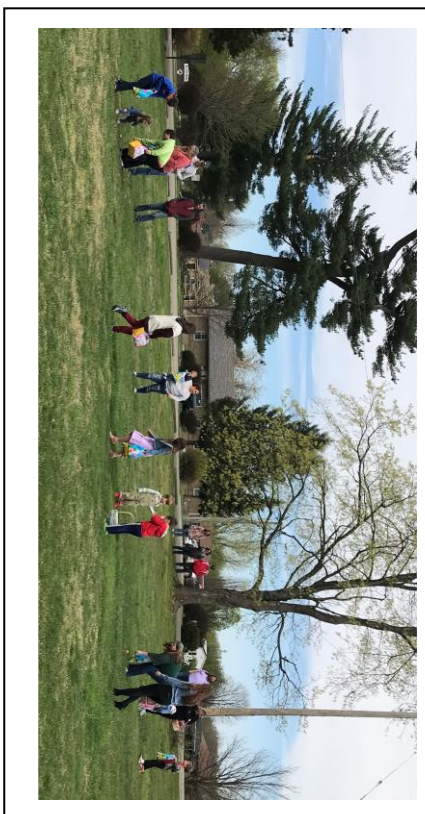
KYANA

ANTIQUE AUTOMOBILE OF AMERICA

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Number 80



Sidelight Editor
C/O Sandra Joseph
1925 Pine Run Lane
Batavia, OH 45103

On the cover:

Looks like the kiddos had a great time at the Easter Egg Hunt. What do you think? Thanks to Beverly Foster for hosting this event.

