



THE SLOW ROLL



CHARTERED #921
Since DEC. 1974

President—Norm Goodnuff
Vice President—Tony Quist
Treasurer—Gene Peterson
Secretary—Rusty Fried

Editor—Bob Purdy
rcbobsvf@aol.com

OCTOBER 2006

*The Slow Roll is published by the Sun Valley Fliers
By and for its membership to all others interested in the
building of radio control aircraft*



Inside this issue

Part 1-Construction of the DO-X.....Cheesecake?...SVF Members Photos...6th Annual Turkey Fly In Coming Soon

We will feature in parts the big, very big, German Dornier DO-X flying boat.



THE PRESIDENTS CHANNEL

Norm Goodnuff



I can tell that summer is over; we have a much larger crowd flying. I have also noticed a much larger group flying helicopters; many of these pilots are new club members. I would like to welcome all of you new members. I know we will be seeing a lot of you guys.

With the increase in flying let me remind everyone to return your frequency pin after your flight. No-body wants to be searching for the pin.

I would also ask people who are throwing away crashed airplanes **to put the planes in the dumpster not the trash cans.** The trash cans are for normal trash not airplanes. **We need to keep the lids on the trash cans.**

The field will be closed on Saturday morning September 30 for cleanup. We need everyone's help.

SVF has some club members going to big events this month. These are National events that the pilots had to qualify to enter.

Jay Stewart and Rick Powers are going to US Scalemasters Championships.
Tony Quist and Dean Bird will be flying in the Tucson Aerobatic Shootout.

Good luck guys!

FIELD CLEANUP SEPTEMBER 30

Next Meeting, OCTOBER 3, 7:30 P.M. @ American Legion Hall

I Love my Creamsicle to fly.

Do you remember those Creamsicles bars that tasted so good?

You will love this receipt for,

Creamsicle Cheesecake

Ingredients

- 2 packages(8 oz. each) cream cheese, softened
- 1/2 cup sugar
- 2 eggs
- 3/4 cup sour cream
- 1 tsp. vanilla extract
- 1 tsp. orange extract
- 2 drops yellow food color
- 1 drop red food color
- 9 inch graham cracker pie crust

Instructions:

Preheat oven to 350 degrees. In a large bowl, beat cream cheese and sugar until light and fluffy. And eggs, beat well. Add sour cream and vanilla, mix well. Place 1 cup of mixture in a small bowl and stir in orange extract and yellow and red food colors. Pour remaining cream cheese mixture into pie crust. Add orange cream cheese mixture into crust by spoonfuls, then swirl with a knife to create a marbled effect. Bake 30 to 35 minutes, or until firm around edges. (The center will be slightly loose.) Allow to cool 1 hour, then cover and chill at least 8 hours before serving. *This was downloaded from one of the local TV stations a few years back. It is good!!!! Bob Purdy*



Sun Valley Fliers Club Meeting Minutes
Monday September 5, 2006
Rusty Fried, Secretary



IN ATTENDANCE **NORMAN GOODNUFF**, PRESIDENT, **TONY QUIST**, VICE PRESIDENT, **GENE PETERSON**, TREASURER, **RUSTY FRIED**, SECRETARY, **CHARLIE BEVERSON**, BOARD MEMBER, **ROBERT PURDY**, BOARD MEMBER, SAFETY OFFICER **BOB FREY**

GUEST: JOHN COLE AND HIS NEW UNFLOWN NORTH AMERICAN P-51D, ALSO **JOHN UHLVING AND HIS SON**. ANOTHER GUEST WAS **BILL PELLETIER AND HIS SON**.

OLD BUSINESS: WE HAD NO NEW SOLO PILOTS.

MINUTES AND TREASURERS REPORT WERE VOTED AND ACCEPTED AS READ.

WE WILL BE SENDING NEW DUES NOTICES ASKING FOR MORE INFORMATION THAN WE HAVE ASKED IN THE PAST. PLEASE BE FORTHCOMING.

INTRO PILOT PROGRAM IS A 60DAY PROGRAM ALLOWING A NEWCOMER TO FIND OUT WHETHER HE LIKES FLYING. IT GIVES A PERSON 60 DAYS TO FLY WITH A AUTHORIZED INSTRUCTOR. THEY PAY A \$5.00 FEE. AFTER 60 DAYS THEY MUST JOIN BOTH THE AMA AND THE SVF TO CONTINUE.

BOB PURDY TURNED OVER THE SHIRT AND HAT CONSESSION TO PAUL STEINBERG. (I was fired!)

SAFETY REPORT: PLEASE READ THE SAFETY REPORT IN THE SVF NEWS LETTER. REMBER TO ALWAYS USE A CALLER WHEN FLYING AT THE SVF PAVED RUNWAY. DON'T FORGET TO LOOK OUT FOR FULL SIZE AIRCRAFT.

BOB PURDY AND HOWARD KENNEDY WENT TO CAMP RAINBOW, THEY DID FOAMEY DEMOS AND GAVE THE YOUNGSTERS HAND LAUNCHED GLIDERS TO PLAY WITH. THEY HAD ABOUT 30 CHILDREN IN ATTENDANCE.

SEPTEMBER 30 IS FIELD CLEAN UP DAY AND RUNWAY FENCE REPLACEMENT DAY. PLEASE SHOW UP AND HELP!

NEW BUSINESS: CAMAC CALANDER NEW DATES FOR IMAC CONTEST FEB 10 & 11, 2007.

DOOR PRIZES STARTED AT 7:49PM **WINNERS:** FUEL **SCOTT THEOBALD**, EPOXY **JIM GOESSLIN**, FUEL **DENNY MYRICK**, RUBBER BANDS **JERRY WRIGHT**, FUEL **GENE PETERSON**, KNEEPAD **CHUCK ARQUETTE**, FUEL **NORM GOODNUFF**

50/50 RAFFEL: WAS WON BY **DAVE UHLVING**

JOHN COLE AN AMPS MEMBER DID A SHOW AND TELL WITH HIS P-51 HE SPENT 2 YEARS BUILDING. THE MODEL HAS A WEIGHT OF 22 LBS.

RICK POWERS DID A SHOW AND TELL ON STRYKER F27C ARF. ALL FOAM INCLUDES RADIO, MOTOR, BASTTERIES AND CHARGER ALL FOR \$249.95. HE ALSO SHOWED NEW JR RADIO 7202 7 CHANNEL FOR \$329.88. ALL AVAILABLE AT HOBBY BENCH.

MOTION MADE AND VOTED TO CLOSE MEETING AT 8:11 PM.



Doin it Safely by Bob Frey

Just a couple of items this month on safety.

First, please view the link below

<http://www.pbase.com/laftermilch/mpmjetcrash>

Not picking on jet guys here, because this kind of accident could happen with virtually any kind of model. For whatever reason the model wound up blasting through a pilot flying station. Not only that but whatever club this was went to quite a bit of effort to protect pilots by erecting the sturdy looking chain link fence to stand behind and fly. Well the rather smallish looking jet made pretty short work of that fence wouldn't you say?

Point is these models can and do occasionally roar through the flying stations or the pits and can do an incredible amount of damage to things and people. This kind of highlights something that has been bothering me a little about our rule that you need to have a holder while starting a model. Invariably, the holder will have his back to the 'action' on and over the runway and is completely blind to any hazard coming their way. We're not going to change the rule but a word to the wise. Who is ever actually starting the model and therefore facing the runway and flying area needs to be just a little heads up while that's going on so he or she can warn the holder of any impending danger. Hopefully, if everyone flying is using a caller, the caller can also call out warnings should a model stray into the pilot or pit area as well.

Second item this month has to do with a very experienced, careful modeler, who shall remain nameless, who wanted to solder a new handle onto his glow fuel can. He washed it out good with soap and water, then rinsed it several times. He had his handle pretty much installed and was working on the last bit of soldering with a torch when.... Whoosh!! Blue white flame flew out of the can suddenly. He wound up with second degree burns on the palm of his hands and a couple of fingers. I don't remember too many incidents of fires involving glow fuel, and I know I have smoked around this stuff and probably not handled it as carefully as I should. This story should serve as a good reminder that the stuff really is very flammable and can cause injury very fast if mishandled. People that know tell me that the can should be mostly filled with water during any soldering procedure.

One last item is a heads up for a possible upcoming rule change. The board is considering a rule that would require all gasoline powered models to use failsafe to kill the engine upon loss of the radio link. This would apply to FM systems as well as PCM systems. I fully support a move to this rule and think it may help avoid ugly accidents in the future. You may want to think about this and perhaps share any opinions at our next meeting.

As always, if anyone has any questions or concerns regarding our safety program at SVF, feel free to contact me at any time.

Bob Frey 602-944-4264

freymell@cox.net

DORNIER'S DO-X

Professor Claude Dornier built several smaller flying boats, but wanted an aircraft that could span the oceans and carry a substantial load. He double the size of his DO-R and the result was the DO-X. At the time it was the largest aircraft in the world and powered by a dozen 500 hp engines that were replaced by 650 hp *Curtiss Conquerors*.

Three of these giants were built, two were sold to Italy, but never achieved much success. The third carried passengers around the Atlantic rim, and was later sold to Lufthansa. It ended up in the Berlin Museum where it was later destroyed in the bombing of Berlin in WWII.

Bob Curtin DO-X

I guess Bob got the idea while attending a West coast fly in of seaplanes, flying boats and float-planes back early 1992. His sights were on the DO-X and had a neighbor obtained a set of drawings from Dornier GmbH in Germany. The drawings were for a 1/25th non-flying scale model.

Bob wanted it to be a 1/10th scale and had the plans enlarged for his project.

The project got many people excited to be involved in a undertaking as huge as this. Many skilled craftsman on this project, traded their expertise for rides in Bob's Tiger Moth.

The DO-X in late 1993 was ready to fly at Lake Havasu.

Part 1— The Beginning



Beginning of the wing
Matt Parsons, cut out all 42 of
the hull frames and the spruce
stringers.



How tall?
The wingspan is 15 feet 9
inches.



Leading, trailing edge,
sheeting getting installed.
Opening seen for the
Motors.

FULL SCALE DO-X SPECS.

Wingspan @ 157 ft.
Fuselage @ 131 ft. long
Wing area @ 488 sq. ft.
Engines-12 Curtiss
Conquerors 640 hp
Load- 150 passengers,
10 crew and 9 stowaways.

Bob Curtin DO-X Specs.

Wingspan @ 15'9"
Fuselage @ 13'1"
Wing area @ +48 sq. ft.
Weight @ 97 lbs.
Engines- 6 Modified
23 CC Zenoahs
No passengers!



Wing showing opening for engine module as its being built in the photos at the right.

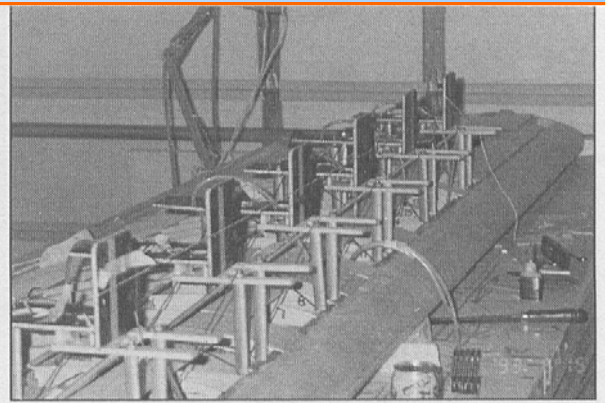


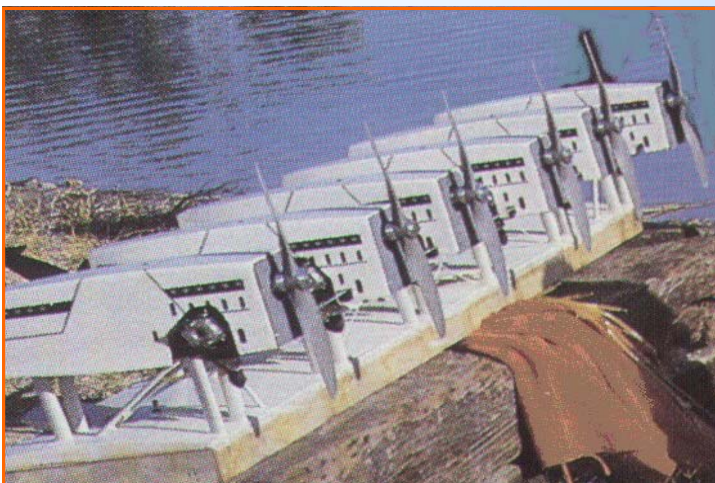
Photo taken midway through the construction shows the partly built engine module being assembled in place on the wing. Despite the sturdy construction, the finished aircraft has a wing loading of only 32 ounces per square foot—quite low for a model of this size.



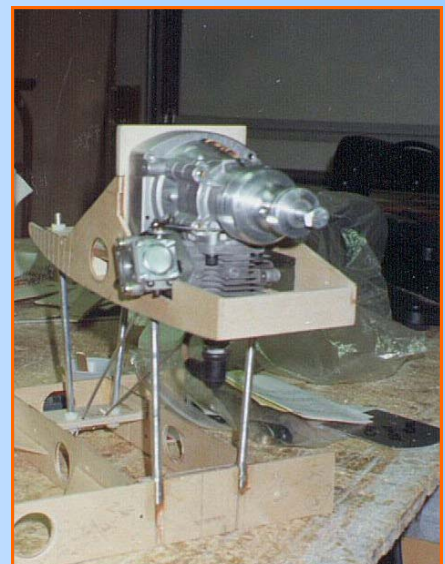
The tedious job of adding the corrugations to the wing leading edge was aptly handled by Carol Curtin, Bob's wife. Each of the 586 corrugations was done by gluing a piece of string to the leading edge—whew!



The engine module shown with static props and 6 1.6 hp Zenoahs



The engine module is a complete self contained unit with their fuel systems, mufflers, and servos. APC props are seen mounted on the 6 engines.



The modified 23CC Zenoah engine is shown ready for wind tunnel testing at ASU.



Looks like a nuclear submarine in this photo. But it's the DO-X and a tree or two of balsa from Midwest Products.



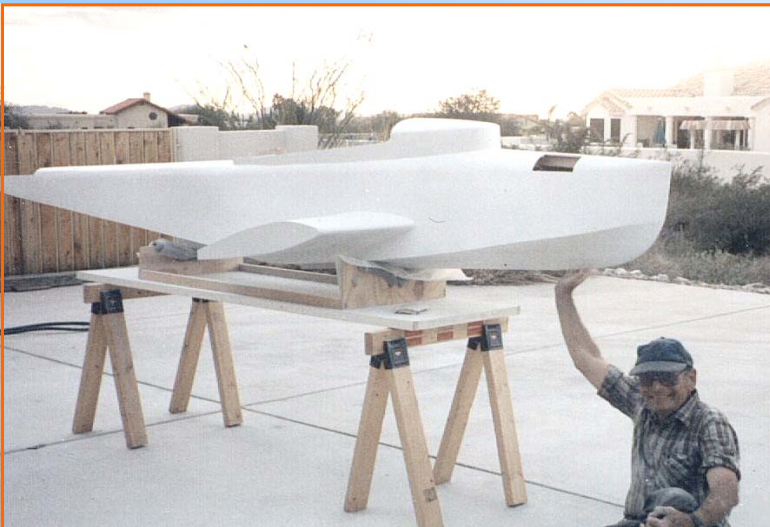
Looks like Marshall Sims is checking for a straight leading edge. Wing being fitted to check out fuselage seating..



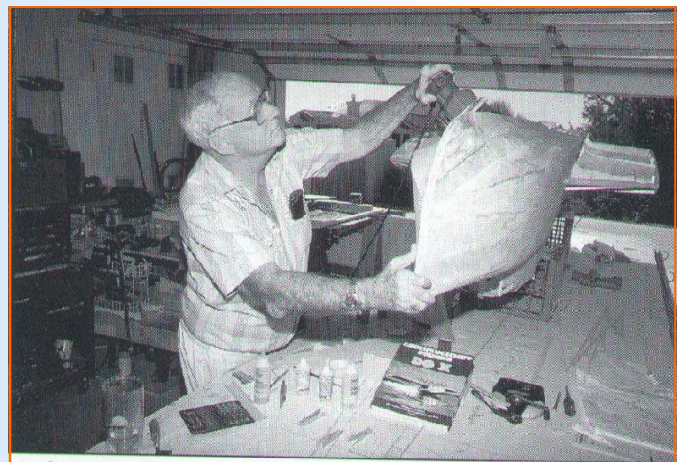
Here we see some of the engines nacelles partially finish and the wing covering.



After 2 coats of fiberglass, each heavily sanded. Later sprayed thinned latex paint for the primer.



Here we see the final coat of clear lacquer. Result is a matte finish like the original surface.



Bob Curtin, master airplane builder, at work on the DO-X

DO-X Part 2 in next month Slow Roll



FRANK

Your
Photo
here

Introductory Pilot Program



DAN



HOWARD

I have to report is that the intro pilot program is going strong. Howard Kennedy is training our first guy named Haim Lichaa. According to Howard Haim is doing very well. We now have three intro pilots. Howard Kennedy, Frank Moskowitz and Dan Jacobsen.

If you know someone who would like to learn how to fly and wants to utilize this great program please have them contact Howard Kennedy. He is graciously accepting phone calls or emails to set up appointments for future members: Howard can be reached at (602) 361-8475 or emailed at bushpi-lot1443@yahoo.com

If you are interested in becoming an introductory pilot or have questions on this program please call Frank Moskowitz at 480 502-3804 or fmoskowitz@cox.net

The Introductory Pilot Program can also be seen on our website www.sunvalleyfliers.com

FOR SALE

- 1) **AEROTECH YAK 54 ARF** for 50cc gas. new in box. **\$395.00**
- (2) **FUTABA 6EX-PCM 6 Channel radio**. On channel 37, new in box, **\$119.00**
- (3) **COLUMBO ANDERSSON 38% EXTRA 300**
This airplane still has all the servos, wiring, linkages and other plumbing installed All that is needed is an engine, (set up for a DA 150), receiver's and a battery system of your choice. MTW canisters and headers are still installed. Wing bags are included.
\$1,695.00. Tony Holden @ 602-448-0513

Turkeys Wanted

Well not really, what we are looking for are some of you Sun Valley Fliers to help us out with the upcoming Electric Turkey Fly In on Nov.11, 2006. With an event like this, there is always in need of help at the registration table to sign in the pilots, check for AMA license, collect the fees. Two SVF's will be needed there. There is a possibility for help at the gate? No kitchen, but another possibility for beverages. Some judges maybe. So if you would like to help out please e-mail me or call me @ 602-996-3563 **Bob Purdy**



Looks like an R/C P-51, but its at RENO.

Sun Valley Fliers Photo Page



**S
V
F**



Registration Fee is \$15.00

**S
V
F**

SIXTH ANNUAL

Electric Turkey Fly-In.

PLUS A SWAP MEET.

SATURDAY NOVEMBER 11, 2006
@ 9:00 A.M.

All Proceeds go To Camp Rainbow

Help Us To Help Children With Cancer

Hosted By The Sun Valley Fliers

At The Cave Buttes Dam.

Cave Creek Rd. to Jomax and turn west at traffic light.

Camping Available — No Hookups

Open To All Electric Powered Aircraft

**Pilot Prizes / Awards. Swap or sell your
electric aircraft, motors, batteries, chargers, etc.**

AMA Sanction #06-1907

AMA License Required

www.sunvalleyfliers.com

CD, Bob Purdy 602-996-3563 or rcbobsvf@aol.com

Alternate CD, Howard Kennedy Jr. 602-971-1069 or

bushpilot1443@yahoo.com

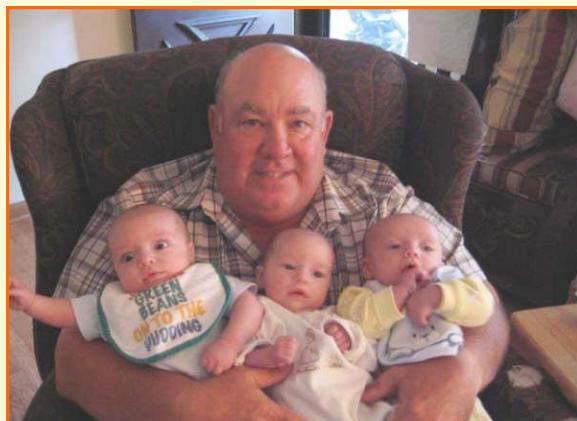
Attention ARIZONA HOBBY TRADE Stores and MANUFACTURERS

We would like to invite the Arizona hobby trade folks that deal with **Radio Control Aircraft** products to advertise in our newsletter, the **Slow Roll**. We can place a quarter page, half page and a full page at a very reasonable rate for the whole month.

We will be please to show your store / operations and personal with photos and present it as a feature in the newsletter. All we need is your permission and we will send out our best cameramen, Bob or Frank. *Well we think we are.*

Bob @ rcbobsvf@aol.com

Frank @ fmoskowitz@cox.net



We had to put this photo in to show off GRANDPA Ron Petterec grandkids trip-lets. Wonder if Ron will be out here this winter or home babysitting. Bring them with Ron.

FOR SALE or WANTED

Do you have an R/C item you want to sell?

Or are you looking for something?

You have a good place to seek out/sell those items on the SVF website at www.sunvalleyfliers.com

<http://www.sunvalleyfliers.com/classifieds/>



FRANK'S Hobby House

12008 N. 32 ST. M, T, F. 10-6
Th 10-7
PHOENIX, AZ. 85028 SAT. 10-5
602-992-3495 Closed Wed & Sunday

HOBBY BENCH

COMPLETE HOBBY & CRAFT CENTER

Paradise Valley
Mall 602-996-
7200 Phoenix

M-F 10-9PM, SAT 10-
9PM, SUN 11AM-6PM

8058 N. 19th Ave. 602-995-1755 Phoenix

M-F 9:30-8PM, SAT 9:30-6PM 11-5PM

4240 West Bell Rd. 602-547-1828 Glendale

M-F 9:30-9PM, SAT 9:30-6PM, SUN 11-5PM

Next Month Issue

We got a war bird that will be feature with photos, as always, to show this mans work. *Also we will show a step by step construction (some steps) of an electric bi-plane that well be flown at the Electric Turkey Fly In.* We will continue with part 2 of the DO-X. **NOTICE: There will be a SR for the DEC. issue. We would like all articles/ photos in after the NOV.11 event ASAP.**

Hope you will enjoy it **Bob** rcbobsvf@aol.com

This Month Issue

I hope you will enjoy the DO-X article and photos in part 1 on this floatplane. A big under taking by many. More in next month Slow Roll. **I need to mention the registration fee for the Turkey Fly IN is \$15.00. Had to fill in spaces with photos**

Remember to ZOOM the PDF page to see more.