

# FLIGHT LINE

THE PUBLICATION OF THE WINGS OF ROGALLO  
NORTHERN CALIFORNIA HANG GLIDER ASSOCIATION  
VOLUME 00, NUMBER 01, JANUARY 1900



Chanute Wings announces the control frame version of the Century hybrid wing for 1900

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## The Editor's Turn

It's the Year 2000! Cool! After all those childhood cartoons, all those old science fiction movies, and all those old cliches from the days BHG (Before Hang Gliders) I just can't help looking around every now and then and think, "Gee, it's the Year 2000! Cool! But where are all the flying cars? The household robots? The private space yachts?"

On the other hand, none of those old science fiction movies ever predicted hang gliders or paragliders, so I think we came out ahead!

So... how many club members encountered Y2K problems? Did any club members encounter a Y2K problem? Did any altimeters read 10,000' too low? Did any variometers fail, GPS units go kaput, radio transmitters lose their memories? Bit of an anticlimax, wasn't it?

We had another incident at Ed Levin last month. Details are reported in this issue of the FLIGHT LINE. This is not good. We've got to do a better job following the site regulations we have or we might end up with a bunch of new ones that we will not like at all. But aside from that, it seems like Y2K got off to a good start. I've heard rumors that almost every weekend this century has been soarable. And you have to admit, that does sound pretty impressive!

To maintain the momentum, we plan to hold the Very First Spot Landing Contest of the 21st Century at Ed Levin Park on Saturday, February 12, with a rain date on Saturday, February 19. I hope you all can make it, 'cos... just think... if you do, you'll have flown in every single spot landing contest that was ever held this millennium! Now how many times are you ever gonna have an opportunity like that?

WOR elections are coming up this month. Here is your chance to cast some of the very first votes of the millennium. Will this be the first full millennium of democracy? The mind boggles. 1000 years ago, we probably would have chosen club officers by right of conquest (just like Fellow Feathers?) or under the direction of some religious authority. Instead of the club President, Vice-President, Secretary, Treasurer, and Flight Director we'd have the WOR Club Archbishop, WOR Club Bishop, WOR Club Scribe, WOR Club Deacon, and...

...the Grand Hierarchy of the Holy Office of the WOR Inquisition!

"I didn't expect a sort of WOR Inquisition!"

"No one expects the WOR Inquisition!"

But I digress...

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## The President's Report

by Mark Mulholland

Happy New Millennium! Since Y2K came and went, it really is a brand new Millennium. I hope it will bring all of you some great air!

So what's happening with WOR? First, we have a special treat this month. The WOR is having Betty Pfeiffer come up and give us a world class hang gliding parachute seminar. The clinic will be Sat Jan 22 (9am-5pm) and Sun Jan 23 (9am-12pm). This is a fact filled, fun, hands on parachute clinic. Betty is an expert on parachutes, and she is bringing Bill Gargano, who is a parachute designer. Come learn about parachutes, as the information may save your life! Expect to throw your chute in a simulator. The price is \$40, and \$25 for a repack. The location will be in a ware-

house at 126 N Harrison Ave in Campbell. Reservations are preferred, as the clinic will be limited to 35 participants. Please sign up now. Items to bring include: all your flight gear (except glider), including harness, helmet, gloves, boots, jackets; Pen or pencil for the quizzes; and lunch money (we may order in for pizza). We are limiting attendance to 35, so sign up quick!

How do you sign up? Call Mark at 408 875-5078 or send an email to markmulhol@aol.com.

A survey was performed at the December meeting, and the results will be reviewed at the January meeting. It was pretty clear that Fly-In's are high on your list of things to do. With that in mind, I would like some volunteers to help organize a few. The first will be Feb 19-21 at Dunlap! This is a 3 day holiday weekend, so let's hope its soarable. For more info, contact Pat Denevan at Mission Soaring (408) 262-1055. If you would like to show W O R your favorite site with a Fly-In, contact Mark Mulholland. Thanks!

The Day of the Condor is still an in process activity. If you are interested in flying with these big birds, sign up at the meetings to be contacted when it happens.

Speed Gliding will occur again at Ed Levin. We have two dates. The first is March 31-Apr 2. The weather date is Jun 9-11. There will also be a meet at Crestline probably Jun 2-4. If you are interested in volunteering for these efforts, please contact Mark. Speed gliding also ranked very high on the survey.

We will begin a Mentor Program. I have a list of mentors, if you are interested in participating either as a mentor or a mentee, contact Mark.

The 1999 XC contest is over, and

if all goes well, the prizes will be handed out at the January meeting. This will have some commemorative value, so if you've entered a flight, please come to the meeting.

Elections are this month! Check the minutes for those nominated to date. We need some strong leaders to keep the momentum going. With your help, we can have a lot of fun, stay safe, and do a lot of flying. Want to give something back to the sport? Now may be your time! Come on out and run for an office. Nominations will continue at the January meeting, with elections following. It might be nice to get some support/involvement from the PG pilots. So how about it bagwingers? Up to the challenge?

I would like to once again announce that I am still looking for people that are interested in starting a NPO to purchase flying sites. In order to qualify, you need to be willing to contribute \$500 and time to get this effort off the ground. I have 3 people interested, but need one more. Anyone willing to take this step?

We are looking at doing our calendar for the year, so if there is something you want to include, contact one of the officers. Thanks!

I am still looking for an Entertainment Director. This really is an easy job, but I've already done it for a number of years, and am way too busy doing other club business to do this as well. I have a really really long list of great ideas, we just need someone that can make some phone calls. It should be easy to schedule a couple of months ahead of time. Won't someone step forward and run with this? Thanks, just contact Mark.

Keep em Flying  
Keep em Safe,  
Mark

## Another Incident at Ed Levin

by Steve Pittman

A pilot was suspended for one month for flying from the 600' launch without a witness on Friday, December 3. Section VII.C.1 of the Ed Levin Site Procedures says, "All takeoffs must be witnessed by another person." The witness must be prepared to take appropriate action if an accident occurs. The witness should, therefore, have access to a copy of the Ed Levin emergency procedures available in the LZ lock box. In particular, the witness must know how to prevent the pilot from launching and how to signal the pilot to land if Park rangers declare an emergency. If no other means of signaling the pilot is available, the witness must know to deploy the Dacron X (kept in the landing zone lock box) on the landing spot.

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## December Meeting Minutes

by Paul Clayton

NEW MEMBERS/GUESTS -- None

GREAT FLIGHTS

Colin Perry recently flew in Greece, and has now flown on five continents.

PRESIDENT'S REPORT - Mark Mulholland

Mark distributed a questionnaire regarding member's goals and preferences for the future of the club. A "Day of the Condor" took place in which Mark flew with a stork. Another such event is planned and a sign up sheet was available at the meeting and may be placed on the WOR website. A parachute clinic, to be

presented by Betty Pfieffer, will be held on January 22 and 23 at 126 N. Harrison St., Campbell. Cost is \$40 for those who pre-register, \$50 at the door. Contact Mark if you are interested. This clinic is intended for hang glider chutes only. BAPA is hosting a party on January 29 at 7:30, at No Limits Paragliding (formerly "Airtime"), 3620 Wawona Street, San Francisco (415-759-9011). Elections for next year's club officers will be held next month. The production date for the speed gliding video has been postponed.

VICE-PRESIDENT'S REPORT  
- None

TREASURER'S REPORT - Don Jones

There were 462 paid members for 1999, but 178 '98 members never renewed. So far 146 applications have been processed for 2000. Thanks to Carmela and Stacey for their help in this effort.

ED LEVIN SITE COMMITTEE REPORT - Steve Pittman

There has been a series of incidents lately. A pilot was suspended for one month, for flying without a witness. The witness should be positioned to observe the flight and should know emergency procedures. The rangers have requested that a report be submitted within 24 hrs. of any accident. They would also like 911 to be called after any injury accident. The aluminum gate partway up the road to the top launch is down. It will be replaced and locked open when not needed. The walkover at Minnis road needs repair. Someone with carpentry skills is needed.

MISSION RIDGE SITE COMMITTEE REPORT - Steve Rodrigues

Launch access is now up the back

of the mountain, via Mill Creek Rd. Use common sense about using the road after a rain. The road is narrow, so be courteous. The wet road test still applies to the section from the parking lot to the LZ. We now have 12 keys, but 8 vehicles are allowed in the park at a time. People have been locked in the park due to the locks being incorrectly installed on the gate at the parking lot. If this happens, call EBRPD dispatch at the number on the gate key placard.

M T. DIABLO SITE COMMITTEE REPORT - Bob Trumbly  
The special use agreement is still under discussion; changes will be minor. There will be a work party to clear brush at the launches soon.

REPORT OF THE HOLY OFFICE OF THE WORK INQUISTION - Mike Vahis

No incidents to report.

COMPETITION COMMITTEE REPORT - Mark Mullholland

A trophy was presented to Mike Vahis, for taking third place in the speed gliding meet. Three speed gliding meets are planned for 2000.

OLD BUSINESS --None.

NEW BUSINESS --None.

Nominations were solicited for Y2K officers and to date the following people have been nominated (note that two candidates are needed for each office):

President: Mark Mullholland  
Vice President: Ed Cline, John Wilke  
Treasurer: Don Jones  
Secretary: Paul Clayton  
Flight Director: Russ Locke

END OF MEETING MINUTES

## Spot Landing Competition

The Very First Spot Landing Competition of the Twenty-First Century will be held at Ed Levin Park on Saturday, February 12. Rain date will be Saturday, February 19. And of course, the contest will be cancelled if it's soarable 'cos the meet directors are gonna be skying out!

Rules

"Rules! We are the Federales! We don't need no rules! We don't have to show you no stinkin' rules!"

Well, actually, I suppose we gotta have a few rules so pilots can have fun figuring out clever ways to bend them. Lessee...

1) There will be separate divisions for hang gliders and paragliders 'cos we're not total fools here.

2) Paragliders will be scored on straight distance from the spot multiplied by their rating (P-2, P-3, P-4, or whatever)

3) Hang gliders will be scored on their distance from the spot, multiplied by their rating, and multiplied by a factor that we allege was chosen to offset the relative difficulty of hitting a target with different types of wing, but was actually just made up at random.

Bladewings and Rigids - 1.0  
Intermediate Gliders (Sports, Formulas, etc) - 1.2  
Visions and Pulses - 1.4  
Single Surface - 1.6

So if a Hang-II, flying a Sport, lands 8' from the spot, their score will be 18.2, which will be hard to beat. If a Hang-IV, flying a Falcon, lands 275' from the spot, their score will be an awe-inspiring 1760, and we all be stricken with awe.

4) Whacks are automatically disqualified, and will be announced using a clever acoustic display system.

5) Pilots can make as many flights as they want. Only their lowest score will be counted. Lowest in each division score wins.

6) There is no 6th rule.

7) Distance will be measured from the spot to wherever the pilot first touches the ground or wherever they stop moving, running, rolling, or sliding, whichever is farthest.

#### Prizes

There will be plenty of prizes! And just think, here's your one and only chance to fly in every spot landing contest that has ever been held in this millenium! How how can you pass up an opportunity like that?

See you all there!

## Humor Section

by Mike Vorhis, Grand Hierarch of the Holy Office of the WOR Inquisition

Two paraglider pilots boarded an airline flight out of San Francisco for Denver. One sat in a window seat, the other in an adjoining seat. Just before takeoff, a hang glider pilot got on and took the aisle seat next to the 2 paraglider pilots. They exchanged glances, recognized each other by their club T-shirts, and then the hang glider pilot kicked off his shoes, wiggled his toes and was settling in, when the bag-winger in the window seat said, "I'm thirsty. I think I'll go ask the stewardess for a coke."

"No need," said the hang glider pilot, "I'll get it for you."

"Oh, thank you very much."

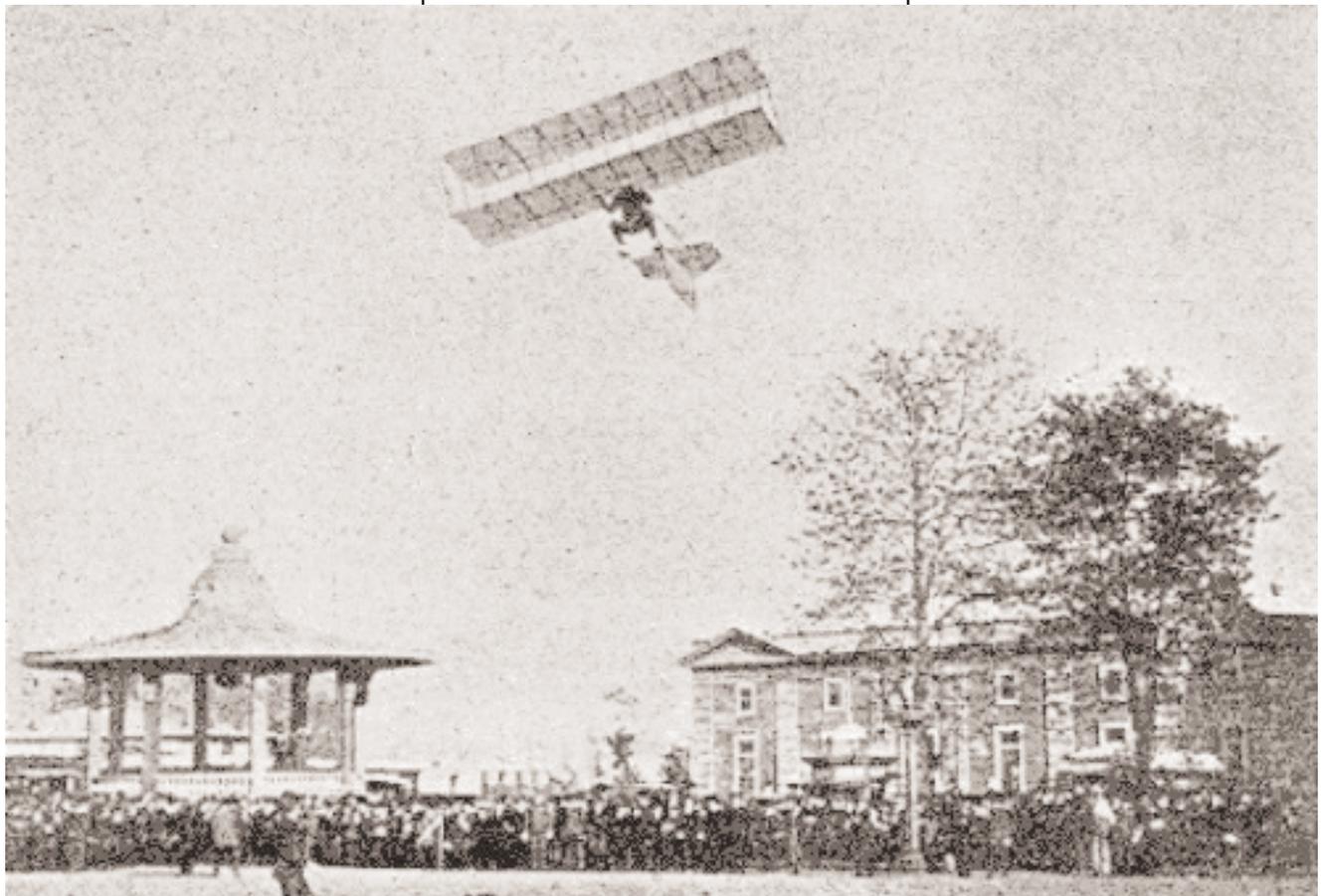
While he was away, the paraglider pilot picked up one of the shoes, grinned at his compatriot,

and spat in the shoe. They both laughed and put the shoe back where it had been. When the pointy-winger returned with the coke, the other bag-man said, "That looks good. I think I'll have one too."

Again, the hang dude obligingly went to fetch it. While he was gone, the second paraglider pilot picked up the other shoe, chuckled to his companion, and spat in it.

The hang glider pilot returned with the second coke, and they all sat back to enjoy the flight. As the plane was landing, the hang glider pilot slid his feet into his shoes and knew immediately what had happened.

"How long must this go on," he asked the other two, "this emity between our sports...this abuse...this animosity...this spitting in the shoes and pissing in the cokes?"



Place USHGA Hang Gliding Card or temporary rating here and  
photocopy.  
Keep Original for your records

Place USHGA Paragliding Card or temporary rating here and  
photocopy.  
Keep Original for your records

New Members - Please complete the Application in full

All Others - Enter only information that has changed or is  
different than USHGA card.

Mail to:  
**Wings of Rogallo**  
**PO BOX 361885**  
**Milpitas, CA 95036-1885**

First Name: \_\_\_\_\_ Last Name: \_\_\_\_\_ Middle Initial: \_\_\_\_\_

Street: \_\_\_\_\_ City: \_\_\_\_\_ State: \_\_\_\_\_ ZIP: \_\_\_\_\_

Home Tel # (\_\_\_\_) \_\_\_\_\_ Work Tel # (\_\_\_\_) \_\_\_\_\_

Emergency Contact Name: \_\_\_\_\_ Tel # (\_\_\_\_) \_\_\_\_\_

Birthdate: \_\_\_\_\_ Email address (optional): \_\_\_\_\_

Ham Call Sign (Optional): \_\_\_\_\_ Profession: \_\_\_\_\_

USHGA Appointments: \_\_\_\_\_ Today's Date: \_\_\_\_\_

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**Dues and Fees** (based upon a calendar year)

WOR Renewal (If a member during the last 2 years) \$18.00 \_\_\_\_\_

If Not a member during the last 2 years - \_\_\_\_\_ months at \$1.50/month \_\_\_\_\_

Family Membership (Family members WOR #) \_\_\_\_\_ \$6.00 \_\_\_\_\_

Mission/Diablo Renewal (If Mission/Diablo rated in the last 2 years)  
(Advanced rating required for Mission/Diablo) \$12.00 \_\_\_\_\_

If not Mission/Diablo rated in the last 2 years - \_\_\_\_\_ months at \$1.00/month \_\_\_\_\_

Donation for cards and stickers: \$2.00 \_\_\_\_\_ \$3.00 \_\_\_\_\_ \$5.00 \_\_\_\_\_ Other \_\_\_\_\_

**Total:** \_\_\_\_\_

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**Check required stickers** (year stickers are issued automatically)

**Hang Gliding**

**Paragliding**

**Other**

\_\_\_\_\_ Hang 1 (green)

\_\_\_\_\_ Para 1 (green)

\_\_\_\_\_ Guest

\_\_\_\_\_ Hang 2 (red)

\_\_\_\_\_ Para 2 (red)

\_\_\_\_\_ WOR ID

\_\_\_\_\_ Hang 3/4 (blue)

\_\_\_\_\_ Para 3/4 (blue)

Note: Your WOR ID # will change  
If a new ID Sticker is issued.

\_\_\_\_\_ Mission/Diablo (silver)

\_\_\_\_\_ Mission/Diablo (silver)

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**Important** - The following should accompany this Application:

1. **Photocopies** - USHGA card(s) and/or temporary ratings.
2. **Waivers if not already on file** - Ed Levin Park and/or Mission/Diablo (Signed and properly witnessed)
3. **Self Addressed stamped envelope** (helps to speed up the process)

# WINGS FOR SALE



## Wings for Sale

(Ad policy: ads run for 3 months and are free to WOR members)

### Rigid Wings

Bright Star Millennium, lots of extras and spare parts, good condition, \$7000, ERS Chute, \$800, Call Rany Yanetz (650)625-0633 ranyyanetz@aol.com

Exxtacy. Good condition \$5,500 doo. call Russ (408) 737-8745

### Flexwings

Formula 154. One owner. Low, low hours: 80. Flown only by a not-so-little old engineer on all too rare weekends (mostly). Looks and flies great. Excellent glider for intermediate pilots looking to step up from a Falcon or the like. \$500. Call Kevin (408) 734-3708

Mark IV 17 Excellent condition, 1 test flight since annual inspection, \$1,500. Call Lynda Nelson, (408) 946-6353, Lynda0g@aol.com

Moyes XS 169 Good condition, good for pilot over 200#. great sink rate, good landing characteristics. Good looking colors blue and yellow under surface. \$550 Call Bruno (925) 837-4261. Brunoj@worldnet.att.net

Moyes XtraLite 164. Mylar sail. Good condition, good for pilot over 200#. great sink rate and glide, exceptional landing characteristics. Built to last. Good looking colors. Blue and yellow undersurface. \$1,150. Call Bruno, (925) 837-4261, Brunoj@worldnet.att.net

Pac Air K4 155. Fluorescent green leading edge w/ green and yellow undersurface. 260 hours. Great light conditions glider. \$500

doo. Call Paul at (650)-852-5693 (W) or (408)-246-2218 (H)

Pulse 11 M Red/White/Blue w/ comfort bar. \$2000 doo. (408) 527-8110 (W), (408) 929-1494 (H)

Mark IV 17. Double surface glider for beg/int pilot under 190#. Great condition, original owner, 60 hrs \$980. Call Dietmar 408-298-5821 dietmark@vicom.com

Wills Wing Falcon 195 Excellent condition, only 25 Hours. Bright Orange and Fluorescent Yellow colors. Wheels included. \$2000. Contact Mark at (408) 206-6059 or mark\_howard@onebox.com

Wills Wing Spectrum 144. Absolutely killer performer for up-and-coming pilots (strong Hang I+). Great glide, sink rate, and kawl looks to boot. White/blue/lavender, streamline downtubes, wingtip fairings, speed bar, and straight bar + wheels. Pictures & specs: <http://www.hooked.net/~hairball/spec/> \$1800. Michael: (408) 289-8418, hairball@hooked.net

HP AT 158 (Custom Sail), Attack Duck 160. All in good to excellent shape. Have purchased a Millennium, so make me an offer, I would like to clean out my garage!! Contact Mark, (408) 929-1753

### Paragliders

Cage with Lagon 27 glider (beginner/intermediate) and deluxe harness. Excellent condition, 80-100 kgs. Includes 3 days instruction for the current (minimum) P2 or H2 pilot. \$2000. Call Bob, (650) 588-1975, fly@best.com

Edel SupersSpace 2. White &

Green. \$1500 doo, (408) 527-8110 (W), (408) 929-1494 (H)

Pro Design Contest 46 in excellent condition. Always at the top of the stack. Inspection report provided. 75-95 kgs. \$800/doo. Call Bob, (650) 588-1975, fly@best.com

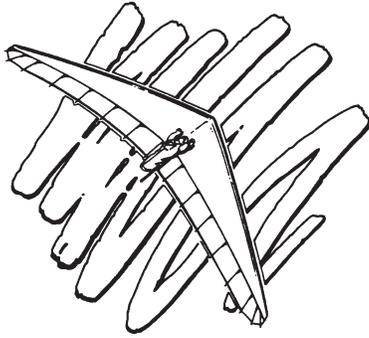
### Equipment

Apco Jet Stream pod harness and chute (5 years old), Full Face helmet, almost new Flying Suit, Best Offer, Ball GC99, like new, \$850, Racks for Isuzu Trooper, Best offer. Call Rany Yanetz (650)625-0633 ranyyanetz@aol.com

Uvex full-face helmet Carbon fiber, quite light (2 lbs?). \$50. Call Kevin (408) 734-3708

Uvex full-face helmet, Like brand new, \$150.00, Kenwood FM radio with 1 hour quick charge, cig. lighter charge, and owners manual, \$200.00, PTT headset for Kenwood and FF helmet, free with all of the above. Call Lynda Nelson, (408) 946-6353, Lynda0g@aol.com

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*Wings of  
Rogallo*

# FLIGHT LINE

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The First Wings of Rogallo meeting of the Twenty-First Century will be held at the Omega Restaurant in Milpitas (corner of South Park Victoria and Calaveras Boulevard)  
Tuesday, January 18 at 8:00 pm.

Social hour begins at 7:00 pm. Come early and have dinner.

This is the Election Meeting so come and vote in the Club Elections, and pack the Executive Committee with powerful statesmen who you can depend upon to represent your interests in tense negotiations with major powers on the world stage!

Entertainment at the meeting will be provided a team of Top-ranked Computer Consultants who will explain why the world did not come to an end after all.  
on January 1, 2000