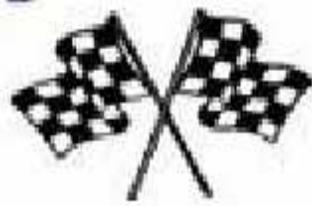


RETURN ADDRESS

NCRS  
NORTH CENTRAL CHAPTER  
Dave Murphy  
Editor  
279 Lily Pond Lane  
Vadnais Heights, MN 55127

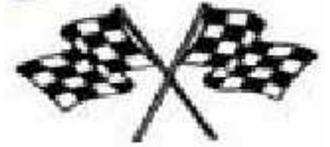
MAIL TO:



# CROSSED FLAGS

January to March 2015 EDITION

# **NORTH CENTRAL CHAPTER CROSSED FLAGS NEWSLETTER**



## **PRESIDENT'S**

In like a lion, out like a lamb. That's a good reflection on this past winter. We're all looking forward to spring and getting our cars out and on the road.

We had a tech session in January at Alden Miles's home where we worked on his 1958 frame.

In February, we went to Randy's Competition Engine Shop to watch an engine dyno. The motor was a 327 owned by Paul Burski. We had a great turnout of over 30 members.

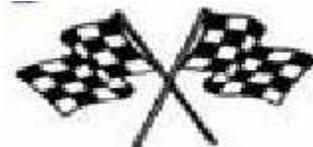
Our annual dinner this year was at Mancini's on Feb. 28. A great time was had by all.

Our March tech session was held at Joe Galindo's home where the group helped glue on a C1 front end.

We have several exciting things planned for this summer. Watch for news about upcoming activities.

# **CORNER**

# NORTH CENTRAL CHAPTER CROSSED FLAGS NEWSLETTER



## 2014 NORTH CENTRAL CHAPTER BOARD

Rick Zierhut – President

Mike Lyddy—Vice Preseident

Mike Kittle– Secretary

Steve Johnston- Treasurer

Jerome Lardy - Membership

Chris Enstrom - Judging

Will Zierhut–  
Asst Judging Chair

Don O’Grady-  
Activities Director

Bob Lund–  
Technical Director

Nick Kornder-Website

Dave Murphy- Editor

## 2015 CALENDAR OF EVENTS

January 1	Thursday	Deadline for Crossed Flags articles – forward to Dave Murphy
8	Thursday	7 p.m. Board Meeting
17	Saturday	9 a.m. Tech Session or Judging School
21 - 24		Florida Regional - Lakeland, FL
February 5	Thursday	7 p.m. Board Meeting
21	Saturday	9 a.m. Tech Session or Judging School
28	Saturday	Winter Social at Mancini's
March 5	Thursday	7 p.m. Board Meeting
19 - 21		Arizona Regional - Tuscon, AZ
21	Saturday	9 a.m. Tech Session or Judging School
April 1	Wednesday	Deadline for Crossed Flags articles – forward to Dave Murphy
2	Thursday	7 p.m. Board Meeting
18	Saturday	9 a.m. Tech Session or Judging School
23 - 25		Carolinas Regional - Concord, NC
25	Saturday	Ol' Mexico Restaurante—Roseville, MN
May 7	Thursday	7 p.m. Board Meeting
14 - 17		Joplin Regional - Joplin, MO
30	Saturday	9 a.m. Chapter Judging Meet at Kiss's Auto Body - South St. Paul
June 4	Thursday	7 p.m. Board Meeting
20	Saturday	9 a.m. Tech Session or Judging School
July 1	Wednesday	Deadline for Crossed Flags articles – forward to Dave Murphy
9	Thursday	7 p.m. Board Meeting
16 - 19		Road Tour to National
19 - 24		National Convention - Denver, CO
August 6	Thursday	7 p.m. Board Meeting
15	Saturday	8 a.m. Chapter Judging Meet at Steve Hendrickson's warehouse – Long Lake
September 3	Thursday	7 p.m. Board Meeting
10 - 12		Wisconsin Regional - Oconomoc, WI
19	Saturday	9 a.m. Tech Session or Judging School
October 1	Thursday	Deadline for Crossed Flags articles – forward to Dave Murphy
1	Thursday	7 p.m. Board & Chapter Meeting, ELECTION of BOARD
17	Saturday	9 a.m. Tech Session or Judging School
22 - 24		Texas Regional - Frisco, TX
November 5	Thursday	7 p.m. Board Meeting
21	Saturday	9 a.m. Tech Session or Judging School
December 3	Thursday	7 p.m. Board Meeting

# NORTH CENTRAL CHAPTER CROSSED FLAGS NEWSLETTER



## MEMBERSHIP UPDATE

The chapter is beginning 2015 with 119 current members. We generally lose around a dozen members each year due to a variety of reasons and this year was no exception. Now it is up to me to try and build the chapter back up to where we were last year. I really appreciate everybody's help in giving me leads on potential new members too, as that makes my job so much easier. Thanks to Kevin Sullivan who persuaded his friend Alan Loosbrock to join our chapter.

**Alan Loosbrock** has a 1963 Split Window Corvette that he claims is a basket case. He purchased this car a long time ago and is now starting to look into restoring it. Alan attended the past two tech sessions and has met several of our members. Maybe we can use his Corvette for a future tech session as his restoration progresses. Welcome to the chapter, Alan.

Please note that I will be sending out an updated membership listing in the next week or two.

---

### Emeritus Members

The North Central Chapter has created an emeritus list of past members who were instrumental in helping the chapter become what it is today. I would like to thank Paul Wozny, Jim Fenske, Steve Johnston and Mark Swanson for their help on this project.

Those emeritus members are listed in alphabetical order:

Denny Adams, Art Bruns, Gene Bygd, Ken Ester, John Kramlinger, Rick Meyer, John O'Donnell,  
Russ Steinhaus and Al Voca.

The chapter will send these former members, copies of the newsletter as a gesture of our appreciation for their past efforts. We hope they will enjoy reading about the current chapter and seeing how it has progressed.

Thank you to the emeritus members for your years of service and participation in our chapter.

Jerome Lardy  
Membership Chairman

# NORTH CENTRAL CHAPTER CROSSED FLAGS NEWSLETTER



## TOP FLIGHT CHAPTER AWARD

### NORTH CENTRAL CHAPTER 2014

The North Central Chapter participated in the NCRS Chapter Award Program again in 2014. This program was developed to promote member involvement and participation in Chapter events, while encouraging the sharing of knowledge in the restoration and preservation of the Corvette. For the third year in a row, we have been awarded a Chapter Top Flight Award. Can you say, "Three peat!?!". We are now in the illustrious company of the Chicago Bulls team of 1992-93. I thought you might find it interesting to see how we accomplished this feat.

To earn the Chapter Top Flight Award, our Chapter had to perform/complete all eight required activities and a minimum of six variable activities during the program year.

We started out 2014 with 104 members and ended the year with 132 members. The NCRS considers us to be a medium sized chapter (75 to 150 members).

#### REQUIRED ACTIVITIES (need all 8)

- 1) Host at least one local Chapter Judging Meet. Ours was held on 8/16/14.
- 2) Conduct one technical seminar. We had five this year.
- 3) Conduct one judging school. We hosted four of them.
- 4) Conduct one membership meeting to select officers. This was held on 10/2/14.
- 5) Conduct one chapter charitable event. We held a silent auction for the NCRS Foundation on 5/15/14.
- 6) Conduct one chapter road tour. We cruised to Lake Pepin on 10/14/14.
- 7) Conduct one chapter social event. We had two: one at Ol' Mexico and the second at our Corvette Show at Village Chevrolet.
- 8) Chapter website must be maintained and linked to [www.ncrs.org](http://www.ncrs.org) which ours was.

# NORTH CENTRAL CHAPTER CROSSED FLAGS NEWSLETTER



## VARIABLE ACTIVITIES (need 6 of 8)

1) Twenty three members (17%) had their cars judged during 2014. Sixteen Corvettes were judged at the Rochester Regional Meet and seven Corvettes at our Chapter Judging Meet. The minimum requirement is 5%. This is an impressive percentage. I am basing the percentages off of the ending membership of 132 members. Though the percentages might not be accurate for the date of the event, they will give you a good idea of our participation ratio.

2) We had six technical articles published in our chapter newsletter. As a medium sized chapter, we needed six.

3) Forty five members (34%) judged or tabulated at our judging meets. The minimum requirement is 15%.

4) Fifty three members (40%) drove their Corvettes to a chapter function in 2014. The minimum requirement is 15%.

5) Eight members (6%) drove their Corvettes on our chapter road tour. The minimum requirement is 5%.

6) Eighty five members (64%) attended at least one chapter event during 2013. The minimum requirement is 20%. This is also a very impressive figure. This is why I have you fill out the sign-up sheets at all the tech sessions!!

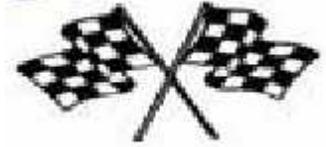
7) We set up an NCRS display at the All Corvette Show at Mystic Lake Casino and twenty four members showed up for this event. This requirement promotes the NCRS and encourages the registration of new members.

8) Our chapter donated \$200.00 to the NCRS Foundation along with \$1,382.00 from the proceeds we received at our silent auction in May. The minimum requirement is at least \$100.00 to a 501-3C charity that helps or assists people and is not linked to any political party or person. Thank you to all our members who participated in chapter events in 2014. We could not have obtained this prestigious award without your help. If you were unable to attend an event this past year, we would love for you to join us in 2015. Our chapter is well on its way to fulfilling the requirements for this year. We already held three tech sessions and one social event and 39 members have participated at least once at these four functions.

Jerome Lardy

Chapter Flight Program Administrator

**NORTH CENTRAL CHAPTER  
CROSSED FLAGS  
NEWSLETTER**



# Club Dinner



**Ol' Mexico Restaurante**

**April 25, 2015**

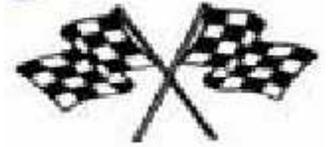
**6 PM Cocktails and Dinner**

**1754 Lexington Ave N.**

**Roseville, MN**



# NORTH CENTRAL CHAPTER CROSSED FLAGS NEWSLETTER



## January Tech Session January Tech Session

I hosted the Technical Session on Saturday **January 24**, to assemble the front suspension on my '58 Corvette.

Sixteen members and one guest attended and enjoyed coffee and donuts prior to the work at hand.

We first assembled the left spindle to the spindle support using the king pin, bushings and internal snap rings.

Next, we installed the right front coil spring and fastened the upper and lower control arms to the spindle assembly.

Finally, we installed the the left coil spring and attempted to fasten the upper and lower control arm to the spindle assembly, but the spindle support was bent from a previous accident. That put completion of the project on hold until I was able to obtain a replacement spindle support from Harv Burski. Thanks Harv for your help.

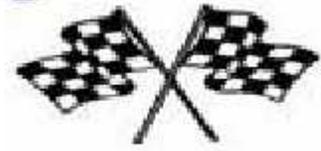
In April, we are planning to be back at my shop for a combination tech session and judging school on the '58 chassis.

I hope you can attend.

Alden Miles



# NORTH CENTRAL CHAPTER CROSSED FLAGS NEWSLETTER



# NORTH CENTRAL CHAPTER CROSSED FLAGS NEWSLETTER



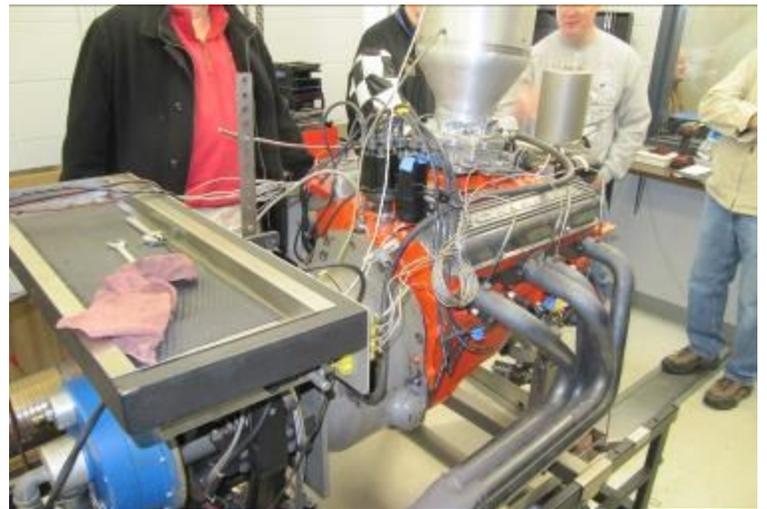
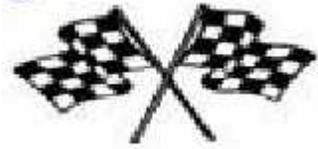
# NORTH CENTRAL CHAPTER CROSSED FLAGS NEWSLETTER



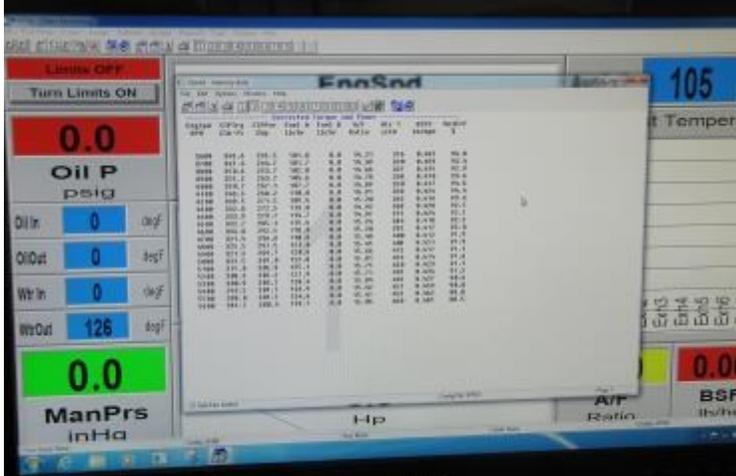
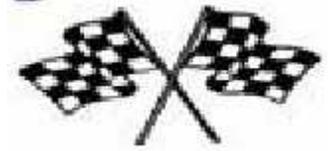
## February Tech Session February Tech Session

My name is Paul Burski and I have been a member of NCRS for the past three years. I have really enjoyed the many tech sessions I have attended and learned a lot from the other members about Corvettes. I heard the North Central NCRS charter was planning a tech session at Competition Engines in Eagan on February 21. I talked with our tech director, Bob Lund, and mentioned that my engine was out of my '62 and would be available for a dyno session if they wanted to test a Corvette engine. Bob thought running a Corvette engine sounded great and asked me to call Randy Quam at Competition Engines. I contacted Randy and we made the arrangements for the dyno session. Randy asked if I could come in a day early and set-up and fully test my engine. Randy didn't want to have any issues while the tech session was going on such as, leaks or lack of oil pressure. I arrived at the dyno shop at 9:00 AM and it took us about two hours to get the engine mounted on the dyno and fully set up to run. My motor is a 1962 327 base engine rated at 250HP. I have a 097 Duntov solid lifter cam, 300 HP intake, Camelback heads and Carter AFB carburetor installed on my engine. My engine fired right up and ran very well. We set the timing at 34 degrees advanced at 3000 RPM with the vacuum advance disconnected. We continued to play with the timing and found that 36 degree advanced worked the best (52 degrees with the vacuum advance connected). We replaced three different rods sets in order to get the carb to run a little richer. We continued to add more gas until the Horsepower and torque rating started to drop off. We used the headers from the dyno shop during the test session so we could monitor the exhaust temperatures for each cylinder. The exhaust temps ran as high as 1271 degrees with a variation between cylinders of less than 150 degrees. It took about five hours to complete the dyno session. The Saturday tech session was very well attended with over 30 members there to watch a few test pulls on the dyno. My final numbers came in at 355.2 foot pounds of torque and 308 HP. We put the factory air cleaner on and did the final test pull; which resulted in 332.1 foot pounds of torque and 288.1 HP. It is very apparent that the factory air cleaner robs a lot of HP and torque. I heard many great suggestions from the other members on how I can get more HP out of my engine, but I think I will get it back in the car and enjoy driving my '62 this summer. I would highly recommend having your engine dyno'd before installing it in your car and thought it was money well spent. I really enjoyed the entire experience and learned a lot about engines and set-ups. The dyno really gave me accurate information telling me that my engine is running correctly, what the air-to-fuel ratio (A/F) is and at what RPM's I have the most Torque (3900) and HP (5000). If you plan on a dyno session, I would also highly recommend you contact Randy Quam at Competition Engines in Eagan. Randy is a great guy and really knows a lot about engines. I can now take "Dyno my engine" off my bucket list.

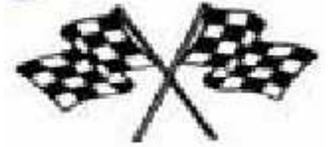
# NORTH CENTRAL CHAPTER CROSSED FLAGS NEWSLETTER



# NORTH CENTRAL CHAPTER CROSSED FLAGS NEWSLETTER



# NORTH CENTRAL CHAPTER CROSSED FLAGS NEWSLETTER



## MarchTech Session MarchTech Session

“I would like to thank all of the NCRS members who attended my tech session on [March 21st](#) at my new shop. Several members helped hang a fiberglass front clip on Steve Hegge's 1956 corvette. The body had been previously blasted by another shop almost destroying it. Be careful if you are considering paint removal. We had around 40 members and other corvette owners in attendance.”

>

> Joe Galindo

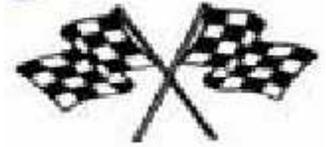
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# NORTH CENTRAL CHAPTER CROSSED FLAGS NEWSLETTER



# NORTH CENTRAL CHAPTER CROSSED FLAGS NEWSLETTER



## January 15<sup>th</sup>, 2015

Board Members Present: Rick Zierhut, Rodger Carlson, Chris Enstrom, Don Goldsbury, Steve Johnson, Nick Kornder, Jarome Lardy, Bob Lund, Mike Lyddy, Dave Murphy, Don O'Grady, Will Zierhut

Board Members Absent: Nick Kornder, Will Zierhut

Others Members Present: None

Meeting held at Davanni's Pizza in Arden Hills.

Rick called the meeting to order.

• Minutes from the November 6<sup>th</sup>, 2014 meeting were approved.  
-- Val Crosby/Mike Kittle

• **Treasurer's Report** -- Steve Johnston – updated the group on the current financial state of the chapter. All is good.

• **Judging Report** -- Chris Enstrom – updated the group on progress of upcoming Chapter Judging Meet, May 30<sup>th</sup>, at Kiss's Autos new facility in South Saint Paul. Sign up to participate in the event is already posted on the Chapter web page and will

appear shortly on the NCRS national web page. Chris is currently working with Cary on finalizing details (such as luncheon) and will report at next meeting.

• **Website Report** -- Nick Kornder - Jarome presented for Nick. Nick is currently revising the Chapter web page. Currently the 2015 event calendar is up and complete as of this writing. Nick is in the process of adding bio's and pictures of the new board members.

• **Newsletter Report** -- Dave Murphy – reported that the December newsletter is complete and has been mailed out to all members. Dave is currently looking at newsletters from other chapters for ideas in which to make the North Central Chapter newsletter even better.

• **Membership Report** -- Jerome Lardy – At present finishing up collection of 2015 dues. The majority of current chapter members have renewed their membership (120). Only four current members have decided to resign. Jarome reported that he had gotten conformation from Bill Braun that the North Central Chapter had achieved "Chapter Top Flight" status for 2014. Plaque to be given to Chapter at upcoming regional meet.

• **Tech Report** -- Bob Lund – updated that the Tech Session for January will be postponed due to a scheduling issue with the Engine Dyno Shop. Bob will send out a letter to all members of the cancellation. Bob is working with the Dyno Shop to reschedule the session in February.

• **Activities Report** -- Don O'Grady and Don Goldsbury – THE DON's updated the group that registration for the upcoming Winter Dinner get together at Mancini's is more than double the number from last year. Current registration is over 20 members. Several board members signed up at the meeting.

### • Old Business

Chris updated the group on the progress of the Chapter's 25<sup>th</sup> Anniversary logo that he has been working on. Chris had sent out an email to board members in December with several renderings of potential logos. After discussion and member vote the following was chosen:

## Official Sponsor of NCRS North Central Chapter Judging Meet

### Your Official NCRS North Central Chapter Sponsor



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TRANSMISSION  
BRAKE & AUTO SERVICE**

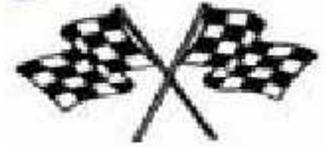


Please visit any one of our 17 locations - Locally Owned & Operated

<b>APPLE VALLEY</b> 952-432-6600	<b>DEEPHAVEN/MTKA</b> 952-474-2032	<b>FOREST LAKE</b> 651-466-2111	<b>HOPKINS</b> 952-936-0058	<b>PLYMOUTH</b> 763-559-2558	<b>ST. CLOUD</b> 320-251-4086
<b>BLOOMINGTON</b> 952-884-5211	<b>ELK RIVER</b> 763-241-8199	<b>FRIDLEY</b> 763-574-1400	<b>MINNEAPOLIS</b> 612-721-3189	<b>ROCHESTER</b> 507-288-8595	<b>SHAKOPEE</b> 952-496-2633
<b>BRAINERD</b> 218-828-3366	<b>FARGO, ND</b> 701-234-0026	<b>GOLDEN VALLEY</b> 763-546-6044	<b>OAKDALE</b> 651-738-0263	<b>SIOUX FALLS</b> 605-361-0123	

**We can fix that.**

# NORTH CENTRAL CHAPTER CROSSED FLAGS NEWSLETTER



Chris will work with the designer to make minor adjustments to this version and update all.

## •New Business

Due to the successful attendance last year at the Chapter Judging School held at Kiss's Corvette Shop, Chris plans to send out a survey to all members for ideas for future judging schools. Several suggested topics were mentioned such as: Glass, Chassis, Batteries, and judging video's available from NCRS headquarters.

Chris is currently working with the marketer at Village Chevrolet (chapter sponsor) on possible upcoming events at Village in which the chapter could participate in a car show with another car club or on own.

Don Goldsbury presented the need to get more tech / work sessions scheduled with members who would like to have repaired / restoration work done on their cars. Cars do not need to be "Top Flight". Don feels this would be a way of getting more members involved and active in Chapter activities. Many board members agree. Need to figure out a way to schedule and handle sessions during cold weather season.

Don further suggested that the Chapter continue in 2015 with presenting a plaque for "Outstanding Work - Member of the Year" to one member. For this year Don suggested Val Crosby as recipient for all of the years of work a devotion to the Chapter as secretary and judging point calculator. Motion was made and seconded.

Don O'Grady has sent out a request for ideas for the upcoming Spring Run. To date little response has been received. One idea that Don O came up with was a timed coarse run in which cars would be given a driving coarse to complete within a limited amount of time. Several members liked the idea.

Meeting was adjourned.

## February 5<sup>th</sup>, 2015

Board Members Present: Rick Zierhut, Roger Carlson, Don Goldsbury, Steve Johnston, Mike Kittle, Nick Kornder, Jerome Lardy, Bob Lund, Mike Lyddy, Don O'Grady

Board Members Absent: Chris Enstrom, Dave Murphy, Will Zierhut

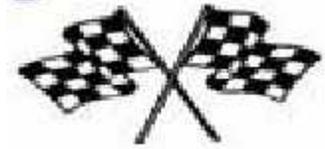
Other Members Present: Paul Burski

Meeting held at Old World Pizza in Inver Grove Heights.

Rick called the meeting to order.

- **Meeting Minutes** from the January 15th, 2015 meeting were approved. -- Mike Kittle
- **Treasurer's Report** -- Steve Johnston -- All is good.
- **Judging Report** -- Chris Enstrom / Will Zierhut -- The chapter Judging Meet in May at Kiss's Restoration is now open for sign up on the NCRS National web site.
- **Website Report** -- Nick Kornder - reported that photos from the January Tech Session at Alden Miles garage are now up on the Chapter Facebook site. Nick has updated the Chapter master web site with photos and bios of new board members.
- **Newsletter Report** -- Dave Murphy -- Has begun gathering information for the next Chapter Newsletter. Dave needs all info no later than April 1<sup>st</sup>.
- **Membership Report** -- Jerome Lardy -- reported that we have a new member, Alan Loosbrock. Alan has a '63 split window coupe and is a friend of Kevin Sullivan. Jerome updated all on membership renewal -- 116 members confirmed and he is working on the few unsigned members remaining.
- **Tech Report** -- Bob Lund -- reported that the Tech Session for January at Alden Miles shop, Lakeville, was well attended with 16 members and 1 guest. Photos of the session have been sent out by Nick Kornder on the Facebook page. The February Tech Session is scheduled for the 21<sup>st</sup>. and will be held in Eagan at "Competition Engine". We will be conducting a dyno session on Paul Burski's 327 small block. Bob will send out a follow up email with directions. Bob reported that he is working on three Tech Session possibilities for March and April. Bob will update all.
- **Activities Report** -- Don O'Grady and Don Goldsbury -- Don O'Grady provided an update on our Winter Social, which is scheduled for February 28<sup>th</sup>, at Mancini's in St. Paul. Currently 23 people are signed up to attend. Don O will send out a follow up notice to all members. The Dons have begun work on a Spring Social event. Motion was made and passed to reimburse Don Goldsbury for expense incurred.
- **Old Business** - NONE
- **New Business** -- The March Board meeting will be delayed a week. The meeting will be held Thursday, March 12. Motion was made and passed to create "Featured Member of the Month" which is to highlight one member each month with a bio and photos. Roger Carlson will spearhead the initiative and provide info to Nick Kornder for upload to the Chapter web site. A motion was made and passed to offer former members who held board positions or were very active in the chapter with emailed copies of the chapter newsletter. This emeritus status would be a small way the chapter could thank them for their previous efforts in helping to start the chapter twenty five years ago and making it what it is today. Jerome will provide email addresses to Nick for a separate Gmail list to distribute the newsletters. Bob Lund, Rick Zierhut and Jerome Lardy are looking for members that are interested in attending the upcoming National meet in Denver, July 19 -- 24<sup>th</sup>. Interested parties need to contact Rick at (651) 451-1118. Meeting was adjourned.

# NORTH CENTRAL CHAPTER CROSSED FLAGS NEWSLETTER



## March 12<sup>th</sup>, 2015

Board Members Present: Rick Zierhut, Roger Carlson, Chris Enstrom, Steve Johnston, Mike Kittle, Nick Kornder, Jerome Lardy, Bob Lund, Mike Lyddy, Don O'Grady, Will Zierhut

Board Members Absent: Don Goldsbury, Dave Murphy

Other Members Present: Paul Burski

Meeting held at Old World Pizza in Inver Grove Heights.

Rick called the meeting to order.

• **Meeting Minutes** from the February 5<sup>th</sup>, 2015 meeting were approved. -- Mike Kittle

• **Treasurer's Report** -- Steve Johnston – All is good.

• **Judging Report** -- Chris Enstrom / Will Zierhut – The chapter Judging Meet scheduled for May 30<sup>th</sup>, at Kiss' Classic Cars in South St. Paul is now open for sign up on the NCRS National web site. We currently have four cars signed up for flight judging with one additional car that has expressed interest. Motion was made and passed to provide a Subway Sandwich Lunch to all members at the meet. Chris will coordinate with Cary Kisner on the details.

Chris reported that a dozen or so members have expressed interest in attending the upcoming National Convention in Denver.

Chris updated all on a conversation with Bill Braun, Regional Director, in which Bill would like the North Central Chapter to co-host with two other chapters the 2017 National Convention. Location for this event would most likely be the Chicago / Wisconsin area. After much discussion regarding the amount of work load that would fall on the North Central Chapter, coupled with the distance of the event, it was decided that N.C.C. would pass on his offer.

Planning for the upcoming 2016 Regional event, hosted by N.C.C., is being kicked off now. Meet facility and hotels need to be booked to assure space.

Chris and Will are currently working on an April 16<sup>th</sup> judging school. Detail will be forthcoming.

• **Website Report** -- Nick Kornder – reported that all is good. M.O.M. has been added to the site and is up and running.

• **Newsletter Report** -- Dave Murphy – No update to report.

• **Membership Report** -- Jerome Lardy – updated all that six members have still not renewed their membership. Jerome is actively working with the members to renew prior to April 1<sup>st</sup>. As it stands at this writing, N.C.C. has 120 active members going forward.

• **Tech Report** -- Bob Lund – reported that the Tech Session for February held in Eagan at "Competition Engine" was well attended with 31 members and 1 guest. Photos of the session have been sent out by Nick Kornder on the Facebook page.

Bob updated all that the next Tech Session, scheduled for March 21<sup>st</sup>, will be held at Joe Galindo's garage in Anoka. We will be bonding a front clip on a C1. Coffee and Donuts will be provided. Bob will send out more details by email.

The April Tech Session will be held at Alden Miles garage in Lakeville. We will be combining a Chassis / Frame Judging school and a Tech Session as we will be installing various components (engine and transmission) as needed.

• **Activities Report** -- Don O'Grady and Don Goldsbury – Don O'Grady reported that the Winter Social, held at Mancini's went very well – over 30 people attended – and good food, drink and fellowship was had by all.

The Dons have begun work on a Spring Social event. Details will be forthcoming on date and location.

• **Member at Large** – Roger Carlson – updated that the new M.O.M. has been very well received by the Chapter members. Two members, Paul and Shaun, have been highlighted and bio's and pictures of their cars are up on the Chapter web site. Roger is currently working on M.O.M.s for May and June.

• **Old Business** – Chris is still working with the designer on updates to the 25<sup>th</sup> Anniversary Logo.

Jerome will get the list of past emeritus members to Nick so they will receive copies of the newsletters via email going forward.

• **New Business** – None

Meeting was adjourned.

# NORTH CENTRAL CHAPTER CROSSED FLAGS NEWSLETTER



## KISS'S

**#1 In Collision Repairs**  
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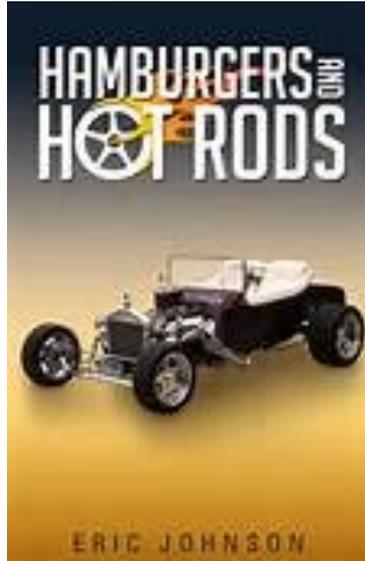
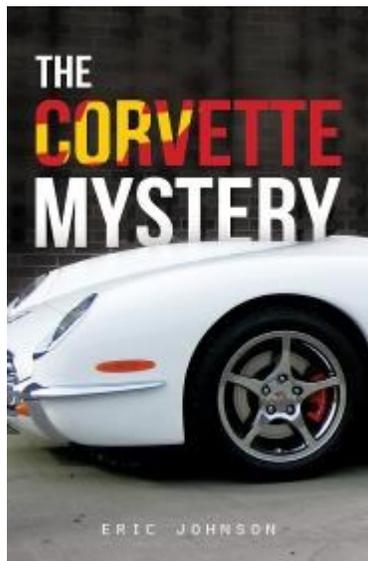
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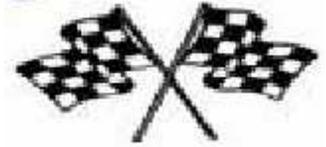
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# NORTH CENTRAL CHAPTER CROSSED FLAGS NEWSLETTER



For Corvette owners that live in the northern climes, the season of Spring is a cause for much celebration. The days are not only longer but also warmer, the rain has washed the last remnants of salt off of the roads, and thousands of Corvettes awaken from their hibernation with a rumble. Why not make that last ritual as enjoyable as possible with a Spring tune up? Follow along as we go through the checklist.

**Oil** – Typically an oil change is one of the last things you should perform before your car goes into winter storage, but if this was overlooked, now is the time. Remember to change the filter as well.

**Coolant** – Again, this is something that should be handled before storage, but for newer Corvettes, the regular scheduled maintenance intervals should be followed. On older cars, replace coolant that looks rusty in color. While coolant should be mixed in with water, northern cars should have a stronger coolant to water ratio (50%/50% is recommended).

**Battery** – Check the battery case for cracks and the terminals for damage. Clean the terminals with a wire brush, apply grease to them and tighten the cable connections.

**Plugs** – These typically need replacement every 40,000 miles or so, but it's a good idea to check them periodically. Remove a spark plug with a good plug socket and wrench. Check the porcelain for any cracks, and check the electrodes for oil or excessive deposits. Worn electrodes warrant a new set; deposits or oil are indicative of bigger problems.

**Filters (fuel, air)** - For fuel filters, follow the service schedule in your owner's manual. For air filters, change every spring if you are using a replaceable element. A visual inspection is all that is needed for non-replaceable elements like a K&N. If it's dirty, follow the cleaning and oiling instructions provided by the manufacturer.

**Fluids** – Check and top off the brake and transmission fluids. Look for puddles underneath the car. If you see a few drops on the floor, those may be caused by a seal that will swell when you start driving. A larger puddle needs more investigation.

**Injectors** – Make it a habit to add a bottle of fuel injector cleaner with your first fill up in the Spring. It's an inexpensive safeguard against deposits that could clog your injectors, resulting in lost power and poor fuel economy.

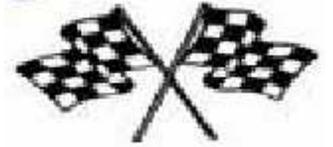
**Belts & hoses** – Belts will show signs of cracking with age. Replace them if this is the case. Hoses tend to crack from exposure to heat and aging. For coolant hoses, pinch them near the ends. If you feel any voids or ridges, this could be indicative of corrosion on the inside.

**Tires** – Check the pressures for consistency. If one tire is really low find out why – leaking bead or a roofing nail in the tread?

**Engine bay** – Finally, inspect the engine bay. If your car was stored in a location where mice could have been present, pay close attention to wiring and hoses in the engine compartment, as rodents love to chew on insulation.



# **NORTH CENTRAL CHAPTER CROSSED FLAGS NEWSLETTER**



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