



AUX TANK

Newsletter of the San Fernando Valley Chapter of the
NINETY - NINES
INTERNATIONAL ORGANIZATION OF WOMEN PILOTS

MARCH 2006

CHAIRMAN

Bertie Duffy

VICE CHAIRMAN

Kathy Crawley

RECORDING SECRETARY

Jennifer Miller

CORRESPONDING

SECRETARY

Melinda Lyon

TREASURER

Maureen Kenney

EDITOR

Mary Glassman

Jennifer Miller

PHOTOGRAPHER

Lilian Darling Holt

WEBMASTER

Pam Distaso

FROM WARBIRDS TO ROCKETS!

by Ceci Stratford



Lilian Holt poses with future astronauts.

Students from Oaks Christian School in Westlake Village took an exciting look into Space, the past, the present and the future, at the school's "Symposium 2006 – In Pursuit of Space" on February 28.

The SoCal Wing of the CAF represented the past with their exhibit of artifacts and models from our World War II Aviation Museum. Representatives from NASA, JPL, Boeing, Rocketdyne, the Traveling Space Museum and The Ninety-Nines brought the students up to the present and the future.

Ninety-Nines Bertie Duffy, Lilian Holt, and Ceci Stratford, along with 49 ½ Chuck Kamphausen, participated with the Traveling Space Museum's modules. Ceci coordinated with the school and supplied them with bios and photographs of The Ninety-Nines' members who helped.

continued on page 3

CHAIRMAN'S MESSAGE

We had a surprise when we entered the Airtel this month. There is a new snack/coffee bar in the lobby where Amelia's used to be. If you are late or just want to try something different you might check it out prior to a meeting. The table will still be set up for us in the dining room.

continued on page 2

The San Fernando Valley Chapter of the Ninety-Nines was founded on February 1, 1952. The mission of the Ninety-Nines is:

- To promote world fellowship through flight.
- To provide networking and scholarship opportunities for women and aviation education in the community.
- To preserve the unique history of women in aviation.



Rose of Achievement

A big congratulations to past-Explorer Erin Thorpe, who passed her private pilot checkride on January 26! She earned a Rose of Achievement at February's Chapter meeting. Erin is in the Navy ROTC program at Purdue University, and will soon to be a member of The Ninety-Nines and the SFV Chapter!

continued from page 1

As you have heard, we have a new Aux Tank editor. Thanks so much to Mary Glassman and to Jennifer Miller who signed on as co-editors. Get your news to them as soon as possible each month – I know they will do a great job.

We will have a speaker at the April meeting from the fire department. She will talk to us about emergency preparedness – something we all need to be aware of. This will be an open meeting so your guests are welcome.

We have set a date of June 17 for the awards luncheon. Leslie Dinius is checking out the Marie Callender's restaurant in Northridge as a possible site. More on this later.

At the B-17 event, we will have a booth at Syncro on April 15 and will sell drinks and ??? – open to suggestions.

Julieann Sikora is working on a date in July for the summer potluck. More on this later.

See you all in April.

--Bertie Duffy

B-17 Flying Fortress

The EAA's WWII B-17G Flying Fortress is coming to Van Nuys Airport in April. The Chapter has purchased one ticket for a ride on the B-17 to be used as a fundraiser. The ride will take place on **Saturday, April 15, 2006 at 10:15AM**. A donation of \$5.00 can be made to the Chapter for an opportunity to win this ride (a \$20 donation receives five opportunities). Donation tickets may be downloaded from the Chapter's website. Be sure to ask your family, friends and co-workers if they would like a ticket! The drawing will take place on Monday, April 3 at the Chapter Meeting. The winner need not be present to win.

Young Eagle Pilots Needed

The EAA will fly Young Eagles on April 15 during the B-17 event. Pilots are needed and must be a member of EAA. The EAA Hotline is (818) 725-4247 (if no response, contact Ruth Logan).

Guests

Susan Robb, friend of Melina Lyon, and Desiree Guzman, flight attendant and future pilot, were guests at the March Meeting. Welcome! We hope you can join us again.

Did you know...?

Chapter member Jan Wood has been a member of The Ninety-Nines for 50 years! Congratulations Jan!

March Membership Anniversary

Happy Anniversary to our SFV members!

1956	Jan Wood
1974	Michele Albiez
2001	Linda Hernandez
2003	Marilyn Perna
2004	Linda Worden
2004	Mary Becquet
2004	Pam Palmieri



Ceci Stratford poses with certificate from the California Senate.

continued from page 1

The day of the Symposium started out bright and clear. Docents and volunteers were treated to a continental breakfast before the festivities started. Everyone was given a beautiful program brochure that outlined the event and presented bios of speakers and volunteers.

The school is next to Calvary Church, which has the biggest auditorium in the area (it seats 2800 people) as well as state-of-the art audio-visual equipment. After viewing clips of Hollywood movies about space and the IMAX movie "Space Station," the keynote speaker took the podium. Dennis Tito, the first paying civilian in space, told us about fulfilling a life-long dream of going into space. It was inspiring to adults and students alike.

Then the students (middle school and high school), in waves of 300, started visiting the exhibits and booths. In the gym were

booths highlighting space food, rocketry, astronauts, careers, the sun, astronomy, a Mars rover, and others.

The Traveling Space Museum modules were outside in the Quad. These modules included an Orion mini-shuttle flight simulator, a lunar utility vehicle (where Chuck helped), a UFO spaceship, a space station lab mockup with a mission control console (where Lilian and Bertie worked), and a space toilet. Guess who got to show the kids how astronauts go to the bathroom in space? Yes, Ceci!! (It turned out to be the most popular exhibit of the day!)



After 900 kids finished participating in the Symposium, the school treated the volunteers to a lunch and thank you farewell.

It was inspiring to be a part of such a well-organized event. The students were absolutely well behaved and sharp; the teachers, just as interested. I know we made a difference in these kids' lives, in showing them how the past (World War II) has contributed to our Freedom and our future and what the

present and future hold for us in space and the cosmos.

Helping Others Helps the Chapter



Ivor Dawson presents a donation to the Chapter.

Ivor Dawson of the Traveling Space Museum was at the San Fernando Valley 99s March Meeting to present a substantial check to the Chapter for its fundraising efforts at New Academy – Canoga Park on February 2, Raytheon – El Segundo on February 20, and Oaks Christian School – Westlake Village on February 28.

Each SFV99 member who assists in the Traveling Space Museum presentations, at each event, earns a monetary donation for the Chapter.

The Traveling Space Museum organized by Ivor Dawson brings the "Space Museum" experience into schools and the community.

Happy Birthday!

March 1	Mary Becquet	March 21	Jan Archibald
March 2	Ceci Stratford	March 21	Linda Worden
March 11	Kathy Smither	March 24	Sylvia Sanderson
March 14	Natasha Pavlova-Ferrand	March 27	Jennifer Mindock
March 15	Lynette Williams	March 30	Maureen Kenney

**Next Meeting:
Monday, April 3**

**Guest Speaker on
Emergency
Preparedness**

Election of New Board

At the March Meeting the Nominating Committee proposed the Slate of New Officers for the 2006 Year. If you were not at the meeting, you should be receiving your ballot soon. Only those members who have paid their dues are eligible to vote. So if you did not receive a ballot and think you have paid your dues, please contact our Treasurer Maureen Kenney at mkenney@sdsio.jpl.nasa.gov. Please remember to get your ballot back to Susan Theurkauf by April 15.

--The Nominating Committee

March Fly-In

The SFV99s Fly-in this month will be the Antelope Valley 99s 16th Annual St. Patrick's Day Poker Flight on Sunday, March 19th. Event details may be found at www.freewebs.com/av99s/. The AV99s put on a great Poker Flight and the BBQ is delicious. There is always a good turn-out and lots of prizes.

If anyone has an extra seat in their plane, please let Ruth Logan (828) 364-1224 or Jeanne Fenimore know (818) 893-5806 (I think everyone has our numbers) – we have Explorers and SFV99s looking for rides.

--Ruth Logan & Jeanne Fenimore

Standing Rules Changes

At the May 2006 Meeting we will be voting on the new Chapter Standing Rules. We are proposing quite a few changes. The Proposed Standing Rules are posted in the Members Only Section of the Chapter Web Site www.SFV99s.org. Please look at them and feel free to make any comments to jeannefenimore@earthlink.net. If you have trouble getting into the Members Only Section please contact Pam Distaso or Jeanne Fenimore.

--Jeanne Fenimore
Standing Rules Chairman

Aerospace Education Competition

This is just a reminder that we are in the last few weeks of the SWS Aerospace Education competition which runs from April 1, 2005 to March 31, 2006. Please look through your log books and calendars and let me know what you have been doing. A list of activities that count and a reporting form are posted on our Chapter web page, or you can just drop me an email. Please do not wait until the last minute. Thanks!

Kathy Smither
(818) 845-6914
twopilots2@mindspring.com

So What's All the Flap About? – or... “This Lift Is Really A Drag!”

No doubt you studied about wing flaps when you were in ground school and have learned their practical applications as you have flown. But if you're like me, you don't really think about them all that much – unless they suddenly quit working. Hmmm. In the course of our flying (unless you fly a Cessna 120, which doesn't have any!), especially when landing and maybe even when taking off, we use wing flaps. We use them when flying slowly. Sadistic instructors that we fly with from time to time may even tell us to land without them (oh bother!). This month, I thought I'd review a few things about wing flaps.

The shape of the wings of the planes we fly is a highly refined design. This design evolved

out of a lot of trade-offs that give it optimum lift and minimum drag while also providing aerodynamic stability (vs. the instability of a fighter jet wing, which needs to be highly agile in the sky). Our wings work very well at high cruising speeds, but there are times when we could use a little help with flying at slower speeds. That's where flaps come in. When we deploy our flaps, they effectively change the shape of our wings. The wing shape becomes one that creates more lift at slower airspeed. Of course, this is a feature that adds to safety. (Aha! Now we know why she's writing about this. ☺) In addition, the flap also acts like an air brake, adding drag/resistance that will enable us to descend quickly without building up additional airspeed.

continued on page 6

PPT

Thank you to Dolores Mathews and Jeanne Kirhofer for their years of commitment to the Pilot Proficiency Training (PPT) program. With their persistence and member involvement, the Chapter has won the Southwest Section PPT Award for a number of years. Kathryn Presson has graciously volunteered to take over the Chairmanship. Thank you Kathryn! Chapter members need to submit their PPT forms (located on the Chapter's website) to Kathryn and keep up the good work.

Members on the Move

Three Chapter members have recently moved out of state. Carol Scanlon is living in Florida and Lois Peck has moved to Arizona. Pam Palmieri is moving to Michigan this month. We will miss you at Chapter meetings and local aviation events. We wish you well in your new homes and hope to see you soon!

Get Well Soon

Laura Ricks had surgery and is doing well. She will be starting chemotherapy on March 13.

49-1/2 **Floyd Matthews** has returned home after hip surgery and is doing well.

Doris Minter had knee replacement surgery on March 10. She will be in rehab for one week.

Gene Thom, 49-1/2 of Shirley Thom (past member), had surgery and is recovering at home. Send cards to 45 Eagle Claw Court, Reno, NV 89523.

The Chapter wishes you a speedy recovery!

Please send cards to home addresses unless otherwise noted.

continued from page 5

First of all, flaps initially increase lift. Remember your instructor telling you to keep the nose of the airplane from coming up when you add flaps? It may be such an ingrained habit now that you don't really notice. Also, if you apply them in small increments – most of us have 10°-20°-30° increments - and you don't have manually operated flaps which allow you to apply a lot of flap quickly, the effects of the momentary lift increase may not be so noticeable. It's there, however, and can be put to good use. Of course, you also need to remember that as you retract the flaps, you will lose some lift until your airspeed increases to compensate.

There are some aircraft that do have air brakes. Sail planes have them because their wings are designed to be so clean and efficient that they need extra help to spoil their lift when landing. Commercial jets use wing

spoilers in the air and on the ground to kill any residual lift and help them get rid of their momentum. The first time I ever saw these, I thought the wing was coming apart! I've even seen an aftermarket kit installed on a Cardinal that has a number of very small metal plates that pop out of the upper wing surface and act as air brakes. Landing at slower speeds is safer than landing at faster speed (obviously!). Flaps lower your stall speed and enable you to approach and land at a lower air speed resulting in lower ground speed and less runway distance needed.

One additional effect of flaps is that they will enable you to increase your descent angle without picking up additional (and unwanted) airspeed. If you find yourself a little high on final, you can push the nose of the airplane over a little further and not gain as much airspeed as you would if your wings were in their normal configuration.

This can be quite useful if you have miscalculated a bit, or if you are staying high for noise abatement or some other reason.

Next time you're doing your pre-flight, don't skip the item that says to check the flaps. You'll want to make sure they have enough lubrication, that the attachment bolts aren't too tight or too loose, and that the flap motor (assuming your plane uses one) sounds like it's operating properly - not making abnormal grinding noises, or running too slowly. Also, sometime soon when you fly, it might be interesting to review the difference flaps make in your stall speed.

Have a safe flight!

Claudia Ferguson, Safety
Chairman
San Fernando Valley 99s
Aviation Safety Counselor
© CK Ferguson 2006

VNY Air Fest 2006

The Van Nuys Airport is going to be celebrating aviation history on Sunday, June 11, 2006 from 9:00 a.m. to 5:00 p.m. The show will honor the Southern California Chapter of the Commemorative Air Force. It will feature displays of rare historic aircraft, plus live band performances, skydiving demonstrations, exhibits and ground attractions. Our Chapter has been asked to Co-host the event with the airport, which we have agreed to do.

We have also decided that we will have an exhibit at the event, and Ruth Logan has agreed to chair it. She is going to need some volunteers to help her so please let Ruth know what hours you can be there. This will be a fundraiser for the chapter so we would like all of you to help.

--Mary Glassman and Golda Neuman
Co-Chairman

Chapter Awards Applications Ready!

If you have logged hours this past year or have been active with Chapter and aviation activities, then you need to fill out an application for one of the awards listed below.

Don't be shy, you deserve it!

Woman Pilot of the Year / Rookie Pilot of the Year

Ladies, you are now able to download (thanks to Pam Distaso) the Woman Pilot of the Year and Rookie Pilot of the Year applications from the Chapter's website (www.sfv99s.org). Please check the dates of compliance – WPY requires membership for the last two years and Rookie requires membership for one year. Grab a calendar, and pencil in some time to work on the application. You have until May 15 (postmarked by) to turn in your form. Contact Jeanne Kirhofer or Ceci Stratford if you have questions. Go for it!

Trixie Ann Schubert Memorial Service Award

Trixie Ann Schubert was a SFV 99 whose memory is honored by this award for service to the Chapter and aviation. The 2006 application is now available on the Chapter's website in the Forms section. To be eligible for this award you must be a member of the International 99s and the San Fernando Valley Chapter since May 1, 2004. Activities counted for the 2006 award are those occurring from May 1, 2005 through April 30, 2006. Completed forms must be postmarked or handed in to Jennifer Miller by May 15, 2006. Please contact Jennifer Miller or Maureen Kenney if you have any questions.

Awards & Installation Luncheon

Save the date of June 17, 2006 for the Chapter's Awards and Installation Luncheon.

Career Scholarship

Career scholarship applications are now available on the Chapter's website for 2006. If you know of someone who may be interested please pass on this information.

Three thousand dollars are available to any male or female US Citizen, 21 years or older and living in the Greater Los Angeles Area, for the advancement of their aviation career (such as, but not limited to, CFI, A&P, Airport Management). Ninety-Nines and family members are not eligible for this award.

Applications must be post marked no later than April 23, 2006

--Jeanne Fenimore & Melinda Lyon
Co-Chairman

2005 Winners

Woman Pilot of the Year
Ceci Stratford & Marilyn Perna

Rookie Pilot of the Year
Anne Marie Radel

Trixie Ann Schubert
Maureen Kenney

Endowment Fund Raffle

The 99s Endowment Fund is raffling a luxurious 3 day spa package at the Westin La Paloma Resort and Spa in Tucson. The tickets are \$10 each or 3 tickets for \$25. I have only 3 tickets left. If you want to try your luck, send me your check. The drawing will be held at the International Conference in Washington, D.C.

--Bertie Duffy

April Meeting

A guest speaker from the fire department will be at the Chapter's April 3 Meeting to talk about personal and home emergency preparedness. Please bring guests to the meeting to learn about this important topic.

Join us for dinner at 5:30 in the main dining room of the Airtel prior to the 7:00 meeting.

Sales Table

Remember to bring in items for the sales table at the Chapter Meeting. All proceeds are donated to the Chapter.



Melinda Lyon, Lorrie Blech, Kathy Crawley & Susan Theurkauf model neck pillows for sale at the March Meeting.

Airplane Quilt

Congratulations to FWP Leslie Dinius for winning the quilt drawing at the March Meeting. Thank you to Susan Theurkauf and Michele Albiez for donating the beautiful quilt for the fundraiser drawing.

Calendar of Events

Date	Event	Reference
March 19	Chapter Fly In: Antelope Valley 99s Poker Flight	Jeanne Fenimore or Ruth Logan
March 23-25	Women in Aviation International Conference	Nashville, TN
March 25	Rio Colorado Chapter Air Race	Southwesterly Newsletter
March 27	SOP Meeting	Mary Glassman
April 3	Open Chapter Meeting - Speaker "Home and Personal Emergency Preparedness" Dinner in the Main Dining Room	VNY Airtel Plaza --- 7:00 pm As early as 5:30 pm
April 4-10	Sun 'n' Fun	Lakeland, FL
April 15	B-17 Flying Fortress Event and Young Eagles	VNY Syncro EAA-hotline- 818-725-4247
May 1	General Chapter Meeting Dinner in the Main Dining Room	VNY Airtel Plaza -- 7:00 pm As early as 5:30 pm
May 12-14	Spring Southwest Section Mtg	Minden NV
June 5	General Chapter Meeting Dinner in the Main Dining Room	VNY Airtel Plaza -- 7:00 pm As early as 5:30 pm
June 17	Awards & Installation Luncheon	TBD
July 5-9	International Conference	Washington DC

www.sfv99s.org (San Fernando Valley 99s)
www.sws99s.org (Southwest Section)

www.ninety-nines.org (International)