

FLIGHT BOVINE

THE PUBLICATION OF THE WINGS OF ROGALLO
NORTHERN CALIFORNIA HANG GLIDER ASSOCIATION
VOLUME 101, NUMBER 04, APRIL 2001



The fabulous Swimsuit Issue! ..

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The Editor's Turn

Here it is, the *Fabulous Swimsuit Issue!* Hot models! Hot fashions! Hot flying sites! Just in time for the spring season!

This year we've decided to enter the Digital Age! Yes, this year, in a unique innovation, available only in the *Flight Line*, we're sending the special swimsuit section via CD-ROM! That's right, 650-MB of wild JPEGs and MPEGs to start the year right. (NOTE: Due to mailing costs, it is possible that a few of you might not receive this special CD-ROM with your issue. If this happens, you can check out our special Swimsuit Issue Web Site at <http://www.irs.gov/>).

We've got some interesting events coming up over the next few months. There will be a *Fly-in at Dunlap*, April 20-22. Read about it in this issue of the *Flight Line* or check out the **MCHGA** Web site at <http://home.pacbell.net/rpchin/mchga.htm>. It sounds like it could be fun!

Better yet, the **WOR** is planning to hold the *New Silent Airshow* at Ed Levin Park at the beginning of June! For those of you who don't remember, the old *Silent Airshow* used to be a great event: a good crowd, good publicity, and lots of fun. It finally faded away due to lack of volunteers. Details are still being worked out, so cross your fingers, drop by the club meetings, check the club Web site, and hey, if you want to volunteer...

On a more solemn note, we heard that long-time **Wings of Rogallo** member *Seth Anderson* passed away on April 3. Seth was a member of our club since the old days, and he was involved in aviation since the dawn of time. He was a good pilot, a friend, and he'll be missed. If you have any stories or memories of Seth, why not bring them to the next meeting.

March 2001 Meeting Minutes by Paul Clayton

NEW MEMBERS/GUESTS

Janet Williams - driver extraordinaire, often seen at Diablo
Ann Sasaki - President of BAPA
Mark Baderis - BAPA member

GREAT FLIGHTS

Eric Heinrichs - soared with birds at Mission.
Dave Bingham - reached 6000' in his powered sailplane; flew to Diablo from Reid Hillview

PRESIDENT'S REPORT - Mark Mullholland

The Paul Hamilton speed gliding video will be done in a couple of months. A planning meeting for the *Red Bull Meet* will be held tomorrow. The meet is planned for the first week in June. Federal insurance regulations may be changed to exclude claims resulting from "high risk" sports. Information on this issue will be on the website. In the San Diego area, some LZs are being closed due to public acquisition of the land. Info on this issue will also be added to the **WOR** website.

VICE PRESIDENT'S REPORT - John Wilde

The address of the San Diego club will be on the **WOR** website, for those who want more information on the LZ issue.

TREASURER'S REPORT - Don Jones

Overall cash flow for 2000 was slightly negative.

MEMBERSHIP COMMITTEE REPORT - Carmela Moreno

We have 377 paid members for 2001.

FLIGHT DIRECTOR'S REPORT - Russ Locke

No incidents to report.

ED LEVIN SITE COMMITTEE REPORT - Steve Pittman

40 people showed up for the walkover work party, and the walkover is now complete. The cows have gotten out in spite of the walkover, so a grate will be added. The windtalker has been repaired by Randy Tribe, and several others. George Morford has installed flyer boxes at the walkovers. There were no suspensions last month.

MISSION PEAK SITE COMMITTEE REPORT - Steve Rodrigues

A new gate is planned. The gate will be double wide, and set back from the position of the current gate. Mark Grubbs is changing the locks. Juan Laos volunteered equipment for the gate project.

MT. DIABLO SITE COMMITTEE REPORT - Robert Moore

Thanks to Bob Trumbly, the former chairman. The insurance issue is resolved, and the site is open. The flying conditions have been good so far this year.

NEWSLETTER - Paul Gazis

There may, just possibly, have been a few spurious entries in the latest newsletter.

COMPETITION COMMITTEE REPORT - Mark Mullholland

The rules for the 2001 X-C contest, and results of the 2000 contest, will be published in the newsletter.

OLD BUSINESS

Gene Pfifer reported that the county has acquired land that could be used for new sites.

A proposal for an east facing launch at Mission will be prepared by the site committee. Mark Mullholland reported that the **WOR** T-shirts are in.

NEW BUSINESS

A joint flyin, including **WOR**, **BAPA**, **Sonoma Wings**, **Marin County HGA**, and probably others, is planned for Dunlap on 4-20 thru 4-22.

Russ Locke proposed that there be an interclub competition at Dunlap, and volunteered to organize it.

\$150 was allocated for "refreshments" for the Dunlap flyin.

Mike Vorhis reported that he would like to organize competitions for a broader range of pilots than typically compete in existing comps. He will be writing a newsletter article on the *National Sport Flight Conference*, which is intended to rank pilots based on their performance in club meets.

Mission keyholders were asked to stand and introduce themselves.

Michael Briganti displayed a proposed logo for **WOR** T-shirts, and solicited ideas from the membership.

The Gavel was passed to president-elect Steve Rodrigues.

END OF MEETING MINUTES

Test-Flying the New Holstein 3!

by D. Pigpen

The *Holstein 3* is the new competition cow from *Lactose International*. Available in 1900, 2100, and 2300 kg sizes, it sets the performance standards for cows. I recently had an opportunity to

graze one of these cows. Here are my impressions.

Construction

With its slick muscle and hide construction, the *Holstein 3* is an impressive cow. The cowframe incorporates all the latest design innovations and the hidework lives up to the standard we have come to expect from *Lactose*. I was particularly impressed by the udder. At 27 gallons, it is much larger than most competing udders, and its unique spring-loaded teats should reduce drag give a significantly better graze.

Setup

Modern cows are more complicated than their predecessors, and the new *Holstein* is no exception, but *Lactose's* new cow has several design innovations that make setup easier. The special horn insertion tool makes inserting and tensioning the curved horns a snap, and with only 5 teats per udder, you'll spend less time setting up and more time grazing!

Launch and Landing

The *Holstein 3* is a cinch to launch. Static balance is excellent, and the cow lifts off your shoulders after only a few thousand steps. Like all modern high performance cows, landing the *Holstein* can be a bit tricky, but the flare window (like most other things about the *Holstein*!) is extremely broad, thanks to the rear-mounted shoulder location and strongly raked forelegs.

Performance

No doubt about it, the *Holstein 3* can graze with the best of them. It's predecessor, the *Holstein 2*, has dominated speed-grazing competitions in recent years, and it looks like the *Holstein 3* will continue this tradition.

Stink rate is harder to measure, but with its efficient digestive system, the *Holstein 3* makes it easy to deal with booming vegetation, and at the end of the day,

in weak forage, I was always at the bottom of the pasture.

The Cud

What about the cud, you ask? The cud is a *Lactose* design innovation intended to improve digestive efficiency. By regurgitating and masticating partially digested food before returning it to the stomachs, the *Holstein* is able to extract more nutrients without the penalty of a long intestinal tract. I predict that in a few years, every manufacturer will offer cud,

Conclusion

The *Lactose Holstein 3* is an impressive new cow that should set the standard for herbivores. Excellent construction, ease of grazing, and impressive milk production should make it the cow of choice for casual recreational farmers and serious competition dairies alike. I expect it to make a good showing on the international milking circuit over the next few years!

[Incredible though it may seem, this story is true!]

The Flight Line

Believe it or Not!

by Paul Gazis

Recently, a pilot [whose name shall be withheld to protect the innocent] took off from a site [the name of which shall also be withheld] on a good soarable day. After a long and satisfying flight, the pilot landed and broke down his glider to discover... that his parachute... and its attached BRS... was... missing...

The pilot insisted, and there is no reason to doubt, that the parachute and BRS were present, and attached to their harness before launch.

Even stranger, the parachute and BRS were later located and recovered, via rented helicopter,

somewhere below launch.

There's a moral here somewhere... but I don't have the slightest idea what it may be...

Dunlap Fly-In, April 20-22 by the Marin County HGA

Hello Pilot,
Consider yourself invited to this month's spring

Dunlap Fly-In

Where: Dunlap Flight Park
When: April 20-22 (Fri-Sun)
Who: MCHGA, Sonoma Wings, BAPA, Fellow Feathers, WOR
What: Bring your wings, food, drinks, camping gear, musical instruments, friends, birds... feathers...
How: Strap yourself in and run like hell!
Cost: Camping/flying rates charged on per day/night basis
Camping: \$15/campsite a night for two people
\$23/campsite a night for four people
\$5 per additional person & \$3 for the 4th person
Flying: \$10 / person / day
Day use: \$5 / day

Ratings and Requirements: Intermediate rated USHGA Pilots (Para III, Hang III)

Donations:

Any and all donations for the event would be most appreciated. Please contact your respective club coordinator who will be collecting donations.

Details:

Everyone from all clubs who holds an USHGA rating of a P-III or Hang-III is invited to the fly-in. Dunlap is a moderately advanced flying site with the potential for great thermal action. There is a campground with run-

ning water, showers, restrooms and many other amenities. Plan on coming for the weekend and flying. There will be no organized shuttle arrangement so we must all rely on each other and our vehicles for transportation to and from Launch. Also, there is a possibility that the road to launch will only be open to 4-wheel drive vehicles, depending on the weather. As a result, we would like to ask everyone who has a four wheel drive vehicle to please bring it for the weekend if possible.

Activities:

We are planning on having at least a spot landing contest with prizes awarded. We may organize some other events and challenges in the next week or so.

RSVP

We really would like to get an official head count, so please reply as soon as you can. Please send confirmation requests to your respective club organizer listed below:

MCHGA: John Davis
mchga@hotmail.com

Sonoma Wings: Ernie Camacho
Dr_Z@compuserve.com

Wings of Rogallo: Steve Rodrigues
SRSkypuppy@aol.com

BAPA: Chris Jones
chrisj@unlimited.net

Fellow Feathers: Mike Carlyle

Directions

40066 Millwood Rd. snail mail:
P.O. Box 31 Dunlap, CA 93621
(559) 338-0606

(1) Drive south on highway 99 to Fresno.

(2) Exit Jensen Ave. (Jensen Ave is two miles south of Highway 180).

- (3) Turn left (east) on Jensen Ave. Landmark: Texaco Food Mart.
- (4) Drive 12.0 miles. Turn left on Academy Ave. *Landmark: Jack-In-The-Box.*
- (5) Drive 1.9 miles. Turn right on Kings Canyon (Highway 180). Landmark: ARCO Mini Mart.
- (6) Drive 5.8 miles. Turn left again on Kings Canyon (Highway 180).
Landmark: Fruit Stand.
- (7) Drive 17.3 miles. Turn right on Dunlap Rd. Landmark: Kings Canyon Mobilehome Park.
- (8) Drive 3.8 miles. Turn left on Millwood Rd. *Landmark: Red house with white trim.*
- (9) Drive 0.3 miles. Look for Gray Dome House on left.
Landmark: Pilots, Trucks, Gliders, etc.

Register in the Gray Dome House to fly and camp at Dunlap Flight Park.

Walkovers Rebuilt, but Another Work Party is Needed

by Steve Pittman

About fifty people participated in the walkover work party on March 3. The club owes a special thanks to Dick Cochran, who surveyed the site, suggested a design that could be built by unskilled labor, and ordered all the materials & delivered some of them. The new walkovers cost the WOR \$1100 and about 200 man-hours of labor. The new walkovers look great and work great - for people, anyway. The bad news is that the cows like the lower walkover, too. They escaped down Minnis Road and were discovered grazing on the Green (someone visiting the rancher left the gate open at the foot of Minnis Road) a few days after the walkover was rebuilt. But we have a plan to discourage them.

We are planning another work party for Sunday, April 22. We will remove the double row of railroad ties at the top of the walkover. We will then excavate a hole 9 inches deep behind the top step. The base rock we excavate we will add to the existing pile of surplus base rock. We will lower the railroad tie forming the top step an amount equal to the grating thickness (1 inch?), so the grating on top will not increase the step height. We will use two of the four railroad ties from the removed double row to line the roadward side of the hole, with a gap of three feet between the two pairs of railroad ties. We will then put a grating on top of the railroad ties spanning the gap between them.

To join the work party, meet Steve Pittman at the walkover at 9:00 AM.. Please bring:

Wheelbarrows & shovels to move base rock and tampers to pack the base rock down.

Earth moving equipment (shovels, picks, mattocks, etc), including breaker bars and crowbars to pull up the railroad ties that are staked down with three-foot sections of pipe.

Eye protection.

Garden hose. We need to run water several hundred feet up from the horse trough just outside the LZ fence near the Minnis Road gate. We will need multiple lengths of hose.

John Patterson, Maintenance Supervisor at Ed Levin, will lend us a battery-powered drill to put new holes in the railroad ties to fasten the grating down.

When you see them, please thank the following people for the great job they did rebuilding the walkovers on Saturday, March 3: Ross Bishop, Dick Cochran, Mike Cox, Rob Crafts, Rick Dumlao, Steven Foote, Mike Foy, Greg Free, Mercury Freedom, Mike Gomes, Don Herrick,

Don Jones, Ryan Kimber, Greg Knepp, Joe Kurtz, Nick Leavy, Jim O'Neill, Joseph McEneaney, Dai Middleton, Carmela Moreno, George Morford, Mark Mulholland, Ken Petrochko, Rex Runyon, Ken Seeds, Jeff Stine, Dave Stoltz, Randy Tribe, Bob Weiss, Bill Wheelock. I know there were some others whose names I didn't get, too.

March Ed Levin Site Report

by Steve Pittman

On March 11, Randy Tribe repaired Debbie the Windtalker and replaced the windsock on top, with help from Ken Petrochko, Bob Weiss and Daniel Tessier. When you see them, please thank them all.

George Morford has installed additional flyer boxes on the parking lot walkover. The boxes will soon be stocked with Observer guidelines and emergency procedures. Thank George when you see him.

The Santa Clara County Parks & Recreation Department (SCCPRD) has renewed our hang gliding Special Use Permit for the year.

The SCCPRD is engaged in an on-going strategic planning process. Meetings are open to the public. The next meeting is on April 18. Gene Pfeiffer is attending the meetings with an eye toward getting Bald Mountain opened to hang gliding and/or paragliding. If you wish to help Gene by attending the meetings to increase pilot presence & participation, please contact him at GeneP10302@AOL.com.

Ed Levin Park will host a *Fishing in the City* clinic Sunday, May 20. The Park will not be closed, but parking may be limited. See

<http://www.dfg.ca.gov/coned/fishcity.html> for more information.

Hang gliding pilot suspended

Saturday, March 24, was a great soaring day at Ed Levin. Sunset that day was 6:24 PM and the site closing time posted on the gate was 5:00 PM. A Blue Sticker pilot who didn't want to miss the fun drove up the hill alone late in the day. He landed just before 5:00 PM, leaving far too little time to retrieve his vehicle. The ranger involved allowed him to retrieve his truck before closing the park. He has been suspended for a month.

If a **WOR** member allows insufficient time for a retrieve in the future, the rangers may insist that the vehicle be locked in the park overnight. The same thing will happen if rain wets the road before a vehicle is retrieved. There was a significant risk of that on March 24, as rain was imminent. It is far too dangerous to drive a vehicle down the road once the rain starts. Your vehicle may be inaccessible for several days, until the road dries out enough to retrieve it.

Your aircraft must be on or in your vehicle and your vehicle must be out of the landing area parking lot by the closing time posted on the vehicle entrance gate to the landing zone. Some pilots think that they can avoid the site closing deadline by breaking their glider down on the green. Pilots will be automatically suspended for such behavior. Please note the closing time posted on the gate as you pass through it. We hate to suspend people.

Seth Anderson, 1918-2001

Seth Anderson, long time Wings of Rogallo member, passed away April 3, 2001. Seth was involved in aviation since the dawn of time. He joined NASA more than 60 years ago, back when it was still known as the NACA. He was a member of WOR since the early days, and was famous for celebrating his birthdays with flights off Yosemite. He was good pilot, a friend, and he will be missed.

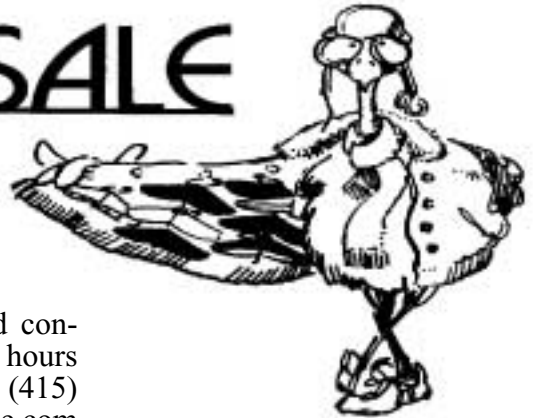
If you have any stories or memories of Seth, why not bring them to the next club meeting.

Fly high, Seth.



Seth Anderson launching off Yosemite in 1997 to celebrate his 79th birthday (photo courtesy of the NASA Ames Public Affairs News Release and Picture Archive)

WINGS FOR SALE



Wings for Sale

(Ad policy: ads run for 6 months, then are cancelled automatically unless they are renewed. Ads are free to WOR members)

Flexwings

Aeros Stealth 2 151 (Fresno area) Excellent shape. Only flown inland. A little over 1 yr old. Very fast and handles excellent. Pictures at: <http://www.geocities.com/skygodmatt/stealth.html>. \$3000 obo. Call Matt Potter (559) 243-1831

Aeros Stealth 2 12m (Seattle area) Purple with bright yellow wing tip. Took first place in three speed gliding qualifier meets, and was part of the US Women's Bronze Medal Team. Less than 25 hours. \$3200 obo. Call C.J. Sturtevant, (425)-888-3856, georges@nwlinc.com

Aeros Stealth 2 151 (late 1998), Matrix cloth, climbs great, very fast, billboard glider, white LE, red and blue undersurface, must sell. Additional sail and 2 extra dtubes. \$2900 obo. Call Reto at (916) 804-4063, reto_s@yahoo.com

HP-AT 145. Approx 150 hours (or less). Good cond. Orange-light green-white. 6 hrs airtime since last super preflight and flying wire change. Spare dtubes. \$800 obo. Call Weegie (510) 649-8181, weegie@lightroom.com

HP-AT 158. Orange/Red, Approximately 400 hours airtime. \$800. Call Steve at (415) 385-0423, swerthei@us.oracle.com.

HP AT 158. Great shape, new side wires, spare dtubes. Photo <http://www.sirius.com/~mlbco/class.htm> \$1000. Contact Rick at rickcav@earthlink.net, (650) 961-7825 ext 345.

HP-2. Blue/Turquoise, Good condition, Approximately 300 hours airtime. \$400. Call Steve at (415) 385-0423, swerthei@us.oracle.com

Wills Wing Spectrum 165. Excellent condition Includes UV bag, ladder rack, straps, etc. Great beginner/intermediate glider. \$2250, Call Roger at (408) 882-0382 (w) (408) 224-1815 (h) rohng3@aol.com

WillsWing Sport AT 167. Florescent green LE, black, yellow. Good condition. \$1000. Call Roy 408 985 2810 netedtec@pacbell.net

Wills Wing Super Sport 153. Very good condition. \$800. Call Mercury, (408) 353.2383. MercuryFly@aol.com

Wills Wing Supersport 163. Original owner, mint condition, many extras. Just want to see it in the air again, only want 1/2 value, asking \$1200. Call Tom (408)747-0414 lv msg.

Wills Wing XC 155 Fair to good condition \$400. Call Russ (408) 737-8745

Paragliders

FreeX Spear (L), violet/white. Approx. 150 hours. Still covered by FreeX 300 hours guarantee. One of the most responsive DHV 2 gliders around. \$900 obo. Call Steve Thorpe (408) 435 2600 ext. 506 (w), (408) 260 7029 (h), thorpes@arklogic.com

Equipment

20 gore H.G. parachute with swivel. Never used and in excellent

condition. \$100 or obo. Call Rick at (408) 224-4378, sport@one-main.com

Apco Top Secura Harness with kevlar backplate and CO2 air-bag protection. \$200 obo. Call Steve Thorpe (408) 435 2600 ext. 506 (w), (408) 260 7029 (h), thorpes@arklogic.com

CG 1000 harness for 5' 5" - 5' 8", \$200. **22-gore High Energy reserve**, bridles for both hang and paragliding, \$200. Call (510) 787-6867 Cage2usa@aol.com

Tangent flight computer, \$500, Call Reto at (916) 804-4063, reto_s@yahoo.com

Vehicles

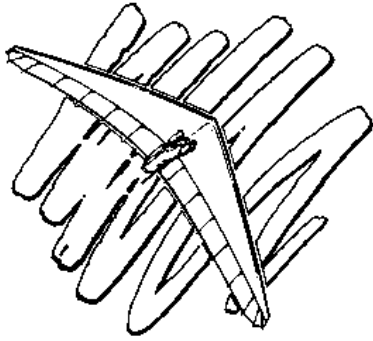
1987 Chevy Suburban 4WD, 350 V8 1/2 ton, excellent cond. Comes with glider rack and 2m radio, \$8000 obo. Call (408)-288-6607.

Lost and Found

Found at Ed Levin 1-April-2001: Helmet. To claim, contact Dave Bakke (650) 572-8134 avbakke@hotmail.com and describe the helmet and where you left it.

Found at Ed Levin in 2000: Small bag with Harbinger gloves, Sony Sports AM/FM Walkman, & other stuff. To claim, call Steve Pittman at 925-277-5080 and tell him what else is in the bag.

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*Wings of
Rogallo*

FLIGHT LINE

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The next Wings of Rogallo Meeting will be held
Tuesday, April 17.
at the Summit Point Golf Club in Milpitas near Ed Levin Park
Check the Wings of Rogallo WWW Page
<http://www.wingsofrogallo.org/meetings.html>
for details and directions.