

NOVEMBER 1980

TUCSON CORVAIR ASSOCIATION

VOL. 5 #8

# Corvairsation



TUCSON  
*Corvair*  
ASSOCIATION







TUCSON CORVAIR ASSOCIATION is a chartered chapter of CURSA, CORVAIR SOCIETY OF AMERICA, and members of TCA are required to join and maintain membership in CURSA.

TCA holds regular monthly meetings on the 4th Wednesday of each month, and has additional social or technical activities related to the Corvair automobile each month.

Annual TCA dues are \$9.00 plus an additional fee of \$2.50 upon initial joining. For family membership, add \$1.00.

CURSA membership is \$14.00 per year, and is accomplished directly between individuals and CURSA, Inc. PO Box 2488, Pensacola, Fl. 32503.

#### CLUB OFFICERS

##### PRESIDENT:

Darrell (Pat) Hayhurst  
Route 8, Box 549  
Tucson, Az. 85710 298-6328

##### VICE PRESIDENT:

John North  
3002 East 20th  
Tucson, Az. 85716 326-2086

##### SECRETARY-TREASURER:

Donald Bortle  
9202 East Roberto Street  
Tucson, Az. 85710 298-4166

##### RECORDING SECRETARY:

Georgia Lewis  
6567 East 17th Street  
Tucson, Az. 85710 747-1692

#### COMMITTEE CHAIRPERSONS

##### PARTS:

Frank McKenna  
1845 S. Regina Cleri  
Tucson, Az. 85710 885-8571

##### TECHNICAL:

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Tucson, Az. 85718 299-1122

##### LIBRARIAN:

Joanne Gemberling  
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Tucson Az. 85715 749-2317

##### CORVAIRSATION EDITORS:

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Tucson, Az. 85718 299-2612

##### TECHNICAL EDITOR:

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Tucson, Az. 85716 326-2086

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Sasabe Star Rt. Box 495  
Tucson, Az. 85736 1-822-1027

##### MEMBERSHIP:

Joel Gemberling  
10100 E. Fort Lowell Rd.  
Tucson, Az. 85715 749-2317

##### T.C.A. DIRECTORS:

Pat Bender, Gordon Cauble,  
Frank McKenna, Bryan Lynch,  
and current officers.

# TCA MONTHLY MEETING

Meeting was called to order by the President, Pat Hayhurst, at Village Inn Pizza Parlor, 5133 East 22nd St., Wednesday, October 22, 1980 at 7:50 pm. Present 50 and 27 Corvairs in the parking lot.

New members were introduced.

Minutes of the September 24, 1980 Regular Meeting were approved as they appeared in the October Corvairsation with the exception that TCA t-shirts were still available at Transfer Junction under its new management.

Can Chairman Dan Mattingly reported that the Can Project brought in \$21.84 for the month.

Merchandiser Mickie Schnur reported that new t-shirts and golf shirts were available and could be obtained at break time, as well as other TCA items.

Treasurer Don Bortle reported \$653.29 in the Treasury and pointed out that the funds would be depleted somewhat by Christmas party "rebates."

Don Bortle reported that the DM Officers Club would not be available for the Christmas party due to its renovation being behind schedule. He therefore lined up the Redwood Gay 90's for Tuesday, December 16. Motion to accept this passed.

Pat Hayhurst reported that the Phoenix club wished to make an overnight trip and meet with TCA in Tucson. Date of the meeting is to be determined.

Pat Hayhurst reported that the Tucson Trade Bureau has requested that TCA participate in the December 6th Christmas Parade downtown.

Phyllis Richmond thanked those who submitted items for Corvairsation and reported that material unable to be used in the latest issue would be used at a later date.

Pat Hayhurst awarded Bisbee economy winners Lou Lage and Bob Thompson each with \$10.00 bills.

Pat Hayhurst asked for volunteer to take over the custodianship of the library. Joanne Gemberling volunteered.

Intermission, door prize and grab bags followed. Donors: Barney's Auto Service and TCA.

Pat Hayhurst reported that 100% CORSA membership would be required before the Park Mall show for insurance reasons. In the future we will have two classes of memberships: Regular and Subscription.

Show & Tell: Blower bearing greasing tool, bell housing, coil wire (Frank McKenna).

Don Bortle advised that the weighing of cans would be available at the next meeting for the purpose of giving can credit toward the Christmas party.

Meeting adjourned at 9:25.

Respectfully submitted,

*Georgia Lewis*

Georgia Lewis, Recording Secretary

# THE PRESIDENT'S PAGE

As the year is now winding down the Tucson Carvair Assoc. is about to have our best get together. The Christmas party this year is going to be held at the Redwood Gay 90's on Speedway just east of Craycroft Rd. We will have an open bar starting at 6:30pm, the dinner starts at 8:00pm - my point here in putting this in my article is to emphasize the club needs your support. The support we need is your presence at the party. Don Bortle is going to be taking reservations at the November regular meeting, and remember that the contributions that you have made to the T.C.A. over the past year is partially going toward the purchase price of your dinner. One more thing - if your can't come to the November meeting and you want to go to the party, reservations can be made through the mail if the dead line is made. All mail should be sent to either Don Bortle or me, and our addresses are on the front cover of the Corvairsation. More details can be found in the activities column in this months paper.

With the regular meeting for December falling so close to Christmas this year, in the best interests of all, that meeting will be canceled. This is one more reason to go to the Christmas party for it will be the only meeting in December.

At the last meeting I made note that the Phoenix club was coming to Tucson in February for an over night outing, and it's "on" for sure. They will be driving down on Saturday February 14th, and leaving on the 15th to go home. The one thing that is firm is the Saturday night dinner. I am going to try and reserve our Pizza place for a get together Saturday night. I'll be asking for some feedback at the meeting, hopefully we can send them some ideas so their trip to Tucson will be a memorable one.

I was contacted by Dave Albani from the Phoenix club and after we talked I told him I would get back to him as soon as I could. After last months meeting I tried to call and no one answered. so every few days another call was made with no answer. Finally my wife said "If it is so important he will call back when he comes home". Well I just about forgot Dave when the other day he called and, as you would guess, I was not home. When I got the message I though AH I'll catch him at home, and made the telephone call. Someone answered so I said "is Dave there" and the voice said "who" and I repeated "is Dave there?" This time the answer was "you mean Albani, he moved two years ago and you have his old number". I apologized and he said "think nothing of it, this happens all the time". The moral here is that if Dave is that popular maybe all the members of the T.C.A. should come meet him the 14th of February.

I hope to see you all at the meeting.

*Pat Hayburn*

# CHRISTMAS PARTY

Due to a major renovation of the DM AFB Officers Club and a lengthy delay in completion of the project, we will be unable to hold our Christmas Party there.

After considering other locations it was concluded that the Redwood Gay 90's offered the best accommodations. It is located at 5532 E. Speedway which is on the south side of Speedway just east of Craycroft.

The party will be held on Tuesday, Dec. 16, 1980 starting at 6:30 pm with a no-host bar. We will have our own bar set up in the banquet room and the price of drinks will be: well drinks \$1.25, call or mixed \$1.45, premium \$1.50, beer & wine \$1.00. The price of the dinner will be \$9.50 or \$8.50 if a smaller portion of the entree is desired, which includes tax and tip.

## MENU

### Choice of one

Prime Rib  
Fried Round Shrimp  
Top Sirloin Steak

Tossed Salad - choice of dressing  
House, thousand island, Blu cheese

Baked potato

Green beans & cauliflower au gratin Strawberry shortcake

Coffee, tea, or Milk

We need the support of all club members to make the party a success. Remember that half the amount you donated in cans goes towards paying for your dinner and a guest up to \$19.00 total.

Don Bortle

# MEMBERSHIP NEWS

If your name appears on this list, your club dues should be paid to Don Bortle at the next meeting.

## SEPTEMBER

Dave Stafford  
Dour McVie

## OCTOBER

Orlin Wilsey  
Greg Duncan  
Mike Hammer

## NOVEMBER

Barry Cunningham  
Linda Badger  
Ken Hubbard  
Dan Miles  
Alice Miller  
Dave Baker  
Louis Aldrich  
Dan Mattingly  
Cecil Allain

## NEW MEMBERS

Alan & Gloria Gray  
1655 W. Ajo Way #182  
Tucson, Az. 85713  
Tele: 294-4221

Rudy & Carol Castro  
2545 E. Beverly Dr.  
Tucson, Az. 85716  
Tele: 323-8238

Don Bortle



# TUNE-UP TIME IN TUCSON

Well gang, this time we had more tune-r-uppers than we had takers. We were really prepared for a deluge of sputtering Corvairs, had all the tools ready, relief crews standing by, but alas, only 14 cars went through the line. Couldn't blame it all on the weather, although 65 degrees appeared cold to some. I hope the main reason for the low attendance was that all the rest of the club members' cars are purring like kittens. We did miss some of the regulars; Sam Sharp didn't make it for his semi-annual rebuild and we couldn't find Chester Bockstedt's Greenbrier in the line.

For those of you who didn't attend, I would like to mention the discrepancies we found in each area.

**Safety Check** - A few tail lights were inoperative, caused by corrosion in the bulb socket. A recent tech tip described the use of a battery cable cleaner to ream out the corrosion from these sockets. Another little-noticed light that was in-op was the license plate bulb. In most cases, it was not the bulb but the guy who painted your car last and failed to mask the lense. Careful when you clean this lense, laquer thinner may soften the plastic. Usually the paint has been sprayed over the residual road grime and can be cleaned with hot soapy water. As an incentive to clean this lense, the Tucson Police have been known to cite motorists for an in-operative license plate light.

**Suspension Check** - Some worn out lower ball joints were found. One lower ball joint appeared to have never been tightened. Additionally, several Pitman Arm bushings were worn out. This is an inexpensive part and can be installed by most of us.

**Engine Tune-up** - Showed some problems with the balance tube hoses. One car had recently been through one of our local tune-up houses. From the dwell and spark advance settings, the mechanic(?) must have had his Number of Cylinders Selector set on 16 rather than 6. Another area that needs attention is the gasket that belongs between air inlets and carburetor. No sense in buying new air filters if the air bypassing them because the gasket is missing. Pat Hayhurst has recommended that the club buy them in bulk and sell them at future meetings.

Everything considered, the cars were in pretty good shape. My thanks to the twenty members who gave up their weekends for the past two months preparing for this activity. Maybe next time we can give them more to do.

## COLD WEATHER OPERATION TECH TIP

With the arrival of Winter, heater use will become a necessity. If you drive a "Leaker", don't drive for extended periods of time with the heater on and the windows closed. Could be fatal! Additionally, faster warm-up can be realized with operable damper doors. So if everything is in tip-top shape, like the ad said, "Want to Winterize your Corvair? - Roll up the windows".

*Frank McKenna*

# WATER INJECTED TURBO

WE HAVE HAD SOME EXPERIENCE WITH WATER INJECTION, (AS DISCUSSED IN THE JULY 1980 CORVAIRSATION), WHICH MIGHT BE OF INTEREST TO OTHER CORVAIR OWNERS.

WE INSTALLED A SPEARCO WATER INJECTION UNIT ON A 1965 CORSA TURBO CONVERTIBLE. THE CAR WAS STOCK WITH 3:55 POSI DIFFERENTIAL GEARS, MOLY PISTON RINGS ON .030 OVER TRW FORGED PISTONS, AND THE THICKER 1965 140 HP AIR CONDITIONER SPACER BETWEEN THE BARRELS AND THE CRANKCASE. THE ENGINE-DRIVETRAIN WAS COMPLETELY REBUILT ABOUT 3,000 MILES PRIOR TO THE SPEARCO INSTALLATION.

OUR FIRST PROBLEM WAS FINDING AN APPROPRIATE PLACE TO MOUNT THE INJECTOR NOZZLE WITHOUT MODIFYING THE STOCK TURBO AIR CLEANER. THIS WAS ACCOMPLISHED BY REPLACING THE STOCK TURBO AIR CLEANER ELEMENT RETAINER WITH A CIRCULAR PIECE OF PLEXIGLASS OF THE SAME DIAMETER. A SMALL HOLE WAS DRILLED IN THE UPPER PORTION OF THE PLEXIGLASS APPROXIMATELY 2 INCHES ABOVE THE RETAINER WING-NUT. PLEXIGLASS WORKS WELL FOR THIS AS IT IS RELATIVELY EASY TO WORK AND ALLOWS VISUAL OBSERVATION OF WATER INJECTION OPERATION.

OUR NEXT PROBLEM WAS FINDING AN APPROPRIATE PLACE TO INSTALL THE WATER STORAGE TANK. REMEMBER THAT THE LAWS OF GRAVITY WILL CAUSE SIPHONING WHEN THE INJECTION UNIT IS NOT IN OPERATION. THE ONLY SUITABLE PLACE WE COULD FIND WAS IN THE LEFT REAR WHEEL WELL, DIRECTLY BEHIND THE BATTERY. THIS WAS THE LOWEST PLACE WE COULD FIND IN THE ENGINE COMPARTMENT, AND STILL THE HEIGHT CAUSED US TO LIMIT THE WATER LEVEL IN THE STORAGE TANK TO ABOUT HALF OF IT'S TOTAL CAPACITY.

OUR FINAL PROBLEM WAS THAT THE SPEARCO UNIT REQUIRED A MANIFOLD VACUUM SENSOR INPUT AND TO USE THE NORMAL VACUUM LINE ATTACHED TO THE PRESSURE RETARD UNIT ON A TURBO ENGINE DISTRIBUTOR WOULD NOT WORK WHEN OPERATING UNDER BOOST CONDITIONS. WE USED THE SMALL CHROME LINE WHICH CONNECTS THE CRANKCASE VENT SYSTEM TO THE INTAKE SIDE OF THE TURBOCHARGER.

ALL OTHER INSTALLATION STEPS WERE PERFORMED AS SPECIFIED ON THE INSTALLATION INSTRUCTIONS. EVERYTHING WORKED WELL, BUT THE SYSTEM DID HAVE SOME PECULIARITIES. UNDER NORMAL OR LIGHT LOADS, THE SYSTEM DID NOT INJECT ANY WATER. NO INJECTIONS OCCURRED AT HIGHWAY SPEED LIMIT CONDITIONS EITHER. WATER INJECTION OCCURRED ONLY UNDER HARD ACCELERATION OR BOOST CONDITIONS UP A LONG, STEEP HILL AT HIGHWAY SPEEDS. THE ENGINE TEMPERATURE WAS ACTUALLY LOWER WHEN USING BOOST GOING UP A HILL!

WE ALSO NOTICED THAT AFTER APPROXIMATELY 500 MILES OF DRIVING, THE ENGINE WAS USING SOME OIL AND BLUE SMOKE WAS EMITTED FROM THE EXHAUST DURING DECELERATION OR GEAR CHANGES. (I'M CERTAIN MANY READERS WILL OFFER VARIOUS THEORIES ON THIS CONDITION.) PULLING THE SPARK-PLUGS REVEALED BRIGHT, SHINY AND CLEAN COMBUSTION CHAMBERS.

# TURBO

OVERALL, THE SYSTEM PERFORMED AS ADVERTISED, BUT IT FUNCTIONED AS A "PERFORMANCE" TYPE UNIT. FOR NORMAL DRIVING, THIS UNIT WILL DO PRACTICALLY NOTHING FOR YOU EXCEPT CLUTTER UP YOUR ENGINE COMPARTMENT. WE HAVE SINCE REMOVED THE UNIT AND AFTER APPROXIMATELY 500 MILES OF DRIVING FOUND THAT OIL CONSUMPTION HAS DECREASED TO PRACTICALLY NOTHING.

IN RETROSPECT, WE WOULD NOT PURCHASE THIS TYPE OF UNIT, INSTEAD WE WOULD CONSTRUCT A UNIT SIMILAR TO THAT DESCRIBED IN THE TECH TIPS OF THE MAY 1980 COMMUNIQUE. SUCH A UNIT COULD BE USED ON A TURBO BY INSTALLATION OF A ONE WAY ONLY FLOW DEVICE (SUCH AS A PCV VALVE) WITHIN THE SYSTEM.

CONTRIBUTED BY

MARVIN (RED) JACKSON  
1111 GOODSELL  
YUMA, ARIZONA 85364

# FINANCIAL NEWS

BALANCE AS 30 SEPT	1980	....\$653.29	
INCOME FOR OCTOBER	1980	.... 373.34	
EXPENSES	OCTOBER	1980	.... 208.60

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BALANCE AS 31 OCT.	1980	.... 818.03
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LESS CAN MONEY FOR		
CHRISTMAS PARTY.....		146.81

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BALANCE	.....	671.22
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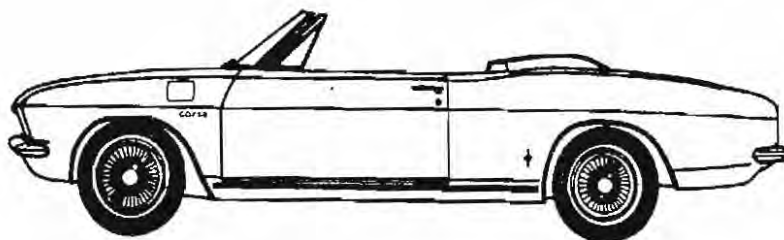
# GIRL TALK

When your "mechanic" comes in with hands all greasy and black and you're all out of hand cleaner, pull out your can of shortening. Use a teaspoon or so, working it in well and wipe off with paper towels. Repeat as needed, then wash hands with regular soap. This treatment will also work on tar or black-top spots on floors.

There is no need to buy expensive degreaser when cleaning car parts. Try GREASE RELIEF. It comes in a red container and can be bought at any supermarket for 1/10 the cost. Use full strength.

Courtesy of Joanne Gemberling





TUNE-UPS

ENGINE RESEALING

ENGINES REBUILT

AIR CONDITIONING

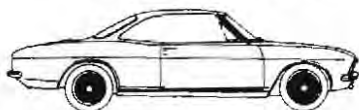
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**STEVEN N. BOGARD**  
ATTORNEY AT LAW


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177 N. CHURCH AVENUE  
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Note: Ad space on this page is free to members. Non-members pay \$2 for 4 lines. Cost for display ads quoted upon request.

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1,000 MILES ON REWORKED HEADS. NEW  
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GEORGE ANDERSON 747-8081

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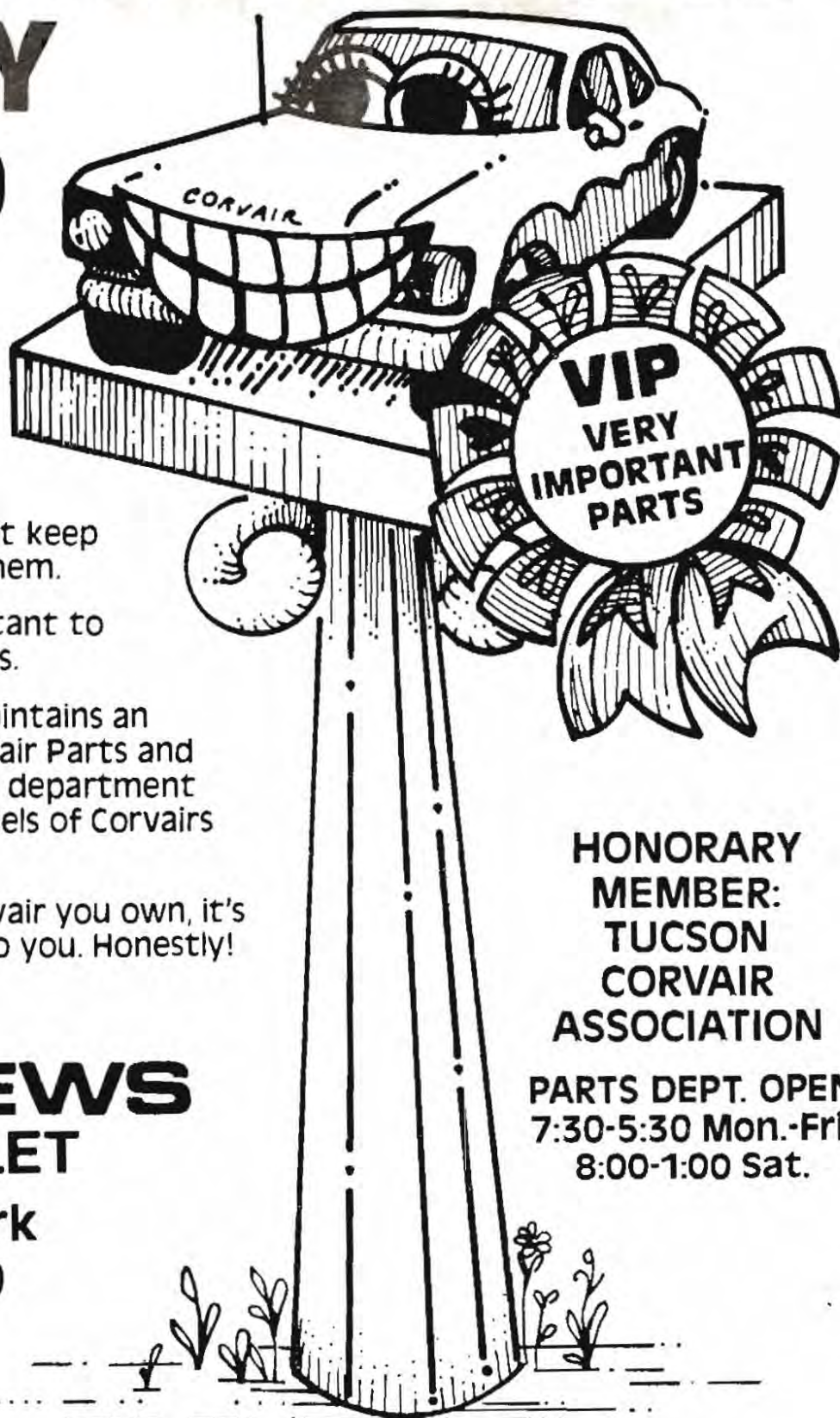
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TUCSON CORVAIR ASSOCIATION REGULAR MONTHLY MEETING

- \* TIME: November 26, 6:30 pm, MEAL SERVED AT 7:00 pm
- \* PLACE: VILLAGE INN PIZZA 5133 East 22nd Street.
- \* MENU: Spagetti, Pizza, Ravioli, Soup, Salad, BUFFET.
- \* PRICE: Adults \$2.40; Children under 12 \$1.89

**COMING  
EVENTS:**

Wednesday, November 26, 6:30 pm  
Regular Meeting  
Village Inn Pizza

Tuesday, December 16, 6:30 pm  
Christmas Party  
Redwood Gay 90's  
5532 East Speedway

Note: No business Meeting  
Scheduled for December.