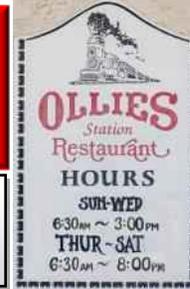


MONTHLY MEETING — 1ST SATURDAY MONTHLY

Ollie's Station Restaurant, 4070 Southwest Blvd, Tulsa, OK 74107
7:30 AM to 08:00 AM—Parking Lot Gathering; 08:30 AM meeting starts indoors!

Dues Reminder—Your 2023 Chapter Dues are due in January 2023. You Can bring them to the December meeting or mail them to the chapter.



**January
2023
Newsletter**

BOARD MEMBER'S REPORT

President's Comments—Our next meeting is **Saturday, January 7th, 2023** at our usual place.

Happy New Year!

2023, the 70th anniversary of the Corvette! I'm honored to be your new chapter chairman in such a milestone year. Thank you all for the trust you have shown in me, in making me your chairman.

Before we look ahead to 2023, I would like to personally thank Bud Jesse for his past leadership for our chapter and his willingness to take on the role of activities chairman for 2023. He helped our chapter navigate through the pandemic and all of the challenges that brought and he got us going again after club activities resumed in full swing in May of 2021. Thank you Bud! I look forward to working with you and the other officers in the coming year.

For my first newsletter, I'd like to direct my comments to chapter participation. Although I'm new this role, I have heard a lot of feedback from members about needing to increase membership and increase participation. In our December 17 officers meeting, we had a lot of discussion around these two topics. To that end, the focus of our January 7th chapter meeting will get help from our members in how to achieve the goal of more participation. One idea is to have four events this year, each with a technical focus and different location. To make this successful, we will need volunteers to help lead technical sessions at these events. Other potential events are garage tours, road tours, and perhaps a fundraiser. Please give this some thought ahead of our January 7th and come prepared to discuss your ideas. It doesn't have to be a new type of event. If there are past events that you really enjoyed that we didn't do in 2022, please speak up about what you would like to see return.

On the topic of increased membership, we have made one small step to help increase awareness of our chapter. We have created a Facebook group page called:

NCRS - Oklahoma Chapter. <https://www.facebook.com/groups/httpswww.ncrs.orgok>

We will be sharing many of our activities through this page to group members and other Corvette enthusiast groups to help raise awareness of our chapter and hopefully attract a few like minded folks with a passion for Corvettes to join us. If you have a Facebook account, please join the page and help engage with the group members.

I look forward to seeing everyone at Ollie's Station for our January 7th meeting and to your participation in helping plan some great events for 2023!

**NCRS Oklahoma Chapter President
Rob Wilson (NCRS #48348)**

Membership Chairman's Comments—Our current membership roster sits at **73** members with **35 of those having paid their 2023 dues**. We are currently at a 48% renewal rate. I will be accepting your 2023 dues at the January 2023 meetings or by mail.

**NCRS Oklahoma Chapter Membership Chairman
Michael Aichele (NCRS #11685)**

(Continued on page 2)

Judging Chairman's Comments

OKLAHOMA STATE VEHICLE LAWS ON CAR TAGS, TITLES, ETC.

As most of us know we are a one (1) plate state after last year. That means we no longer have to purchase and carry a standard plate and then purchase and register our personal or year of manufacture plates so now we only have 1 plate number for the DMV to keep track of. I registered my year of manufacture plate over the mail and got the sticker for the lower left windshield same as in the past.

We should know by now that the plate stays with the owner. Beginning July 1, 2019 Oklahoma motorists will keep their license plates when they sell or trade their vehicles. The license plate should then be attached to the newly purchased vehicle once title and registration is completed by the OTC. This replaces the old system of the license plate staying with the vehicle after it is sold.

I did not know that effective July 1, 2022. Oklahoma became a title-holding state. All titles that are subject to a lien will be sent to the lienholder. All titles not subject to a lien will be sent to the owner. If you need a printed title and your title is held by the lienholder, you will need to contact your lienholder. If the title is not subject to a lean, you can visit an a Oklahoma tag agency to request a duplicate title if needed. This may be something to consider when registration your car for NCRS Judging as we need proof of ownership.

We have to get tax money from electric vehicles somehow because they do not pay gas tax. Beginning November 1, 2021 qualified electric vehicles are surject to additional initial and renewal registration fees based in the weight of the vehicle.

Also, I did not know we can renew our Oklahoma driver license up to twelve months in advance, without loosing any time. If your driver license expiration is within the next twelve months, you can renew it at the same time as you do your vehicle registration.

EARLY CORVETTE SAFTEY FEATURES

The Sixty's were a time for safety development for GM and the Corvette was equipped with standard features before other models. Including many things that we take for granted in our newer cars, such as:

- * Lap belts in 1963, with shoulder belt's coming as option A85 IN 1966 with only 37 people getting the \$26.35 option.
- * 4 wheel disc brakes in 1965 with 316 people getting a substitution credit of \$64.50 for option J61 for last years 4 wheel drum brakes.

- * Duel circuit master cylinder in 1967 to make sure you stopped when one of the 16 piston seals started to leak in the new disc brake calipers.

Also, in 1967 an energy absorbing steering column was introduced on all passenger cars.

In 1968 the center instrument cluster trim plate was designed to collapse under impact. So maybe that is why so many cluster trim plates are broken from improper removal. (See the March 1968 "Chevrolet Service News" on how to properly remove instrument panel components.)

NCRS Oklahoma Chapter Judging Chairman

Gene Holtz (NCRS #10606)

email blue65L84@aol.com or 405-317-3919

March, 1968	CHEVROLET SE
1968 Corvette Center Instrument Cluster Removal	
Revise the procedure for 1968 Corvette "Center Instrument Cluster" removal, given on Page 12-31 of the 1968 Passenger Car Chassis Service Manual as follows:	
<ol style="list-style-type: none"> 1. Disconnect battery positive cable at battery. 2. Remove wiper switch trim plate screws and tip plate forward for access to remove switch connector. Lift trim plate out from cluster assembly. 3. Unclip and remove right and left console forward trim pads to gain access to studs at lower edge of cluster assembly. 4. Remove nuts from studs at lower edge of cluster. 5. Remove remaining screws retaining cluster assembly to instrument panel. 6. Remove right instrument panel pad. 7. Remove radio knobs, bezel retaining nuts and one radio support bolt (from behind cluster assembly). 8. Slide radio back towards firewall and pull cluster forward. Reaching behind cluster, disconnect oil pressure line, wiring harness, and bulbs. <i>CAUTION: The center instrument cluster trim plate is designed to collapse under impact. Consequently, do not try to deflect the cluster plate forward to gain more access to back of gauges.</i> 9. Lift cluster assembly up and forward for removal. 10. To install cluster assembly in the dash, reverse 'Removal' procedure Steps 1-9. 	

Treasurer's Comments: We still got money in the bank!

NCRS Oklahoma Chapter Treasurer
Scott Pfuehler (NCRS #20940)

Online Links you might find interesting!

- ◆ <https://www.motortrend.com/how-to/chevy-427-engine-history-hot-rod/> - Chevy's 427 Aluminum "Better Mousetrap"
- ◆ <https://www.motortrend.com/features/1710-1957-corvette-really-found-in-a-barn/> - 1957 Corvette Barn Find
- ◆ <https://www.motortrend.com/features/1955-duntov-corvette/> - 1955 Corvette for Sale Cheap in 1965 HOT ROD Ad Is Duntov 1-off Experimental
- ◆ <https://www.motortrend.com/features/asset-piece-9-rare-corvette-colors/> - Guide to 1963-1967 Corvette C2 Sting Ray One-Year-Only & Rare Paint Colors
- ◆ <https://www.motortrend.com/features/corvette-c1-c8-assembly-line-pictures-67-years-apart/> - Amazing Corvette C1 and C8 Assembly Line Pictures Taken 67 Years Apart
- ◆ https://www.motortrend.com/how-to/difference-between-cross-plane-and-flat-plane-cranks/?wc_mid=4035:24066&wc_rid=4035:651317&wcsid=F80CA912269BC762EF97E8EE2C6599DD515733C0677F02D5 - Difference Between Cross-Plane and Flat-Plane Cranks

A-26 UPDATE!

Scott said, "Figure out how to ask the gang for more money or another Donation to the A-26. I want a ride in that machine. Maybe to go along with the Gazette article I gave you."

Tom Parson's said, "Jim called me to inform me that he received the donation (from NCRS OK) for the A-26. MUCH

APPRECIATED!!!!!!!!!!!!!!!!!!!!!! Pass it on to the group!

Also (*once we get all the gremlins sorted out*), Jim wants to fly up to Tulsa so that the Okla NCRS group can tour the plane and give rides to a few people.

Up to now, we have had everything in excellent condition and the plane has made 6 flights, with each flight better than the

last flight. But now we are chasing a very troublesome problem with the carburetor on the left engine. Sometime after the first of the year when the weather is more agreeable, we will do a test flight to see if we have fixed the issue with the left carb.

Stay tuned.

Tom Parsons (NCRS #3491)

TULSA HAPPENINGS (PLEASE RSVP)

LADY'S AND THE OTHER HALF

DINNER TULSA—Thursday, January 12ths dinner will be at Hideaway Pizza, 10461 S. Memorial Dr, Tulsa, OK 74133; voted "Best Pizza in Tulsa" by Tulsa People magazine. They do not take reservations so Nancy will arrive early to secure our tables; it might be nice to have an approximate head count. I know we have the standard "6-pack" of couples (*and they/you let me know if they'll be joining*), but I think we might have more attend since we talked it up at the Christmas party.

Hideaway Pizza is located on the east side of Memorial at a "busy" traffic signal it shares with Chick-fil-A.

I wish there was a way to encourage our "singles" to join. I think Bonnie might be there and I wish Phil Gray would join us. We'll see, I might send each of them an email and ask if they would like to break bread with us.

Let Nancy Phillips know you'll be joining us! Contact her at 918-770-1043 or nancy.phillips@isocentric.com. We hope to see you there.

Future dates: February 9th and March 9th—2023

OKLAHOMA CITY HAPPENINGS

ATTITUDE ADJUSTMENT NIGHT

OKLAHOMA CITY—Tuesday January 24th will be this months Attitude Adjustment Night at

RUDY'S "Country Store" and Bar-B-Q located at 3437 W Memorial Dr. Oklahoma City, OK. Arrival time is 5:30 with dinner at 6:00. Hope to see you there.

Joplin Success once Again—A Voice from the Past (2015)

Provided by Scott Pfuehler (NCRS #20940)

Some things we just do good, and an NCRS Joplin Regional Judging event is one of those things.

The Oklahoma Chapter showed up in force to work the event with the goal to make this 2015 event as good as those past.

Lest we forget those in the Chapter who actually took Corvettes to our Corvette judging event for judging, let's say thanks to those who had to stand around and wait on the pesky Judges to do their thing. Our new guy Dale Scott took both of his acquisitions to Joplin, one Top Flighted and the other was signed off for a possible 4 Star Bowtie Award. Not bad for a new guy. Kurt Geis had his 96 on the front row. The Oklahoma Chapter had already judged it at Danny Becks so we knew it would do well. Joel Miller had some help getting the 62 ready for judging after its restoration so Don Partridge and he brought that old Florida machine for us and the judges to enjoy, demoed the movable top too. Our "last week got a top flight at Charlotte" friend, Lee Stigall, had a tough time with the PV but will get a chance to see Denver on his PV route this summer. He had a PV and then went and judged interiors, Lee was a busy boy. Of course we had a Corvette race car in attendance compliments of Mr. John Neas. What a sound in a closed room it produced. After being started and driven in anger during its early life I think its enjoying showing off for us now. Next to the showoff was a red 63 convertible that had just recently been in the Restorer and was there as a Duntov display compliments of our own Kelly Bolton. What a story behind this beautiful Corvette.

Now, how about those workers, those who are there getting it done so the rest can have a good time with their Corvettes. Mike Aichele ramrodded a whole list of Oklahoma workers, and bought some additional (in addition to what was supplied by then event) Pizza for lunch. OK who noticed the guy always hanging around listening to the judges and their conversations while judging, attending the various judging schools

and just generally soaking up all the Corvette knowledge that floats around at an event. That was Bruce Ryan at his first opportunity to attend one of these fine Regional events. He OJ'ed his way into some judging points too. Shall we tell him the cost of a black hat. Jimmy Elder strung lots of tape on the floor, as did Scott Pfuehler, David Houlihan, David Beach, Larry Mills, Jack Blakey and someone had to come up with all those give-a-ways so Dave Harrison did that for us. O Yea, about that OSU orange tape the guys put all over the floor, Mike says next time we can get OU red or maybe TU blue, but I think he is just messing with us.

Since we were officially the parkers we had parker crews who walked with the owners on their cruise to their parking spot and then got them to line up their wheels with the tape. Some of the drivers were better at that than others. We were those who had the list of where each entrant would park and his parking space number. Now here we had a rookie helping and wow was she good at it. Becky Pritchett has made us a believer in letting women help us with Corvette parking. I think she liked bossing the guys around. Who else helped out: Jack Blakey, Pete Pritchett, David Beach, Don Partridge, Scott Pfuehler, and Charles Buxton.

How about those Corvette pictures. Phil Gray and his crew managed a shot of each owner driving into the facility and then a shot of the Corvette only. I think Becky helped him a little keeping it all straight. Mike Aichele then stitched Phil's wonderful photo's into a power point presentation for the Awards Dinner. Which is a tradition that this Chapter started awhile ago.

Now about that overhead door that we had to man. As it turns out the facilities manager made us go to OJT on how to operate the door, since the electricians couldn't just hook it up normal. We all know that there is a job out there for everybody to be good at. Well Larry Mills made the position of Overhead Door Opener his own and did a fine

job. Larry had to go back to Tulsa and work the next day so luckily when the second shift, as in Charles Buxton arrived, he got OJT from Larry and was able to finish out the day as our Door Opener and Closer. Now while all this was going on we had a gate guard out front of the facility with a TSA style wand at the ready. I'm not sure if Bud Jessee got to wand anyone but he sure said Hi to all that came in the facility as his official duties as Event Security Chairman.

Since it was a judging meet the Oklahoma chapter also supplied Judges to the mix. I saw Verle and John Neas with the judges "pondering a deduction look", who else helped in this endeavor? Some from that Kansas group of the Oklahoma NCRS Chapter were David Houlihan, Rick & Bev Smiley, and of course that OKC guy Mr. (400) Gene Holtz. Our event boss Joan is also a Oklahoma Chapter member and she along with her crews from the three Chapters put on a nice, more that nice, a great event. Glad I went. Put the next one on your calendar.

Scott Pfuehler

PS. The rumor is that two Oklahoma members were to receive their Black Hats Saturday night, well, did they.

I remember my many jaunts to Joplin to either plan the event, get ready for the event, or participate in the event. There were fun times and produce many a good memory.

Is it time to think about putting on another Regional Event? Yes, we are a little older and have a few less members, but it might be fun to try it again. Think about it and let your new Chapter Chairman know your thoughts.

Michael Aichele (NCRS # 11685)

1983 Corvette Analog Gauge Cluster

Article by Mariah Hughes , National Corvette Museum, January 16, 2022

As we begin the year leading up to the 70th anniversary of Corvette's debut at the Waldorf Astoria in New York City, the National Corvette Museum is launching our Artifact of the Month program! Each month, our Curatorial staff will select an artifact from our collection that is connected to a significant moment in Corvette history and share its story with you. To kick off this program our Director of Collections & Curator, Derek E. Moore, presents the... **1983 Corvette Analog Gauge Cluster**

Some of the greatest mysteries in



1983 Gauge Cluster Front View

Corvette's rich production history revolve around the choice to skip production on Corvette's 30th anniversary in 1983. The transition from the third-generation (C3) to the fourth-generation (C4) Corvette was a major technological leap forward for Chevrolet and was the beginning of transitioning Corvette from being a brute American sports car to a global competitor of the European sports car market. During this major transition, every component of Corvette was being reimagined, redesigned, and reengineered - from the exterior to the interior.

An all-new look to the interior was key to this transition, and the instrument panel display was vital. The plan to bring Corvette into the "digital age" led to the development of a graphical cluster utilizing all digital read-outs and bar graphs to provide the driver with vehicle statistics quickly and cleanly.

During the earliest stages of development though, engineers discovered that generating enough light to see the readouts on the cluster was difficult and there were concerns over the dash's performance in cold climates.



1983 Gauge Cluster Rear View

Therefore, an analog "backup" cluster was created, with its very standard, multiple gauge - speedometer, tachometer, oil pressure, fuel, oil temperature, voltage, and coolant temperature - layout. While functional, it was a very dated appearing cluster for this all-new Corvette. During testing at Milford Proving Grounds, both the analog and new digital dash were running in 1983 development Corvettes.

Corvette Chief Engineer, Dave McLellan, recently reflected on the development of the analog cluster for the C4 Corvette:

"I was never happy with this cluster. It was always considered as a backup to the color graphic cluster.



1983 Gauge Cluster Speedometer

Why was I unhappy? It was uninteresting and it suffered from reflection problems. We had no intentions of using it if we could solve the problems of the graphical cluster.

The C4 was bringing the Corvette into the digital age. The instrument cluster was proposed by our Interior Design Studio led by Bill Scott. GM's AC Division planned to engineer and produce it. Its "Achilles Heel" was getting enough light through the light pipes while at the same time not overheating the display. Only recently have we seen LED bulbs made available for this application which have given the display the brightness and color expected.

Why this design? The genesis of the design was the steering wheel graphics seen in F1. And, if you think about how to best display information - information like RPMs, that can change rapidly, are best displayed as a bar graph. If they were displayed as numbers, they would look like an incomprehensible blizzard of numbers."



1983 Gauge Cluster Experimental Tag

This 1983 analog "backup" dash, donated by Marvin Owen, is one of only two known extant examples from the development of the 1983 Corvette.

Author: Derek E. Moore is the Director of Collections & Curator at the National Corvette Museum

UPCOMING EVENTS

OKLAHOMA NCRS CHAPTER EVENTS:

- *January 7th—NCRS monthly breakfast—Tulsa (See Front Page)*

NCRS NATIONAL EVENTS:

- *February 23-25, 2023 - NCRS Regional, Lakeland, FL*
- *March 23-25, 2023 - NCRS Regional, Tucson, AZ*
- *June 1-3, 2023 - NCRS Regional, Altoona, PA*
- *June 8-10, 2023 - NCRS Regional, Rochester, MN*
- *June 29, 2023 to January 1, 2024 - NCRS National Gallery at the Nation Corvette Museum, Bowling Green, KY <https://www.corvettemuseum.org/>*
- *July 23-27, 2023 - NCRS National, French Lick, IN*
- *August 24-26, 2023 - NCRS Gallery at Corvettes of Carlisle, Carlisle, PA*
- *September 14-16, 2023 - NCRS Regional, Ontario, Canada*
- *October 19-21, 2023 - NCRS Regional, Frisco, TX*
- *September 7-11, 2025 - NCRS National, South Pointe Casino, Las Vegas, NV*

OKLAHOMA HALLETT MOTOR RACING CIRCUIT: <https://www.hallettracing.net/>

59901 E. 5500 Rd., Jennings, OK 74038; Phone (918) 356-4814; eMail: jennifer@hallettracing.net

•

OSAGE CASINO TULSA RACEWAY PARK: <https://www.tulsaracewaypark.com/>

3101 N Garnett Rd., Tulsa, OK 74116; Phone (918) 437-7223; eMail: megan@tulsaracewaypark.com

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CAR SHOWS AND SWAP MEETS: *(Stuff for Car Guy's and Gal's)*

- *Every Tuesday Cruise Night, Jason's Deli, 8321 East 61st Street, Tulsa, OK 4:00 PM-Sunset (March 15 – Oct)*
- *Last Saturday each month, Cars and Coffee, Stillwater OK, 3100 N Husband St, Stillwater 8:30AM-12:00PM*
- *February 3-4, 2023 - Sedgwick StreetRodders Winter Swap Meet (indoors), The Pavilion @ State Fair Park, OKC, OK*
- *April 21-22, 2023 - Tulsa Swap Meet, Creek County Fairgrounds, Kellyville, OK*
- *May 11-13, 2023 - Chickasha Swap Meet, 712 East Choctaw Ave, Chickasha, OK*

If I've missed an event that you would like to see posted, please e-mail me directly and I'll get the word out. Contact Mike Aichele @ mjikelee@gmail.com.

OKLAHOMA CHAPTER

Don't forget to visit our website for some up-to-date information about what is going on in the Chapter.

<https://www.ncrs.org/ok>

NATIONAL MEMBERSHIP INFORMATION

National Corvette Restorers Society

E-Mail: info@ncrs.org

Phone: (513)760-6277

Fax: (513) 201-8875

<https://www.ncrs.org/join/ncrs-benefits.php>



MEMBERS CLASSIFIED PAGE (*Wanted, For Sale or Service*)

For sale or a service you can provide Chapter Members? eMail me and I'll put it in the newsletter! - mjikelee@gmail.com

AVAILABLE - Corvette "Body Dolly" and "Rotisserie" located in Wichita, Kansas. [Contact Dallas Keller at \(316\) 200-4125](#)

FOR FREE - If anyone wants a past edition of the Judging Reference Manual or a Technical Information and Judging Guide let me know. I have Judging Reference Manuals and Technical Information and Judging Guides for 58-60, 63-64, 66, 68-69, 70-72, 73-74, 75-77, 80-82, and 90-91. [Contact Scott Pfuehler at \(918\) 437-5292.](#)

FOR SALE - ????????

WANTED - ????????

Got Something for Sale or
Looking
to Buy



Something???????

Here is the place to advertise!

National Corvette Restorers Society - Oklahoma Chapter Contact Information

<u>Role</u>	<u>Name</u>	<u>Phone</u>	<u>eMail</u>
Chairman	Rob Wilson	(918) 407-7940	robertwilson2@cox.net
Vice-Chairman	Phil Gray	(918) 492-2519	philipgray@earthlink.net
Secretary	??	??	??
Treasurer	Scott Pfuehler	(918) 437-5292	fogaley@sbcglobal.net
NCRS Contact Person	Rob Wilson	(918) 407-7940	robertwilson2@cox.net
Judging Chairman	Gene Holtz	(405) 317-3919	blue65L84@aol.com
Judging Administrator	Gene Holtz	(405) 317-3919	blue65L84@aol.com
Membership Manager	Michael Aichele	(918) 804-3105	mjikelee@gmail.com
Membership Administrator	Michael Aichele	(918) 804-3105	mjikelee@gmail.com
Newsletter Editor	Michael Aichele	(918) 804-3105	mjikelee@gmail.com
Activities Chairman	Bud Jessee	(918) 625-8531	budjessee@gmail.com
Webmaster	Mike Partridge	(512) 579-8593	lostnaustin@sbcglobal.net
Flight Awards Administrator	Phil Gray	(918) 492-2519	philipgray@earthlink.net

CHAPTER MEMBERSHIP APPLICATION

OKLAHOMA CHAPTER NCRS, INC.

MEMBERSHIP APPLICATION



Date: _____

Name: _____ Spouse: _____

Address: _____

City: _____ State: _____ Zip: _____

Home Phone: (____) _____ Work Phone: (____) _____

Cell Phone: (____) _____ eMail: _____

How did you hear about Oklahoma Chapter NCRS? _____

What are your special areas of interest? _____

NCRS National Membership #: _____ Expiration Date: _____

Signature: _____

Corvette Information (Optional)

Year	Model	Color	Engine/HP
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____

Annual Dues are \$30.00 with membership expiring on December 31st. You must be an active member of the National Corvette Restorers Society before you can be a member of the Oklahoma Chapter N.C.R.S., Inc. Make checks payable to **Oklahoma Chapter NCRS, Inc.**

Mail to: Michael J. Aichele, Membership Chairman
Oklahoma Chapter NCRS, Inc.
16225 E 81st Ct N
Owasso, OK 74055