



# The DoveTale

May 2006

Woodworkers of SouthEast Texas

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Programs Rob Emanuel, 729-9315  
Web Master Rob Emanuel, 729-9315  
Projects Dean Partridge, 722-7647

Members:	66	Present:	15	Visitors:	0
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Our Next Meeting will be June 26<sup>th</sup>

## May 22<sup>nd</sup> Meeting

We held our May meeting at Acadian Hardwoods. Business items included:

- Howard Hartman - \$3,128.30
- Richard Hicks - Membership at 66
- Web Site - Rob Emanuel reports we have some new pictures on our website: [www.wwset.org](http://www.wwset.org)
- Toy Project: We're looking for ideas for new types of toys and a project leader
- Programs: Rob Emanuel is our new program chairman. Please help him with ideas and presentations.
- Steve Brady will continue to handle our raffles.

## Show & Tells



Earl Rutherford turned this bowl out of black walnut and added a nice inlay.



Howard Hartman brought his original Kreg Jig tool for Waid to use in his presentation. Boy, they have made a lot of improvements since Howard's version 1.



Sue Caldwell used her scroll saw to make this intarsia featuring a duck and wild flowers.



Winnie Rudd cut her Nantucket Light House intarsia out of a lot of different woods.



Waid Gauthier built this white oak Kneeling Alter for a friend that studying to be a minister.



Glen Kenney made this sign to describe his shop and Bar-B-Que house, which are recovering from other uses after Rita.



Jody Cowart brought two items; A fence stop block for his table saw and an example of his first decorative dovetail

joint made with his new Leigh dovetail jig. When Jody buys a new tool, he always picks the most challenging project in the book to learn how to use the tool.

### Door Prize

Jody Cowart was the lucky door prize winner this month. He had two show & tells and his prize was worth \$35.

### Mark Your Calendars

Waid Gauthier will host our next Saturday Program Meeting at his shop in Bridge City. The meeting will start at 1 PM on Saturday, June 17<sup>th</sup> and cover the 'hands-on use' of the Kreg Jig pocket hole system to construct cabinets.

Directions to Waid's shop:

Turn off HWY 62 onto Hoo Hoo Road. Stay on Hoo Hoo road (it's black-topped), turn left, then right. Turn left again on McGuire, then right on Woodlawn, then left on Woodthrush. Waid's house and shop are at the end of Woodthrush. Waid's address is 3375 Woodthrush and his phone is 735-8392.

Our next regular meeting will be June 26<sup>th</sup> at **Woodworker's Paradise in Lumberton** starting at 7PM. B.J. Holt will present a program and

demonstration of a chain saw mill. It's an alternative to the larger band saw mills that you might want to consider if you have just a few logs to cut.

Dr. Vardeman has invited us back to his shop north of Beaumont for our July 24<sup>th</sup> regular meeting to check the progress he's made on his boat. Hurricane Rita really slowed him down, but this may be the last time we get to see the boat on dry land.

### Program

Waid Gauthier did an excellent job on this month's program - 'Using the Kreg Jig for pocket hole construction of woodworking projects'.

He started by explaining the basics of pocket hole construction.

- Uses: you can use pocket hole construction to join things like cabinet face frames, edge trim and even join boards for table tops. Pocket holes work equally well for edge joints and right angle joints.
- Screws: use pan head with fine threads for hardwoods and washer head with course threads for softwoods. The most common size is 1¼" long for ¾" stock.
- Plugs: try to design and construct your project so that the pocket holes are hidden. When that's impossible, Kreg makes wood and plastic plugs that help hide the holes. Waid likes to use the Fein Trim Tool to trim the plugs to the surface of the stock and then uses a sander to finish smoothing them.
- Stock thickness: pocket hole construction works well with stock that's between ½" and 1½" thick. Set the bit depth 1/8" from the bottom of the jig.

The latest Kreg Pocket Hole Jig, model K3, has a lot of improvements over previous models:

- A front mounted, spring loaded clamp that eliminates reaching around the stock to activate the clamp and having to adjust the clamp settings for slight variations in stock thickness.
- A dust port that's very effective in removing the wood chips generated by the drilling process. This extends the bit life and eliminates stock positioning errors. The dust port works best with a shop-vac.
- A special clamp designed for the assembly of right-angled joints. One jaw of the clamp is designed to fit inside the pocket hole while the other holds the adjoining piece firmly in place while you drive the screws.

There are many advantages to using pocket hole construction for your projects...

- Eliminates the need for a large supply of bar clamps
- 'One-man' construction of even really large cabinets
- No need to wait for glue to dry before going to the next construction step
- Eliminates 'glue joint creep' often associated with clamped joints
- Easy to make joints 'dead flat' so they require very little sanding
- Strong, permanent, mechanical bonding helps strengthen the glue joint

Pocket Hole tips:

- Use a high-speed electric drill, with >2200 rpm, to drill the pocket holes. Slow drilling speeds (battery powered drills) will clog the hole with chips causing the bits to jam and break
- Use the correct length and thread screw for the type material you are joining
- Use good quality screws and the correct torque setting on your drill to keep from breaking screws

Waid, thanks for a very informative program on Kreg Jig Pocket Hole construction.