



# Sanderson Field R.C. News



## Club Meeting

This months meeting will be held on Thursday February 13th at Choice High School, located at 201 N. 9th St. Shelton Wa.  
Time: 7:00pm

Check out the new web site at <http://sfrcf.quintex.com>

The treasurer's report was read and approved as read.

I'd like to welcome 2 new members to the club:

- Don Christensen
- Justin Sands

Jody gave a report on the AMA charter renewal  
Dick Robb said he would buy the Hobby People P-47 ARF for the swap meet raffle.  
Jody checked into using the Aux. runway and found out we are NOT to use it except when the main runway is closed to us. The Aux. runway is just inside the main gate.

**IF YOU PAY BY MAIL SEND YOUR DUES, PROOF OF 2003 AMA MEMBERSHIP AND A SELF ADDRESSED STAMPED ENVELOPE TO THE TREASURER:**

**CHUCK KENTFIELD  
6843 Gallagher Cove Rd NW  
Olympia WA 98502**

Word List	
Zenoah	I M K R L P X Z U V M X L S Y Q W O G S
Magnum	J E T J P T H U N D E R T I G E R U A F
Tiger Shark	J C P X B S H S X B G G M S D C M G L Y
Evolution	X O N N X D O E U Y A P C C T S P F K V
Thunder Tiger	N A H H Z S B N T P T X U I B E I V B Q
US Engines	X M A G N U M G N O E S F M Z I D V W N
SuperTiger	R D I U Q Y Q I W A C R P L V R G T B D
MDS	R E F D T Z E N O A H C T Z O V F L C A
Enya	J S I K S J V E E E M O D I Z I S M Y N
Irvine	U E O V N P Y S A Z P A S V G N Z U B D
Saito	Z R G S M K C W M A V T C L O E I Q M Y
Mecoa	N T W A O A O C R B N E W Q O R Y A B
GMS	W A Y I K M X I M F Z Q U N H U E N O G
MVVS	S I B T I G E R S H A R K Y R A L M K
Mokj	L R J O J P L W T L X X H M Q A O S A O
Desert Aircraft	F C C Z M D V Z Z I M H X Y B G X M G D
Vmax	Z R L V E E V O L U T I O N C U D W D U
Megatech	P A A J U T R G C F O B R T T X V M P S
RCV	A F Z G N R L T V A K X Z H G L P H Z T
Cox	H T P Q M U P Y C M Q X A L B L V A J M

Did anyone find all the engine names?  
Did anyone try?

**LOOK** at This  
↓

The President wanted me to remind you all to be sure to roll the combination on any of the locks you open and be sure to lock them when you are through. The Port-a-Potty was found open the other day with the combination still on the lock.

**On April 19th the club is hosting our 9th annual swap meet at the Shelton High School Sub. There will be a raffle for a Hobby People P-47 Thunderbolt ARF, A static display of RC planes and admission is free. Mark it on your calendars. See the complete ad later in this issue for directions. Hope to see you there.**



How's this for an exciting fly-by? The people you see are standing on the deck of an aircraft carrier. The pilot was suspended for a month.

# Pressure Test your Tank ( part 1 )

## Pressure Testing Your Fuel Tank

By James Goss

During the last year or so I have come across an important procedure that I think we all should do on a regular schedule as part of our airplane maintenance. Over the years when I installed a fuel tank in a model I would assemble it and try to put a little pressure in it by blowing into it to see if it would hold the pressure. This method seemed to work ok at the time but there is a much better way to make sure your fuel tank is airtight and will not leak. The reason I am so interested in the subject of leaking fuel tanks is because of the type flying I am doing at this time. I like to hover close to the ground and to do this the engine must not fail. If you are using a pumped engine such as the os .91 a small leak in the tank will not hurt anything because this type engine does not depend on feedback pressure from the muffler. Any other engine that requires tank pressure will normally quit running if the tank loses pressure. For most 2-stroke engines the tank pressure is between .2 and 1.5 psi from idle to max rpm. The 1.5-psi is not much to start with, so if you lose any of the tank pressure at all the engine will drop in rpm, especially if you are in a hover with the nose pointed straight up.

The best way to check your

tank is to pressurize it with a known pressure amount. I use a small hand pump that can put positive pressure into the tank or a vacuum as well. I prefer the positive pressure because this is what the tank is exposed to in actual use. A vacuum may tend to pull a crack together whereas positive pressure will tend to open the crack to some degree. I also use a small pressure gauge that reads from 0 to 30 pounds of pressure. When I assemble the tank for the first time I always use compressed air to clean out the tank. In the past I have found several tanks that had plastic shavings in them from their molds. These cuttings ended up in my carburetor and had engine failure. **(Where was that in-line filter?)** After the tank is assembled I connect the pump and gauge set and pump 5 pounds of pressure

into the tank. I let the tank set for about ten minutes and allow the pressure to exhaust; I then repeat the process again. If I really want to test it I leave the charged tank over night, it will not leak down any if the tank is sealed. It is not good enough to pressurize the tank and just listen for the air to escape; you need a pressure gauge so you can see the slightest amount of pressure change. The next best thing would be to charge the tank and put it under water so you can see bubbles if it is leaking. This works ok if the tank is not inside your plane, but you do not know how much pressure the tank has in it. Knowing the exact amount of pressure in your tank is the key to really knowing what is going on. Using the pressure gauge will allow you to check the tank any time and anywhere, even at the field.

PART 2 NEXT MONTH...

## CLUB OFFICERS

President.....	Jody Diaz .....	(360)427-6102
Vice President .....	Dick Robb .....	(360)427-4521
Treasurer .....	Chuck Kentfield .....	(360)866-9473
Secretary .....	Bob Beatty .....	(360)426-5601
Field Marshal .....	Chuck Kentfield .....	(360)866-9473
Safety Officer.....	John Tupper.....	(360)426-6383
Board Member .....	Jody Diaz .....	(360)427-6102
Board Member .....	Dick Robb .....	(360)427-4521
Board Member .....	Herb Coslett .....	(360)275-4158
Board Member .....	Stacy Myers .....	(360)426-9367
Board Member .....	Darryl Casad .....	(360)275-8690
Alt Board Member .....	Bob Beatty .....	(360)426-0677
Alt Board Member .....	Chuck Kentfield .....	(360)866-9473

# SANDERSON FIELD

## R.C. FLYERS

9th Annual

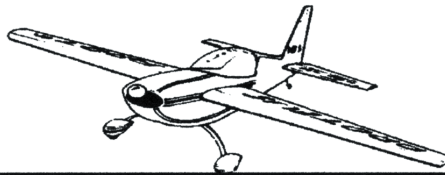
Static  
Display

Static  
Display

# Swap Meet

Located at Shelton High School, N. 3737 Shelton Springs Rd. Shelton WA , 98584. Just North of downtown Shelton. Take Hwy 101 North to Wallace Kneeland Blvd. Turn right on Wallace Kneeland Blvd. Turn left on Shelton Springs Rd. The Shelton High School will be on the left. The Swap Meet will be located in the Sub.

**FREE  
ADMISSION**



*Lot's of great stuff!*

**Saturday, April 19, 2003**

*Tables*

**9:00 a.m. - 2:00 p.m.**

*Reserve Your  
Tables Now!*

*\$5.00*

*or*

*2 for \$8.00*

**For more information call  
Bob Beatty at (360) 426-5601  
email: [bigbird06@earthlink.net](mailto:bigbird06@earthlink.net)**

Other Scheduled Events

August 23rd .....Scale fly-in

July 12th .....Invite TCMAA to our field for a fly-in (Tentative)

No other events are scheduled at this time

We still haven't scheduled our first summer Fly-in, So come to the meeting and let's get it done!

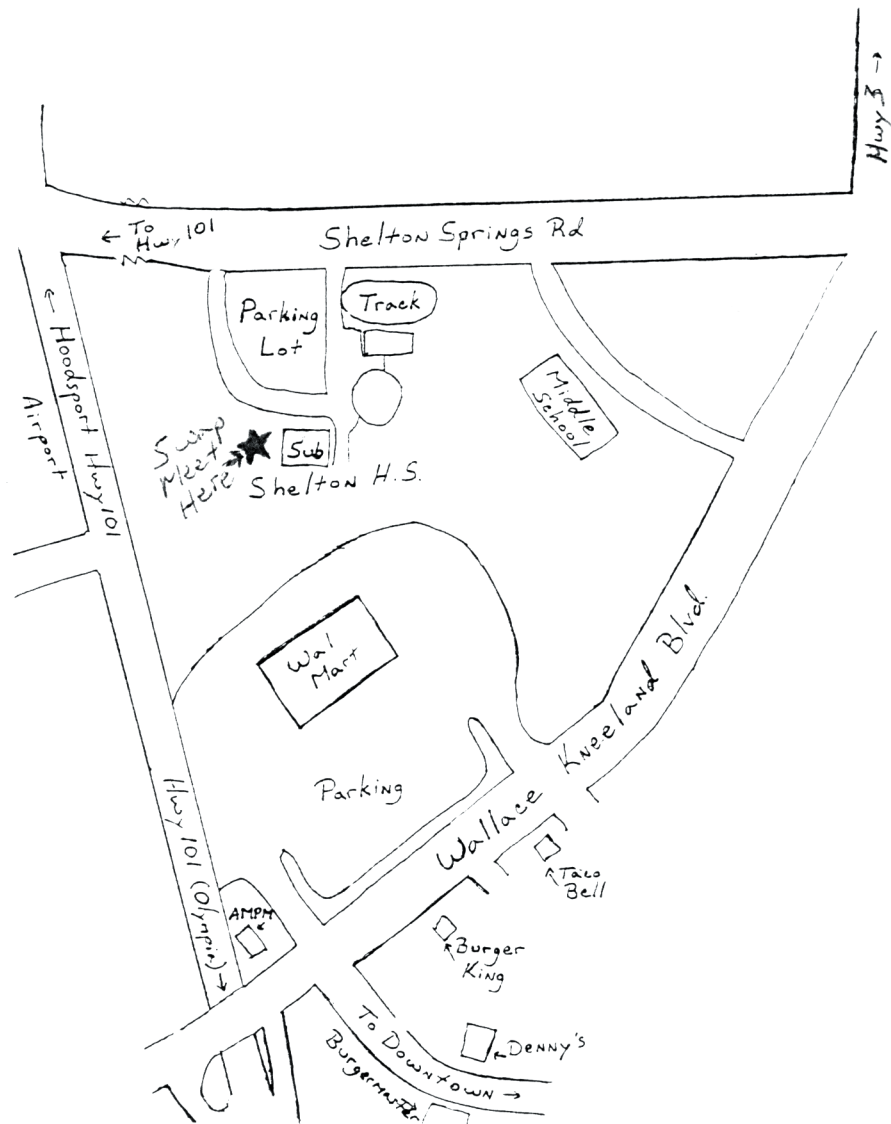
# Driving directions for April 19th Swap meet

**From Olympia:** Take exit 104 from I5 onto Hwy 101. Go north on Hwy 101 N for approximately 23 miles (until you reach Wallace Kneeland Blvd). Take Hwy 101N. to Wallace Kneeland Blvd. Turn right on Wallace Kneeland Blvd. Turn left on Shelton Springs Rd. Shelton High School will be on the left. The Swap Meet will be located in the Sub.

**From Olympia (Alternative):** Take exit 104 from I5 onto Hwy 101. Go north on Hwy 101 N for approximately 23 miles (until you reach Shelton Springs Rd.). Turn right at the Texaco Station. Continue on down until you see the Shelton High School on the right hand side. The Swap Meet will be located in the Sub.

**From Bremerton:** At Bayshore turn right on Johns Prairie. Stay on John's Prairie Rd till you come to a stop sign on Brockdale Rd. Go straight thru the stop sign. Turn right on Shelton Springs Rd. Shelton High School will be on the left hand side. The Swap Meet will be located in the Sub.

**From Hoodspert:** Go left on Shelton Springs Rd. Turn right into the Shelton High School parking lot. The Swap Meet will be located in the Sub.



# R/C GARAGE & ESTATE SALE

Saturday - March 15, 2003 - 8am-4pm

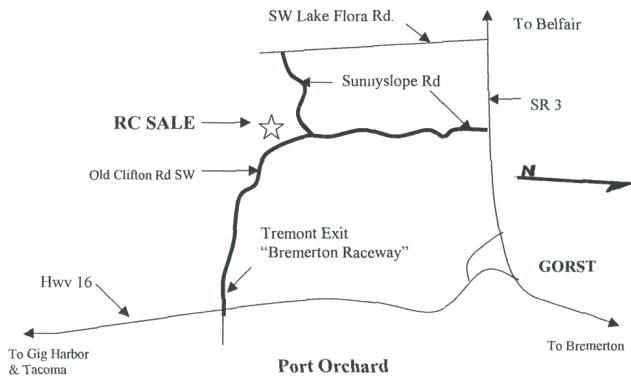
JUST A BUNCH OF MODELERS UNLOADING THEIR EXCESS STUFF

Helicopters  
Airplanes  
Boats  
Giant Scale  
Unfinished Projects

Building Supplies  
Fixable Crash Trash  
Kits  
R/C Hardware  
Engines

**- REFRESHMENTS -**

IF YOU HAVE SOMETHING TO SELL BRING IT  
OR  
BRING \$\$ AND HAUL IT AWAY



Location: 5830 Old Clifton Rd. SW, Port Orchard, WA

**WE'VE GOT A \$250 RAFFLE GOING ON SO COME TO THE MEETING AND BUY SOME TICKETS. THATS ENOUGH FOR A NEW PLANE FOR THE LUCKY WINNER!**



## RADIO CONTROL MODEL SHOW

March 7-8-9, 2003 - 8am-4pm - Kitsap Mall, Silverdale, WA

Sponsored by:  
Kitsap Aircraft Radio Control Society & Olympic Radio Control Association  
(KARCS) (ORCA)

**- SPECIAL DISPLAYS -**

Of:



AIRPLANES



HELICOPTERS



BOATS



ENGINES



SAILPLANES

Experts will be on hand to answer your questions

Coming - September 13, 2003 - The Kitsap ARCS "2003 RC AIR SHOW"