



AMA Chapter 534,  
Medford, Oregon



November 2001

Hi Eagles,

We've scheduled our holiday party.

**When:** December 1, 2001. Cocktails at 6:00 PM, Dinner at 7:00 PM.

**Where: Mon Desir Dining Inn.** Located at 4615 Hamrick Road in Central Point. Hamrick is a left off of Pine which is the main street in Central Point. It is located at the east end of downtown Central Point.

**Dinner and Price:** You have a choice of Chef Carved Roast Beef or Grilled Chicken. The total cost of the evening is \$14.95 per person, including gratuity. Drinks will be available at the bar for you to buy.

**Gifts:** This is an optional feature. If you wish, purchase a gift (men buy a man's gift, women buy a woman's gift) for a maximum of \$10. Bring it to the party where you will be given a ticket when you hand in your gift. There will be drawings for the gifts, your ticket making you eligible to win one. Those who choose not to participate will not hand in a gift and will not get a ticket so they will also not win a gift. The club will have several gifts to be raffled off with all those at the party to be eligible for these drawings.

**Awards:** The Modeler of the Year, Broken Prop Award, Most Improved New Modeler of the Year, etc. will be announced and presented at the holiday party.

Call Jerry Sivin (535 7360) with any questions you may have.

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**Reservations** (Cut off at dotted line and mail to):

Jerry Sivin  
7360 Adams Road  
Talent, OR 97540

Or bring to the next meeting with your check

Name of Rogue Eagle \_\_\_\_\_

Name of Guest(s) \_\_\_\_\_

Number of Beef dinners: \_\_\_\_\_ Chicken dinners: \_\_\_\_\_

Enclosed is check for \$14.95 (for one), \$29.90 (for two), made out to Rogue Eagles RC Club.

**Teaching R/C Flying** will not be continued in the newsletter; however, if you would like the rest of the story you may find it at [www.rogue-eagles.org/Hints and Tip/Flying/Teaching R/C Model Airplane Flying](http://www.rogue-eagles.org/Hints%20and%20Tip/Flying/Teaching%20R/C%20Model%20Airplane%20Flying). If you do not have Internet access, please contact me at 664-2549, or at one of the monthly club meetings and I will see that you get the entire article. Editor

## Engine Maintenance

by Randy Lipscomb

I'll have to admit that in all the years I've been flying RC (Radio Control) airplanes, I've never really had a complete grasp of what happens to an engine left without lubricants after a weekend of flying.

I know that the engine will obviously rust solid if nothing is done, but am I doing everything I can to protect my expensive engine?

I have my usual routine of running the engine dry of fuel and then adding Marvel Mystery Oil to the carburetor after my last flight of the day. I flip the prop over several times to draw the oil into the crankcase of the engine, cover with an old sock, and put my airplane away until the next sunny day.

Bob Slater, of Scottsdale AZ, has done us all the great service of addressing this question with his many years of rust-free engines.

To prevent bearing rust and internal rust from destroying your engine, pull the fuel lines at full throttle and let the engine run out of fuel. Put the glow plug battery back on the glow plug and spin the prop with an electric starter for about 30 seconds.

Remove the battery from the glow plug and squirt a good shot of Rislone® oil into the intake (of a two stroke) or the crankcase vent nipple (on a four stroke). Rislone® can be purchased at most auto supply stores.

Spin the prop again for a few seconds to distribute the oil throughout the engine, and repeat the "squirt and spin" procedure two more times.

That's it! If you plan on storing your engine for more than a month, squirt the oil in a little heavier and stand the engine on its crankshaft until the oil runs out of the front bearing housing.

This has been Bob's routine for the last five years, and he swears by it. Thanks, Bob.

from *The Altimeter*  
The Clarksburg Model Aviation Club  
Richard Rader, editor  
Bridgeport WV



Bill Grove after testing his F-4 Phantom II. It must have flown quite well, judging from the smile.

## Fabulous Phantom II

It's been 40 years since the "Phabulous Phantom" first took to the air on May 27, 1958. The F-4 Phantom II aircraft, which still flies in defense of 8 nations, was retired in 1996 from U.S. military forces, ending a record-studded 38-year career.

The Phantom was first used by the U.S. Navy as an interceptor but also was capable of flying as a ground-support bomber for the U.S. Marine Corps. The aircraft flew every traditional military mission: air su-

periority, close air support, interception, air defense suppression, long-range strike, fleet defense, attack and reconnaissance. It could fly short training missions or 4.5-hour sorties as a Wild Weasel in search of anti-aircraft defense systems. It starred in both the Vietnam War and Operation Desert Storm with a record of 280 air-to-air victories and the destruction of more than 200 anti-aircraft sites.

The Phantom was the first multiservice aircraft, flying concurrently with the U.S. Navy, Air Force and Marine Corps. It is the first and only aircraft ever to be flown concurrently by both the Blue Angels and the Thunderbirds. It has been flown by the defense forces of 11 other nations: Australia, Egypt, Germany, Great Britain, Greece, Iran, Israel, Japan, South Korea, Spain and Turkey.

From 1958 until its U.S. service retirement in 1996, it flew more than 17 million miles - the equivalent of one aircraft flying continuously for more than 2,000 years. It's only been 95 years since the Wright Brothers first took humans into the skies, and the F-4 Phantom II has been flying more than 40 percent of those years.

Continued at Phantom, next page

# Seeing Clearly

by Lynn Williams

Far out in the parking lot early in the morning at the TNT, a flier who shall remain unnamed was sighted applying a secret substance to his eyeglasses in preparation for the day's flying. Okay! I am willing to come out of the closet on this one since I have been using this substance for about six months and it really seems to help. The substance is RainX®! Originally sold as a treatment for auto exterior glass, it seems to leave a very thin, clear, transparent polymer substance on the glass which seems to slightly sharpen the image and increase the surface tension, making water bead up instead of spreading on the glass.

This product is available in two useful forms. Apply RainX® in the yellow bottle to perfectly clean glass, then allow the solvent carrier to evaporate, then polish with a soft tissue until clear. The other method is to use the RainX® Glass Cleaner, which works much like Windex. RainX® is easily found at supermarkets and auto parts stores. The RainX® glass cleaner I have found only at Albertson's in the Automotive chemical section. The results you obtain with this product may vary. Have your eyes checked every two years at least. 20/20 vision means you can see a 20-degree arc in a circle (pie chart) at 20 feet. 20/15 vision means you can see a 15 degree arc at 20 feet (better). Birds of prey are thought to have 20/10 vision or better!

## 2001 Club Officers And Coordinators

### President:

Danny Stanton 664-8734

### Vice President:

Clark Wolf 773-4270

### Secretary:

Danny Watson 488-2179

### Treasurer:

Roger Hebner

### Board Members at large:

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Jerry Sivin jsivin@aol.com

Bill Grove 955-0634

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### Public Relations Officer:

Richard Schwegerl 773-5479

### Safety Field Marshall:

Bob Knudsen 779-9109

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Sam Arrigo 597-4573

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### Flight instructors:

Jim Warner 560-4099

Richard Schwegerl 773-5479

Bill Grove 955-0634

Robert McLane 479-1919

### Video Librarian:

Clark Wolf 773-4270

### Air Show CD:

Bill Grove 955-0634

from *Update*

Soaring League of North Texas

Mike Glass, editor

Dallas TX

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From 1958 to 1979, when the production line stopped, a total of 5,195 F-4 Phantom II aircraft were built. Of those, 5,057 rolled off the McDonnell Aircraft (later McDonnell Douglas) production line in St. Louis, Mo. The last 138 were built under license by Mitsubishi Aircraft Co. in Japan. The 21-year production run was the longest on record until surpassed by the F-15 Eagle, which has now been in production 26 years (1972-98 and counting). Of the 5,057 built in the United States, the U.S. Air Force took delivery of 2,874 aircraft; the Navy and Marine Corps, 1,264; and international customers, a combined total of 919. The Phantom still holds the record for the largest production run of any supersonic fighter built in the United States.

In the 1960s, most of the thousands of McDonnell employees were involved in delivering the Phantom. Between 1966-67, production averaged 63 F-4 aircraft each month. Production peaked at 72 Phantom aircraft a month in 1967. By 1978, production was 4 to 6 aircraft a month. In all, production of the F-4 contributed to more than 1 million man-years of employment at McDonnell.

The two-place, twin-engine supersonic F-4 Phantom II, flew at Mach 2 (twice the speed of sound), and could carry a payload of up to 16,000 pounds of bombs, rockets, missiles and guns. Each aircraft has 54,197 feet of wiring and 643,000 fasteners holding it together. The pilots and crews who worked with the aircraft called it many nicknames, but most of all they praised it as a workhorse, an aircraft you could count on, an aircraft that did it all, and an aircraft that got the job done and got you home again.

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## 2001 Events

April 7 – Spring Fun Fly Potluck

May 5-6 – Agate Float Fly

OMPRA Racing - May 12

May 20 – Ashland, OR EAA

June 2 – Lee Renault

June 23 – Military Fly In

July 7-8 – Big Bird Fly In

August 4 – Hawthorne Kids Day

August 11-12 – Airshow

September 8 – Fun Fly Potluck

October 13-14 – Agate Float Fly

Oct (not yet decided) **Builders contest**

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Rogue Eagles R/C Club,  
P.O. Box 8332  
Medford, OR 97504

Stamp

To:

**NEXT MEETING is November 13 at the Lions Sight and Hearing Center, 228 N Holly, Medford, OR. This month officers and board members will be elected so it's important that all members come to the meeting. Also, you may bring your holiday party reservation and check to the meeting and give to Jerry Sivin.**

**Dear Members,**

According to our " Hat Man", Jay Strickland, our hats are currently being embroidered and will be available shortly. Thanks for your patience. Jay says the price will be lower than what we would normally have to pay.

Regards,

**Dan Stanton, President**

**Dear Members,**

Would it be possible to refrain from putting large objects in our trash barrels at the flying field, like destroyed airplanes and empty fuel bottles. The minimum fee for us to go to the recycling center is \$10.50, no matter if we have one garbage bag or several. We are spending a considerable amount to do this. Your help in this area would be appreciated and this would give us a little more for other things like capital improvements which I would like to concentrate on next year. Thanks for any help you can give us.

**Dan Stanton, President**