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# Forest Applications

Training for the Forest's Future!

# NEWS

## Future plans...

By Tim Ard

It has been a great year and Forest Applications Training, Inc. has had the best year in the history of the company. Going strong for twelve years now. The training events for 2004 have been super and the responses, projections and bookings for saw applications training sessions in 2005 are coming in fast. Thank you to all our organizers, participants and sponsors.

I would like to share with you a few of the Forest Applications Training, Inc. plans for the future. I have had hopes for many years to grow into an organization of several instructors to carry on our training programs to all of America. Recent happenings will make that vision and hope a reality.

Beginning January 1<sup>st</sup>, 2005, Laura and I will become part of the Husqvarna PPS Team- Husqvarna Power Products Specialists. We will begin organizing and promoting chain saw and other areas of field training for Husqvarna. Twelve instructors plus the Husqvarna Team of Pros will be available to instruct training programs for all aspects of Municipality, Government, Professional Landscape, Tree Care and Logging. Anywhere outdoor power equipment is used.

Forest Applications Training, Inc. will continue to provide many of the same aspects of training where chain saw applications are needed. Even more exciting, we will now be able to utilize other instructors to handle the growing schedule requirements. The PPS Team will offer more versatile and affordable options for companies and organizers to meet their training requirement needs.

The PPS Team members are located all across the country strategically to enable them to maximize training coverage and minimize travel expenses. Several more instructors will be added in other specialty areas in the near future.

In the next News edition I will pass along more training program information that will be available from this Dynamic Team. To find out more contact: Laura at [info@forestapps.com](mailto:info@forestapps.com) or call our office at 770-459-3791.

# 2005...

# 2006....

# 2007.....

Thank you...  
Husqvarna, PFERD  
and Oregon for your  
2004 sponsorship of  
the news!

# HMMWV Update

It's getting much closer to completion. Mechanically the engine seems to be in great shape. I pulled the transmission and transfer case and they both are rebuilt now. Pinion seals, and other seals replaced. Leaks are now all dried since last update. Cooling system has been check out and ready for winter work.

The real progress has taken place on the outside aesthetics and under the work cover.

I located a set of Dick Cepek racing wheels and had them mounted with BF Goodrich Radial TA's. These tires I've used on other vehicles and they offer great traction off road and also smooth long miles on the pavement as we pull it behind the bus. The wheels made a huge difference in the look-appeal of the truck. I also added a spare tire carrier and spare to the rear of the truck. To do this a bumper was fabricated and reinforced to hold the military carrier unit. Really looks great and is quite functional. I hope to add a custom cover to the spare wheel soon.



To Finish



Start

Inside the work cover we added holders for three saws and two pole units. The holders keep a large Husqvarna Clearing Saw and a Pole Saw in tact. These units are manufactured by GridIron® and really do a great job keeping everything secure.

Two Optima all position batteries give added power to the truck batteries and also power a 110volt inverter. I have power to run sharpeners and other corded tools. A 2-gallon air compressor runs off the inverter to clean equipment and power air tools.

It's taking a very functional life... Soon we plan to begin the cab area customizing. A few comfort details, a little new indoor paint and soundproofing.



I've had several people ask how to find these military units. There are only a very few left. The military doesn't plan any future sales on HMMWV's. If you want to know more, you can check it out under Interesting links on our website. Click on Military Trucks or send us a message and we will get you in touch with CSI, Inc. They specialize in military vehicles of all sizes.

Stay tuned for the next episode!

Good Sawing, Tim



Still to complete...

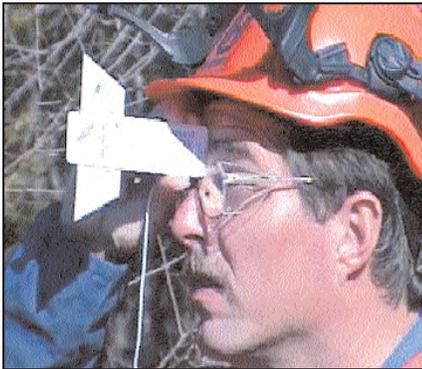
- \*Chain grinder.
- \*New tail and marker light lenses.
- \*Interior completion

# LAURA'S CORNER

## Up A Tree...

Is it important to know how tall a tree may be? If there are hazards and obstacles within its reach, it may well be! Now you can be a bit more confident in your planning process before felling a tree. The Cross-Sight from Forest Applications Training, offers you pocket size tree measurement. Folding to fit easily in your pocket, you can now have a tool at hand to quickly size up a tree.

You can read more about the Cross-Sight on our web at <http://www.forestapps.com>. The tool may be purchased from **our new eStore on the web** or from Sherrill, Inc. at 1-800-525-8873. The cost is \$12.00.



## Cross-Sight



Find out more on our **NEW e-book...**  
**The Complete Guide to Chain Saw Safety & Directional Felling**

Visit our website at  
[www.forestapps.com](http://www.forestapps.com)



**Happy Holidays to our Sponsors, Husqvarna, Oregon, PFERD and to all our dedicated Forest Applications News subscribers.**

I hope each of you have had the opportunity to take time with your family during the Holiday Season.

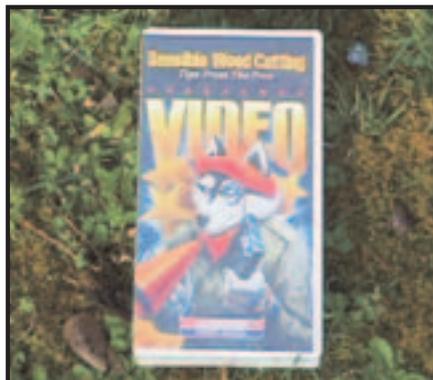
As we are planning the 2005 calendar, anyone that is thinking about holding a training session needs to contact Forest Applications Training, Inc. as soon as possible. Training provides a vital part of your employee's relationship with his/her job safety. We have many ways to accommodate your training needs. Visit our web site [www.forestapps.com](http://www.forestapps.com), look under programs, there you will find the outlines of our training programs and the topics covered during the training session. We also can specifically tailor a program to meet your job application. If you would like to schedule your training dates with *Forest Applications* you can reach Laura by e-mail [laura@forestapps.com](mailto:laura@forestapps.com) or by calling our office at 770-459-3791. Start today and empower your employees to think **SAFETY 1st**.

**Happy New Year to each of you!**

**Thank you National Sponsors Husqvarna, PFERD, Oregon for your continued support for 2005**

Safety First,

*Sensible Woodcutting Videos* are still available. Contact us via the website registration and we will send it to you no charge!  
<http://www.forestapps.com>



Need chain saw safety material to use for your tailgate and scheduled safety meetings? The Forest Applications Website has articles and pictures you are welcome to use. Surf around the site when you get a little time...

Another great resource is our Forest Applications eBook. You can access it through your laptop on a tailgate for a super presentation to your employees. Pick a technique or discuss a hazardous situation with the crew - all at a click of the mouse. Or with the SP version you can print a section for your use. Give it a look-see at [www.forestapps.com](http://www.forestapps.com)



## The Oregon® Maintenance and Safety Manual

is the premier book in the chainsaw industry on how to safely and effectively use and maintain the cutting attachments on your chainsaw. This important manual has been broken down into 11 "chapters" as listed below. Each chapter is a separate .pdf file. Also, there is a link to The Complete Oregon® Maintenance and Safety Manual in one single .pdf file just below the illustration of the manual's cover. The Maintenance and Safety Manual is provided by Oregon® to help you be smart, be sharp, be safe, and be productive as you use and service the chain, guide bar, and sprocket on your chainsaw.

Online you can find the manual by clicking the link:

[http://www.oregonchain.com/tech/manual\\_maint.htm](http://www.oregonchain.com/tech/manual_maint.htm)

If there is an area of chain maintenance you need to improve upon, or other areas of chain saw maintenance in general, this link to the Oregon® Maintenance and Safety Manual is for you...



Forest Applications Training, Inc. is proud to have Oregon® as a National Sponsor of this News publication and our training programs across the country.

Visit the Oregon® website at <http://www.oregonchain.com>. You can find a lot of information on products, safety and general use of chain saws as well as purchase from their unique on-line dealer system. Let'em know where you heard about it... Tim

CNBC's "Pick of the Week" recently featured the Oregon Cutting Systems Group of Blount, Inc. The program, hosted by Terry Bradshaw, portrayed the company's original cutting chain, its inventor and company founder Joe Cox, and the inspiration from nature that lead to the revolutionary new product in 1947.



Other highlights from the "Pick of the Week" include the company's latest cutting products used on chainsaws, lawnmowers, trimmers, and a concrete-cutting chainsaw marketed by another Blount International business segment.

<http://www.oregonchain.com/new.htm>

Check out the link to the Terry Bradshaw's Pick of the Week . You'll see Tim's contribution to the news reel...

<http://morgause.tacni.net/bnc/blount/blount5min128k.wmv>

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## Reduced Weight... The Light Way To Guide Your Chain!

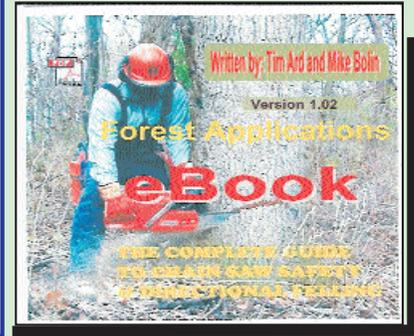


## eBook

Order your eBook online at the New Forest Applications Training eStore.  
<http://www.forestapps.com/e-book/eStore.htm>

The Forest Applications Training eBook has over 200 pages, 180 photos and 13 unique video clips. All can be read, seen and played from your computer. This is a great training tool for tail-gate sessions, new employees or just as a great refresher for yourself. Get yours today for as little as \$19.95 including shipping and handling from the eStore. Pay by credit card on the secure authorize.net pay connection from our website or call 1-800-208-6171 pin# 1235 to place your order.

If you're not computerized... a black and white printed version is available for only \$ 29.95 + \$4.00 shipping and handling.

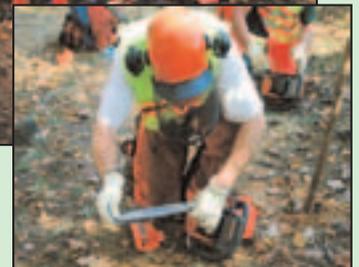


## Road Review



GA LTAP program near Brunswick, GA. You can go by and inspect our work... It's at the Glynn County rest area south of Savannah, GA on I-95. These folks dropped 85 ft pines between the light poles and tables with ease. The second of several hands-on programs designed for the GA LTAP. Training for city, county and state employees. It was a blast!

VA DOT Trainer/Instructor Group - Graduates of a week long Saw program with Virginia DOT. Maintenance, Felling and Limbing at Blackstone, VA. Great Job!



## If I Only Knew...

By Tim Ard

If I only knew then what I know now? Is this a common question or a statement? We all remember when we attempted a task and revisited it a few days, weeks, or years later to discover a much better and probably much safer way of accomplishing the task. A different way of performing the task that would have saved a lot of time and perspiration in accomplishing it.

A few weeks back I ran across an old friend I hadn't seen in several years. He, after a conversation of what I do now, began telling me a story of a tree. As I mentioned last quarter, everyone has one... His experience began with a large poplar tree that had grown up too close to a house. He felt like he would take a morning out and quickly cut it down.

Being close to a house, he felt it would be wise to place a rope in the tree. He climbed it as far as he could, tied a rope to a substantial part of the trunk, came down and laid the rope out in front of the tree with his tractor at the end for added measure. He was set! Sharpened up the saw and was ready to go.

As he cut the "pie" in the tree in the preferred direction and began to cut from the back of the tree, the tree sat back on the saw. He decided there was nothing to do now but to pull on the rope, he utilizes the tractor. He was able to get enough movement in the right direction to get the saw bar loose and to finish the cut. The tree, for a time, was headed right toward the house. To say the least, he had a bit of a "pucker-factor" experience...

In listening carefully to this story, which by the way, ended in a success for him, I began to think through his perils and remembered experiences I've had, and or other's stories, which have afforded me success in similar tasks.

### Mechanics of the Notch and Hinge

Instead of just considering the notch a pie, think about the notch allowing the hinge to work. The notch must be open enough to allow the tree to pivot on its hinge toward the ground without stressing or breaking the hinge. A 70-degree open-face notch assures the hinge controls the travel of the tree until it is somewhat parallel to the ground. Approximately 70 degrees of fall before the steering hinge is broken. This open face notch also reduces the chance of the tree to rebound. Rebound is the jumping back behind the stump action of a tree during the fall. If you observe a tree trunk during the fall, physics or something, causes the butt of the tree to try to slide back behind the stump.

# Husqvarna

**Tough Name. Tough Equipment.™**

## New HUV available from Husqvarna.....

Question is - your saw is ready to cut, your mower ready to mow, your trimmer ready to trim but to get to the job site at the back of the property you have to walk till the cows come home. How am I going to get there and not be too tired to work? Yes, a Husqvarna Utility Vehicle...

Now available through your local Husqvarna dealer. A four-wheel drive go anywhere (almost) work buggy that meets the tough requirement of your task just like your other Husqvarna Power Equipment. Traction to get there, power to spare, roll cage and a hydraulic dump feature.

This vehicle is the answer to take workers and their tools up the mountain to the worksite. Loggers, tree worker, landscaper- this ones for you...



The center weight of the tree trunk and crown will consistently try to seek the stump. This happens more often with a notch that's less than 70 degree and little or no stump shot. Stump shot is formed by a back cut that is higher (one to two inches) than the apex or back corner of the notch. This stump shot attempts to lock the trunk in position on the stump by creating a step or ledge to lock onto. To me, in my experience, I prefer to rely on the hinge attached to

*continued on Page 8*

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Check the Website for up-to-date schedule listings

Jan 2005	
18-21	SWFWMD - Brooksville, FL
22-26	Husqvarna meeting Tampa, FL
24	Preferred Turf Equipment - Florida (Husqvarna)
27-29	Amsler's Saw - Brooksville, FL
Feb 2005	
2	Husqvarna Demo - Ocala, FL
3-4	Steven Counts, Inc. - Training- Ocala, FL
10	GA DOT Foreman's Academy - GA
22	Demo - Birmingham, AL (Husqvarna )
23	Asplundh Demo - Prattville, AL (Husqvarna )
March 2005	
3-6	Cal Ploy University - CA (Husqvarna)
12	Tri-State Landowners Conference - WI (Husqvarna )
22-23	GA LTAP - Gainesville/Athens, GA
31	Roads Management Conference - Hershey, PA
April 2005	
3-5	Roads Management Conference - GA
7-8	GA LTAP Training TBA (tentative)
16	Alabama Forest Owners Association Demo (Husqvarna )
May 2005	
9-28	New England Training Tour - RI, MA, CT (tentative)
June 2005	
7-8	Logger Program - Covington, VA
10-11	Maryland Logger Field Days - Oakland, MD (Tentative)
14-17	Trail Worker Training - Great Smokey Mtn Park
21-23	GA LTAP Small Engine Course (tentative)
July 2005	
14	Logger Program - Covington, VA
28	GA LTAP Small Engine Course (tentative)

**If you haven't** -- check out the Forest Applications website. You will find updated calendar events, special articles, up to date news, online newsletter... E-mail your questions, techniques, training interests and ideas of articles you would like to see in the news. All at <http://www.forestapps.com>  
e-mail: [info@forestapps.com](mailto:info@forestapps.com)

Have you tried one or all of the products we show in the News? Husqvarna Saws, Oregon Chain and Bars, PFERD Files, PFERD Chain Sharp/SharpForce, See Clear?

Send us a note and let us know what you think!

E-mail us at [info@forestapps.com](mailto:info@forestapps.com)



# Important .....

## Keep your Forest Applications News coming...

On the top of page one - check your printed mailing label. On the top line will be a date. The date indicates your subscription's end. If that date is past or you do not have a date listed it's time to renew your subscription to the News.

The Forest Applications News will continue to be available to readers *free of charge* on our Forest Applications Training website and also in the printed version mailed to your address *for four editions* following you attending one of our demonstrations or training programs.

After being on the mailing list for four editions, you make the selection to continue receiving the news for the following three years at a nominal fee of \$10.00 for a total of twelve editions – only \$.84 per issue. Your three-year subscription totaling \$10.00, is payable by check, cashiers check, or money order to Forest Applications Training, Inc. **You can also now pay by Credit Card from the eStore on our website at [www.forestapps.com](http://www.forestapps.com).**

### Don't miss the News!

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Mail with \$10.00 payment to: Forest Applications Training, Inc., PO Box 1048, Hiram, GA 30141-1048

### If I Knew... Continued

the tree stump verses a step on the stump and a broken hinge.

#### Place a Tag from the Ground

Perhaps climbing a tree is good exercise and there are sometimes reasons to climb. To just place a rope however, a throwline system makes it much safer and easily achievable for the earth. This simple weight bag and a slick, small diameter line can place a rope easily in the upper section of the tree without too much practice. After the throwline is over a selected limb crotch close to the trunk, you can tie a larger pull line on and hoist it up into the tree. A rope placed high in the tree gives a much greater tag/pull line advantage.

#### Wedge Support

Before allowing a tree to sit back on your saw, place a simple wedge in the back cut to support the tree. A wedge can also be used to lift the tree, pivoting the tree on the hinge to its desired ground location. This technique can be accomplished with several back cut variations but the emphasis should be placed on inserting the wedge in the saw slot (kerf) prior to any movement or possible movement of the tree.

#### Last but Not Least - Should be First

To take a minute and check the lean from two positions will give you a better understanding of the tools and technique needed to fall the tree. You should check side (left to right) lean in front of the tree and then forward or back lean parallel to the hinge, 90 degrees to the fall direction. If the tree leans back, you know a wedge is in order to support the tree from setting back more. Even when using a rope to pull, it is better to use a wedge for support of any back weight than to have the tree rock around or set on the saw. Remember too, if the tree sets back on your saw you have more back weight (lean) to overcome to get the tree to fall in the desired direction.

#### Another First

And don't forget that even with the best plan, a great saw and an easy tree - Wearing Personal Protective Equipment (PPE) is common sense for the saw operator. A helmet, eye, face, ear, gloves, leg protection and

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**... order your ChainSharp  
PFERD sharpening tool.  
How?  
Call PFERD 1-800-342-9015**

### PFERD

We are amazed at the continued interest in the PFERD Chain Sharp (Husqvarna SharpForce) tool. Everywhere I go people are asking where to buy it and more details as to how to use the tool. - Tim

heavy boots (preferably chain saw resistant) are a wise choice. Think and wear it!

*If you haven't heard of these things and are at least reasonably capable of putting them in a plan - I would strongly suggest you plan to contact a professional... an accident is an unplanned event!*

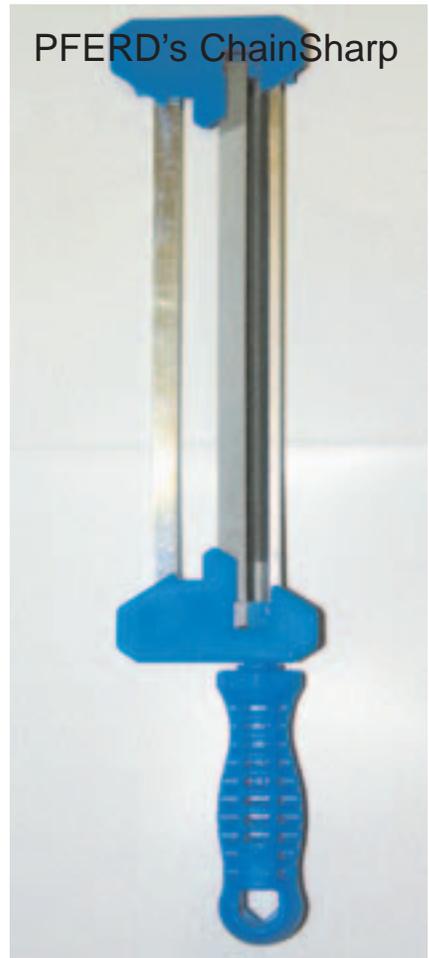
### PFERD

By Tim Ard

More, more and even more saw operators are discovering the ease and functionality of the PFERD Chain Sharp tool. Every training session I have two or more attendees come up to me and ask about the tool. Someone at their work bought one or they saw it at a previous Forest Applications Training, Inc. demonstration or training session. They want to know how they can get one...

These tools are available through any PFERD dealers.

*The PFERD sharpening tool is available from stocking Husqvarna Dealers nationwide. Husqvarna markets the tool (in Orange) under the SharpForce brand name.*



# PFERD

THE SHARPENING TOOL

### eStore

We have had such a great response to our eStore over the past few months we decided to make it a little more up to date with a real shopping cart service. You can now go to the eStore from several areas of the web-site and when you do, you can easily select one of the **Forest Applications Training eBooks, Cross-Sight tool, or re-subscribe to the Forest Applications Training Newsletter.** Just fill your shopping cart and click check out. You are taken to a fully secure check out and credit card processing system to complete your order. It's fast, safe and simple and all from the convenience of your computer desk.

[www.forestapps.com](http://www.forestapps.com)

### Don't Forget...

**Contact us with your desired training dates for Winter and Spring 2005**

**Check out [www.forestapps.com](http://www.forestapps.com)**

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