

# Western Rotorcraft

Monthly News for PRA Chapters 2, 15, & 73 – June 2010

## New Newsletter Serves Three Chapters

In votes at their May meetings, three PRA chapters in the West chose to participate in an experimental pooling of their individual newsletters into a single, regional one. Now called "Western Rotorcraft," each issue will include news, features, announcements, classified ads and other content from Utah Rotorcraft Association ([PRA2](#)), Arizona Rotorcraft Association ([PRA15](#)), and the Great Northwest Sport Rotorcraft Association ([PRA73](#)). The newsletter will be edited by Chapter 2 Secretary (See "Newsletter," page 2.)



**Irishman Norman Surplus** reports plenty of help from the Nong Prue Flying Club (*above, Norm in red at center*) in recovering from his forced ditching in a lake in Thailand May 1. (See "GYROX," page 2.)

### ARC Sets 2011 Fly-In

Members of the Arizona Rotorcraft Club assessed the success of their first fly-in in April, and have voted to repeat the event in 2011 the weekend of May 14/15. The event attracted ten gyroplanes in its first year, (*partial flightline shown below,*) and got a visit from CFI [Marion Springer](#). (See *ARC Minutes*, page 4.)



### Rotors Over The Rockies

The Utah Rotorcraft Association's third annual regional event, [Rotors Over The Rockies](#), is set for June 10-12 at [Brigham City Airport](#), (*above,*) and important details have been announced. Early birds have reserved indoor hangar parking for nights as early as Tuesday, June 8, and introductory flights will be available in both gyros and helicopters. (*More event info, commentary on pages 5-8.*)



### Bensen Gyrocopter For Sale

The folks at Chapter 73 are helping find a new owner for this 1980 Bensen Gyrocopter with Rotax 503 power, from the estate of Ray Bruce. (*Pictured at Fly 'N' W Airport near Salem, OR.*) See this and other opportunities in this month's Classifieds, page 8.

## Newsletter (from page 1)

and PRA NW/Mtn Regional Representative Paul Plack. Individual chapters will solicit content from their members, and receive each finished newsletter as a PDF file which can either be printed on paper and mailed to members, or distributed electronically, as decided and budgeted by individual chapters.

## GYROX (from page 1)

In his blog on May 17, Norm related, "The main damage has been a bend in the main rotor mast section about 3 feet down from the rotorhead. This was sustained as the gyro turned over in the lake. The engineers have examined the damage and it appears we are going to be able to cut out the damaged part of the rotor mast where it attaches to the box section and weld in a new piece to repair the damage. An approved CAA/DCA (Thai CAA) welder has obtained authority from the UK CAA to work on the aircraft and will be brought in to make good the repair to the required standards."



The rotor will also need to be replaced and balanced, and the avionics tested and repaired or replaced after their (thankfully fresh water) bath. Norm has promised regular updates as the work progresses. Later this summer, he expects to cross North America, and will eventually work his way down the west coast to the US mainland to begin a Portland (OR) to Portland (ME) transcontinental flight. Follow his progress via [www.gyroxgoesglobal.com](http://www.gyroxgoesglobal.com).

## Upcoming Chapter Meetings

**ARC (15)** – Saturday, September 25th at the [Ken Brock Freedom Fly-In, El Mirage Dry Lake](#), CA. Watch for e-mail from Britta for further details.

**GNWSRA (73)** – Saturday, June 12 at [Sport Copter, Scappoose Industrial Airpark](#), OR. Potluck lunch at noon, meeting at 1pm. Bring a friend!

**URA (2)** – Saturday, June 12 at [Rotors Over The Rockies, Brigham City Airport](#), UT. 7pm BBQ and planning meeting, ROTR awards follow at 8pm.

## PRA Regional Report

Paul Plack, NW/Mtn Rep



Welcome to the first monthly newsletter in our new format - a collaboration among three PRA chapters in the western US which will allow us all to share announcements, news and features with a wider community of enthusiasts.

To merge content from three chapters into a single, eight-page newsletter will offer challenges, but that's the limit for an ounce of postage with an envelope. On occasion, feature material which exceeds available space may be held for a future edition, and lengthier items may appear on overflow pages available only in the PDF (electronic) version.



When you host or attend a meeting or event, I have two requests - get pictures, and not just of the hardware! The newsletter will be more interesting if we can see and identify the people. Don't worry about cropping or shrinking photos or compressing files, but do e-mail photos individually if necessary to keep total attachments under 10 MB per e-mail.

Most important, read about and get to know the people and stories here, and plan to visit events around the West. The Chapter 2 "invasion" at El Mirage last year was good, cheap fun, and those of us who went can't wait to get back. Join the party!

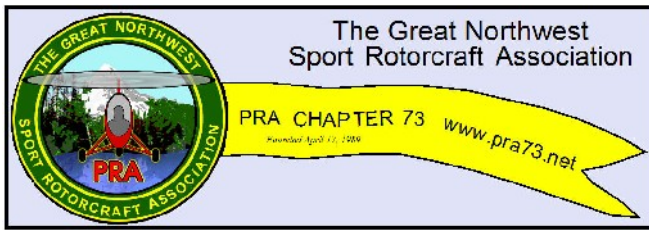
## Thrust Gauge!

A few months ago, when URA was brainstorming things we'd like to have on hand for a fly-in, a thrust scale landed on the wish list. We talked with Dennis Dubois of Battle Ground, WA about what he might be able to fabricate, but in the crunch, the scale project landed in the pile labeled, "Maybe Next Year."



Or, so we thought - apparently not for Dennis! He's surprised us with this nice hydraulic thrust scale with remote readout, which will allow safely measuring pulls up to 1,000 pounds, which

should be enough to handle any of the gyroplanes at Rotors Over The Rockies (unless GBA fires up the Hawk IV). Come see it in action, or watch for reports in the July newsletter. And if you need anything fabricated for your machine, check with Dennis for availability. E-mail [acme@q.com](mailto:acme@q.com).



## May Minutes & Meeting Detail

*Editor's Note – This account is edited. Find the official minutes by Chapter 73 Secretary Charles Smith on pages E9 and E10, available in the electronic version of this newsletter from [www.pra73.net](http://www.pra73.net).*



**The meeting was called to order** at 1:38pm in the [Sport Copter](#) hangar by President Bob Johnson, (at left, above,) with 19 in attendance. April minutes and a financial report were approved. (Find the latter at [www.pra73.net](http://www.pra73.net) in the [Members Only](#) section.)



**New members** Gilbert Shepard and Richard Arthur paid dues at the meeting. If you have not yet paid your 2010 dues, please send them to Bob Johnson, or attend the next meeting and pay in person.

**New Business** – A motion to put current newsletters on the "members only" web page, while leaving archived editions open to the public, was passed.

A second motion to join with multiple PRA chapters in a common newsletter, "Western Rotorcraft," was passed, but will be reconsidered in a year.

**Bob Johnson notes** that both the newsletters and [Powered Sport Flying](#) magazine need articles about your personal experiences, frustrations, personal research on some issue, successes and photos.

**Member Updates** - Rich Stewart indicated his RAF is still for sale; he received two inquiries this past month. Brock Steiner's custom tandem from Sport Copter, powered by an electronic fuel injected IO 340 185 HP engine, is moving forward again with arrival of the camshaft and valve lifters.



Dennis Dubois in his "Viewmaster" gyro (from *Battle Ground, WA*, above), Brock Steiner in his Diamond DA40 (from *Vancouver, WA*) and E. Cleon "Cle" P. Folkins in a Cessna 421 (from *Spokane, WA*) flew to the meeting.



Above: Miles McClure, left, stands with Brock Steiner next to Brock's DA40. Brock just sold his SC Vortex to help fund an open tandem gyro he's building.



**GNWSRA (Chapter 73) Minutes, cont'd**



Kevin Richey (above) brought his Sport Copter Lightening from its hangar at Scappoose. Gilbert Shepard drove in with his modified 1966 Benson strapped to the back of his truck (left & below).

Bob Johnson shared some interesting stories that centered on the "Skipper", Rod Scamahorn, and the PRA 73's 1997 Fly-In at [Tillamook, OR](#).



New member Richard Arthur has a Vortex Gyrocopter in the hanger and was planning to fly with Jim Vanek in the open tandem.

Phil Stevens shared information on observations and issues concerning rotor flap, the dangers, causes, and prevention.

The next meeting will be June 12, 2010 at 1:00 PM in Scappoose, OR at the [Sport Copter](#) Hangar. The meeting was adjourned at approximately 2:26 PM.



Above: Kevin Richey lands at Scappoose.

**ARC (Chapter 15) May Minutes**

**Members in attendance** May 15, 2010 @ [Coolidge Airport](#): Bruce Coats, Larry Martin, Pat Ryan, Mark Sanders, Dave Knudson, Helen Knudson, Carl Matter, Britta Penca, Mark Rhoads, Mike Ott, Tim Ramseyer.

Sec/Treas Mark R read the minutes from the last regular Chapter 15 meeting on March 20, 2010. A motion to approve the minutes was made by Larry M and was 2nd by Tim R. The minutes were approved.

**Treasurer's report:** 24 dues paying members, with \$615.39 in the Vantage West Savings account. \$372 total proceeds from raffle ticket sales, tee-shirt sales, and donations at the fly-in minus \$220.00 cash paid to Carl M as partial reimbursement for tee shirt and plaque expenses. \$152.00 cash to be deposited – proceeds from tee shirt sales and donations. 9 AZ CH 15 tee shirts in inventory. \$296 owed to Carl M. for the cost of the tee shirts and the plaque screen printing and engraving. Pat R made a motion to reimburse Carl \$296, the motion 2nd by Helen K. A vote was held with all approving the motion to pay Carl M \$296. 3 tee shirts were sold at this meeting - \$45 to be deposited.



Above: Britta Penca (in front seat) flies with CFI Marion Springer at ARC's April fly-in at San Manuel.

It was decided that next year's fly-in will be the weekend starting with Saturday, May 14.

A discussion was held about an offer by Chapter 2 of Utah who has graciously offered to host Ch 15 as a part of their newsletter. There was a consensus that this should be tried. The secretary will be responsible to send the minutes and proceedings of Ch 15 meetings to Paul P. Paul would like to have members write feature articles for the newsletter. Tim R thought it would be a good idea to have someone interview Fritz C. As a long time member, and a fluent communicator, he would no doubt have excellent stories with a historical perspective.

President Britta P offered a discussion about hosting the fly-in on a rotating basis with Utah and CA which would make it a 3 year planning process instead of one and possibly more attendance for each fly-in.



## Minutes & News

The **May 8 meeting** of the [Utah Rotorcraft Assoc.](#) was called to order at 10:06am MDT by President Doug Barker at [Brigham City \(UT\) Airport](#). Ten members and guests in attendance included member Lyle Carson of Pocatello, ID. Minutes of the April meeting were approved as published.



Treasurer Nate Oldham was not present, but Doug reported an estimated bank balance of \$336.61 after expenses paid, and Secretary Paul Plack reported a balance of \$5.53 in the PayPal account, for a total on hand of \$341.14. The report was approved as read. A membership application from Kevin Eaton of West Jordan, UT was accepted.

**Old Business** - Paul reported expenses for the URA [Winter Webinar Series](#) of \$69.80.

[Rotors Over The Rockies](#) was discussed. Members will be asked to volunteer for two-hour shifts at a URA information table during official event hours.

**New Business** - Paul made a motion to open the URA newsletter to regional sharing by other chapters in the west; send those chapters a PDF version of the final newsletter electronically; and open newsletter access on the URA website to non-members. The motion was passed unanimously.

Doug's motion to name the newsletter "Western Rotorcraft," reflecting its new, wider distribution, was approved. A motion to adjourn was accepted at 11:20am, followed

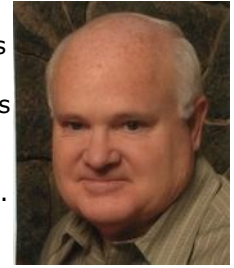


by a walking tour of the airport area to be used for ROTR static display. (Above: *Stayton Barnes*, at left, and *Curt Pittman*, with *Curt's RAF 2000*.)

## Brigham City Welcomes ROTR

URA received the following correspondence from Mayor Dennis Fife of [Brigham City, Utah](#):

We look forward to welcoming you to beautiful Brigham City for Rotors Over The Rockies (ROTR) on June 10-12 at BMC. This event coincides with our Airport Appreciation Day and Open House as well as our Brigham City [Heritage Arts Festival](#). During the last two years URA has added excitement and fun to our Airport Appreciation and Open House Day. The kids love to see the rotorcraft. Being a fixed wing pilot, I still question the sanity of flying one of your beauties. In reality this is a great sport that can be managed with minimal risk and the love and passion for flying enjoyed.



Thank you for participating in our celebration and making it a special day for those that watch you fly and visit our great Brigham City Airport. We hope that you can stay for a few days and enjoy the Rockies with many great functions to enjoy.

Dennis J. Fife, Mayor  
Brigham City Corporation



## IMC Orders New EMS Helos



**Intermountain Healthcare** (UT) recently ordered three GrandNew EMS helicopters, outfitted for two stretchers and including a rescue hoist, wire strike protection, snow skis and night-vision compatibility. State-of-the-art avionics includes synthetic vision and terrain warning, important tools for missions which include flight near obstructions, at night, and/or in marginal weather. [AgustaWestland](#) says these aircraft will join two A109K2's already in service serving Utah and parts of Idaho and Nevada. There's no word on delivery date. AW reports 50 GrandNews on order.

# Rotors Over The Rockies 2010



## Event Schedule & Forum Presenters

<b>Time</b>	<b>Thursday</b>	<b>Friday</b>	<b>Saturday</b>
<b>08:00 AM</b>	(Clear URA Hangar) URA Breakfast Pilot Briefing	(Clear URA Hangar) URA Breakfast Pilot Briefing	(Clear URA Hangar) SAR Fly-In Breakfast (till 10am) Pilot Briefing
<b>08:15 AM</b>	Mtn Flying (Curt Pittman)	Mtn Flying (Curt Pittman)	
<b>10:00 AM</b>		Antennas (Paul Plack)	Airport Open House (till 12n) EAA Young Eagles (till 12n)
<b>11:00 AM</b>		Aviomania (John Rountree)	
<b>12:00 N</b>		Mosquito Helo (Rotor F/X)	Ownership Options (Nate O.)
<b>01:00 PM</b>	Ultralight Gyros (Doug Barker)		Mosquito Helo (Rotor F/X)
<b>02:00 PM</b>	Training Options (Mike Burton)		Training Options (Mike Burton)
<b>03:00 PM</b>			Helicycle Owners Showcase
<b>04:00 PM</b>	Butterfly Gyros (Doug Barker)	Rotorway Owners Showcase	Whirlybird Helicopters Q&A
<b>07:00 PM</b>			BBQ / URA Meeting
<b>08:00 PM</b>			Closing Awards Presentation

## Forum Presenters

**Curt Pittman** is a Private Pilot with years of experience flying out of Brigham City Airport in small airplanes. He's now based here with his yellow RAF 2000. Curt will conduct daily pilot briefings, then share the basics of flying near the mountains, including the unique winds you'll encounter.

**Doug Barker** is our region's authorized distributor for the Butterfly line of kit gyroplanes, and is building a Butterfly Super Sky Cycle, a roadable aircraft. Doug will present two forums, one on the Butterfly product line, and another investigating the feasibility of flying a gyroplane under the FAA's Part 103 ultralight rules.

**Mike Burton, CFI** is the resident instructor at Airgyro Aviation, and will expand on the material he presented in the URA Winter Webinar Series, explaining the various paths to a gyroplane pilot certificate.

**Paul Plack** holds FCC Amateur and Commercial Licenses, and will explain the basic types of VHF antennas, how to construct and mount them, and will build and test simple antennas during his presentation.

**Nate Oldham** manages Airgyro Aviation in Spanish Fork, UT, which offers gyroplane sales and training. Nate will explain some options for partnerships, based on his investigation into joint ownership.

**John Rountree** is a semiretired businessman who started and built one of the largest FBOs and Piper dealerships in California. John has just become an agent representing Aviomania Aircraft products in the USA, and will preview the company's forthcoming gyroplanes, and show us the world's lightest electric prerotorator.

# ***Rotors Over The Rockies 2010 Event Details***

**Brigham City Airport** has recently received \$14 million in upgrades, and features a 7,501' runway, yet averages fewer than 70 operations per day, and is in Class G airspace up to 700' AGL. There are lots of sparsely populated areas nearby to explore safely at low altitude.

**Camping is free** on the airport starting June 8, but there are no hookups for RVs. If you're a light sleeper, note that camping is 200 yards from I-15, under the airport beacon. Most motel chains have locations nearby along I-15. Options close by (with typical rates):

[Crystal Inn Brigham City](#) 480 Westland Drive, Brigham City, UT (\$100) (435) 723-0440  
[Galaxie Motel](#) 740 S. Main St., Brigham City, UT (\$50) (435) 723-3439  
[Days Inn Brigham City](#) 1033 South 1600 West, Brigham City, UT (\$60) (435) 723-3500

**Camping alternatives:** [KOA](#) - (435) 723-5503  
[Golden Spike RV Park](#) - (435) 723-8858

**Directions** - From I-15, take Utah Exit 365. Turn east at the bottom of the ramp and proceed about 200 yards, then turn left on Airport Road. Look for a large billboard overhanging the road – just before you reach it, turn right on 1800 S, and look for signs and/or parking personnel.

**Airport Traffic & Safety** - Elevation is 4,229' MSL; standard pattern is left for both 16 and 34 at 1,000' AGL (5,229' MSL.) Birds in vicinity of approach end of runway 16.

Ag planes may conduct frequent operations from south end of airport, all days. Saturday, expect congestion and mixed fixed- & rotor-wing traffic 8-10am, group arrival of 8-10 helicopters 9:30-10am, and EAA members conducting Young Eagles flights Saturday 10am-12n.

**Gyroplanes** use left pattern at 500' AGL (4,729 MSL) for both runways 16 and 34, well inside a typical fixed-wing pattern. Calm wind runway is 34; space downwind approximately over Airport Road, outside camping/parking areas. No takeoffs or landings on taxiways per management.

**Helicopters** use standard pattern when empty; use right pattern to avoid fixed-wing traffic.

**CTAF is 123.05 MHz.** All rotorcraft announce "clear" on CTAF when starting. (Will also be heard on PA system). All engine starts are to be in designated areas, or minimum 500' from pedestrians.

**Schedule** – Pilot briefing 8am Thu/Fri/Sat; if you miss it, see Curt Pittman before you fly. Indoor aircraft parking \$10/night; free to URA members, first-come, first-served.

**Awards** include Grand Champion, Reserve Champion, Innovation, Farthest from Home and Dead Dinosaur (most observed flying) awarded by URA committee; Pilot & Machine awarded by vote of pilots flying at ROTR; Peoples Choice based on voting from open house attendees Saturday.

**Closing BBQ** at 6pm Saturday, \$10 donation. A brief URA planning meeting will follow, with attendance and input from visitors welcome. Awards start at 7pm in URA hangar.

**Gyroplane Services:** Airworthiness Inspections - Jim Gilchrist, DAR, kdhflightpath@msn.com.  
Flight Reviews & Instruction - Mike Burton, CFI, (801) 794-3434  
Annual Inspections - Jaime Horning, info@highaltitudeaircraft.com

**Gyroplane Facilities:** Hang Tests, Dual Hang Tests (VCG), Weight and Thrust Scale available.

**Updates will be posted at [www.utahrotorcraft.org](http://www.utahrotorcraft.org) but details may change without notice.**

## ***Classified Ads – Gyroplanes for Sale***

**RAF 2000** - 240 TT. Annual insp. May 2010. Parham stabilizer, Warp Drive prop, electric trim, heat/defrost. Subaru EJ22 EFI 145 HP, SuperTrapp exhaust. Trimble radio & intercom. Incl. headset, misc aviation tools and supplies. UT. \$26,700 OBO. Terry, (208) 221-7401. Details, photos [here](#). (UT, 05/2010)

**Bensen** - Rotax 503 3ngine, new wood prop & seat tank, prerotator, handheld com radio. Includes trailer, helmets, rotorblade box. From the estate of Ray Bruce. Flown last year. Call Jeff, (503) 930-4031, or Addie, (503) 463-7386. (OR, 05/2010)

**SparrowHawk II** - Completed 2009, 50 TTs TT. Subaru 2.5L, leather seats, overhead panel, MGL Odyssey 10.4" EFIS & EIS, Garmin radio and transponder. Many custom features. Asking \$69K. Available separately, 15' tandem-axle trailer with hydraulic lift, custom tow bar, mold used to build inst. pod, more. Brian, (801) 831-4649. (UT, 11/2009)

**Butterfly Aurora** - 50 hr TT, like new, Rotax 912. Powerful, reliable. Asking \$48K. Enclosed trailer available for additional \$3K. Contact Doug at Butterfly of Utah, (801) 628-7598. (UT, 10/2009)

## ***Hangar Space Available***

**Scappoose Industrial Airport, OR** - Large hangar currently houses three gyroplanes, room for one more. Room enough for 30'-plus rotor. \$55/month. Contact Clint Martindale, (503) 775-7372.

**Scappoose Industrial Airport, OR** - Traditional T-hangar, room for two gyros with rotors. Eliminate the time and effort of mounting blades every time you fly! Contact Jim Shawcross, (503) 997-6066.

## ***Doug's Thoughts***

***URA (PRA2) President Doug Barker***



The Utah Rotorcraft Association will soon be celebrating its 3rd year anniversary. It is truly amazing to sit back and look at all that has been accomplished in 3 short years. As of today we have 36 dues paying members from 9 different states. From the east coast to the west coast and all over the western US. That diversity says a lot about what our organization is doing. I am truly proud to be a part of this group and I want to thank each and every one of our members for the part they have played in developing this organization.

One of our greatest achievements so far is Rotors Over The Rockies. This year's event (our third annual) will be much bigger and better attended and full of better organized forums and activities. There are many reasons for you to be here with us this year. If you have any interest in Rotorcraft flying at all, this will be your best opportunity to learn, meet kindred spirits and enjoy what makes rotorcraft flying so special.

While there are many people from all across the country planning to travel to be with us for this event, I want to ask each of you, personally for your help. Support your event by making the commitment, take time off work, schedule your calendar around this event and join us. We will have people attend who had to take a week of vacation and traveled thousands of miles to be with us. For most of us here in the intermountain area, this is going to be close enough we could commute from home for each day of the event if we wanted to. However, I ask you to consider coming out and joining us for the whole event.

I know these are hard economic times and money is tight. But where else can you go to a major rotorcraft event as inexpensively as you can this one? Admission is Free! Camping on site is Free! Parking is Free! And all the forums and activities are Free! Sure it will cost a little gas money to come and if we feed you, we will ask for donations to help cover the cost of the food, and if you choose to stay in a motel rather than camp that will cost a little, but it just doesn't get any less expensive than this event will be.

If you really want to accomplish your dream of Rotary Winged Flight, you are going to have to feed your dream and develop the knowledge and support base to help you accomplish your goals. This is where you do that. You need to come to this event and we need you to come. Join us. You won't regret it.

We'll see you soon!

## ***Chapter 73 May Minutes (Unabridged Version)***

**Minutes: PRA Chapter 73 Meeting on 2010 May 08 1:38 PM Sport Copter Hanger**  
By Charles Smith

The meeting was called to order by President Bob Johnson.

**Acknowledgements:** Thank you Jim Vanek / Sport Copter & staff for use of facilities for this meeting. Thank you to all of you who brought food to the potluck.

**Attendance:** Rich Stewart, Kevin Richey, Bob Johnson, Charles Smith, Clint Martindale, Phil Stevens, Dennis Dubois, Richard Arthur, Brock Steiner, Jim Shawcross, Ken Cabbage, Miles McClure, Gerry Warren, Cle Folkins, Gary Powell, Hunter Powell, Jim Vanek. Welcome aboard to two new members – Gilbert Shepard and Richard Arthur.

**Previous Minutes & Current Financial Report:** - Discussed & Approved. For a complete report visit the Members Only portion of the pra73.net web site. Phil Stevens paid dues as well as the two new members. If you have not yet paid your 2010 dues, please send them to Bob Johnson, better yet attend the next meeting and pay in person.

**Old Business:** 1. Reminder – the PRA Chapter 2 Fly-In "Rotors Over the Rockies" is June 10, 11, 12. Early days are June 8th and 9th. See their web site for details.

### **New Business:**

1. Paul Plack our NW/Mtn PRA Representative held their first Board Meeting April 22. Among the things discussed were ways to improve and grow the organization. Six key areas were identified to Facilitate Chapter development and growth:

- A. Need to be associated with an airport
- B. Instructional training needs to be available
- C. Promote regular meetings
- D. Have coordinated communication, planning and sharing via newsletters, web, and membership lists.
- E. Have a good working relationship and hopefully sponsorship via local aviation vendors and service providers
- F. Have a good mix of members with a variety of experience from dreamers to novice to pilots, commercial pilots, navigators, mechanics, metal working specialists, welders, etc.

2. A second NW/Mt PRA issue brought up for discussion was merging multiple chapter newsletters into a single combined newsletter – perhaps a NW/Mt PRA Newsletter. A local obstacle is that PRA 73 currently publishes its newsletter on the open web page rather than the "members only" web page. There was some indication that if this local policy were changed Paul Plack and/or PRA Chapter 2 would pick up the publishing and distribution of the NW/Mt Newsletter for minimal cost to PRA Chapter 73. (Chapter 2 voted to make the new newsletter's name "Western Rotorcraft".)

A motion to put future newsletters, if published, such as the proposed NW/PRA Newsletter on the "members only" web page was made and passed. Past PRA 73 Newsletters currently on the open Web page would remain there for the time being. Old newsletters, of the new newsletter, would also be placed there.

A second motion to accept Paul Plack's offer to combine several PRA Chapter newsletters into one NW/Mt newsletter was made and passed. That motion also said that we should revote on this in one year.

3. An opportunity to purchase 1,000 Chapter business cards, color, printing both side for about a nickel apiece was discussed. No action taken at this time – sticking with the tri-fold introductory gyrocopter brochure for now.

4. Bob Johnson brought up the issue that both the Newsletters and the "Powered Sport Flying" magazine need articles and letters from those with an interest in gyrocopters and aviation in general. Your personal experiences, frustrations, personal research on some issue, successes and photos; personalize and educate old and new alike.

**Rotorcraft Progress Reports & Shared Information:** Rich Stewart indicated his RAF is still for sale; received two inquiries this past month. Regarding Brock Steiner's custom tandem from Sport Copter, powered by an IO 340 185 HP fuel injected with electronic, engine build is moving forward again with arrival of the cam shaft and valve lifters.

3. Three Gyrocopters showed up for this meeting and several members & visitors arrived in conventional aircraft. Members that missed this meeting missed inspecting some interesting machines.

A. Dennis Dubois flew in with his customized View Master Model S/N 1, 4130 welded steel tube with unique, frame, unique shock strut and double tail. 100 HP Rotax 912S 3 blade synthetic prop., cruises nicely at 4500 RPM, 7 gallon gas tank, Sport Rotor 27' blades rotate at approximately 330 RPM at cruise, steer able nose wheel, no horizontal stabilizer at this time – one is planned. Bevel geared pre-rotor – interesting.

B. New Member Gilbert Shepard drove in with his modified 1966 Benson strapped to the back of his pickup truck. His power is a McCulloch 90 HP Model 0-100-A. Exhaust stacks appeared unique and very un-restricted. It has a shortened mast, a unique pre-rotor that could be based upon articulated sheep shearing mechanical components. His rotor brake was also interesting – cable actuated. Wheel disk brakes were also cable actuated and very effective.

C. Kevin Richey "flew" his Sport Copter Lightning from the hanger to the meeting – The more machines we can look at, discuss and study the better. Kevin brought up several things of interest. Check the Rotary Forum for updates on the Gyrocopter Round the World Traveler. A safe water landing in Thailand may have stalled or ended the attempt.

D. Brock Steiner flew in from Vancouver, WA in his Diamond DA 40 (London, Ontario Canada). IO-360 for power.

E. Cleon "Cle" P. Folkins flew in from Spokane with a good looking Cessna 421.

4. Bob Johnson shared some interesting stories that centered on the "Skipper", Rod Scamahorn, and the PRA 73's 1997 Fly-In at Tillamook, OR.

5. New member Richard Arthur has a Vortex Gyrocopter in the hanger and was planning to fly later today with Jim Vanek in the open tandem.

6. Phil Stevens shared information on observations and issues concerning rotor flap, the dangers, causes, and prevention.

**Next PRA Chapter 73 Meeting:** June 12, 2010 1:00 PM Scappoose OR Sport Copter Hanger. Fly, drive, bring a friend!

**Meeting ended approximately 2:26 PM**