**INCRA®**

**PROJECTS & TECHNIQUES**

BY PERRY MCDANIEL

Projects, tips and techniques that benefit any generation of INCRA Fence System.

FOUR Exclusive NEW INCRA Joints, plus FREE Templates for making the spectacular INCRA Double-Double Through Dovetail™ and INCRA Cornerpost Eagletail™

INCRA LS Positioner

INCRA Jig Ultra

INCRA Jig Ultra Lite

NEW JOINERY
PROJECTS & TECHNIQUES

BY PERRY MCDANIEL

14 ORIGINAL INCRA PROJECTS, 4 EXCLUSIVE NEW INCRA JOINTS AND A WEALTH OF TIPS & TECHNIQUES THAT WILL TURN YOU INTO A REAL INCRA “PRO”

PUBLISHED BY: TAYLOR DESIGN GROUP, INC., P.O. BOX 810262, DALLAS, TEXAS 75381
visit: www.incra.com
**JEWELRY BOX**

A unique bevel cut lid and bottom frame give this elegant jewelry box, featuring the new INCRA Cornerpost Double Dovetail Joinery, a distinctive oriental flair.

**DECORATIVE PLAYING CARD BOX**

Strip laminations and the INCRA Double Dovetail Joinery give this piece a very distinguished look.

**TRAIN WHISTLE**

No musical background required, this easy-as-pie project plays a two note harmony that no child can resist.

**SLIDE WHISTLE**

If you remember this fun filled whistle from your childhood, you’ll want to make sure that your children, and theirs, remember it too!

**PLAYING CARD BOX**

This elegantly simple design features half-blind dovetail joinery and lift off lids.

**TRIVETS**

A design inspired by the Egyptian pyramids, the intricate pattern on the floating panel is cut by synchronizing four different router bit diameters.
WOODEN DOMINOES ........................................ 98
No painted dots on these handcrafted dominoes - they're engraved! A true collector's set.

DECORATIVE DOMINOES BOX ............................. 129
With the lid closed, the thin strips of wood in the top lamination align perfectly with details in the Double Dovetail Joinery of this striking box.

DOMINOES BOX .............................................. 124
An easy to build project designed to hold your favorite set of dominoes.

INCRĂ CORNERPOST EAGLETAIL ........................ 69
More than just a "dove" tail, the Cornerpost Eagletail will lift your woodworking skills to new heights.

INCRĂ DOUBLE-DÔBLE THROUGH DOVETAIL™ .... 55
One of the fanciest joints ever invented. Once you've mastered this, you're a certified INCRA PRO!

CUTTING BOARD ........................................... 82
Contrasting strips of wood arranged in a simple geometric progression create a tantalizing visual effect.
**SLIDING DOVETAIL BOOKEND**

Decorative lamination techniques are combined with the natural wedging action of opposing dovetails to produce a functional and attractive bookstand for your desk or mantle.

**BUSINESS CARD CASE**

Carry or display your cards in this streamlined case highlighted by an integral wooden hinge. Impressive!

**TRINKET BOX**

A dramatic box design outlined with contrasting woods and featuring a laminated raised panel lid, INCRA wooden hinges, and a striking angular lift handle.

**INCRA CORNERPOST DOVETAIL™**

A dramatic and very versatile joint that can be made with any of the standard INCRA dovetail templates.

**INCRA CORNERPOST DOUBLE DOVETAIL™**

This attractive variation of the Cornerpost Dovetail transforms the INCRA Double Dovetail into a decorative joint visible from all sides.

**INCRA ROUTER TABLE PLANS**

**TIPS & TECHNIQUES**

- **GETTING STARTED**
- **CENTERING & ZEROING**
- **STOCK THICKNESS, ROUTER BIT & TEMPLATE SELECTION**
- **BOXES MADE TO ORDER**
- **INSTALLING BOX BOTTOMS**
- **LINING WITH LEATHER**
- **COMPARTMENTS & LIFT OUT TRAYS**
- **STRIP LAMINATIONS**
- **MORTISING TEMPLATE FOR INCRA WOODEN HINGES**
- **VERTICAL HOLDING/TENONING JIG**
- **RAISED PANEL CUTS**
CONTENTS:

I. INTRODUCTION .................. 7
   Safety ................................................. 8

II. GETTING STARTED ............... 10
   Glossary ............................................. 11
   Router Table Components .................. 12
   Custom INCRA Router Table Top ............. 15

III. TECHNIQUES .................... 21
   Centering and Zeroing ...................... 22
   Stock Thickness, Router Bit and Template Selection .... 25
   Boxes Made to Order - Calculating Stock Length for Jointery ......... 27
   Installing Box bottoms - Stopped Mortises ............... 30
   Lining with Leather ................................ 34
   Compartment and Lift Ote Trays ............... 36
   Strip Laminations ................................ 41
   Hinge Mortising Template .................... 44
   Vertical Holding/Tenoning Jig ............... 48
   Cutting Raised Panels with Your Vertical Holding Jig .......... 51

IV. INCRA JOINERY ................. 52
   INCRA Double Joinery Without a Thickness Planer .......... 53
   INCRA Double-Double Through Dovetail™ .................. 55
   INCRA Cornerpost Dovetail™ .................... 62
   INCRA Cornerpost Double Dovetail™ ............... 65
   INCRA Cornerpost Eagletail™ .................... 69

V. PROJECTS ...................... 72
   NON-JOINERY PROJECTS ................ 73
   Train Whistle ..................................... 74
   Slide Whistle ..................................... 78
   Cutting Board .................................... 82
   Trivets ............................................ 88
   Sliding Dovetail Bookstand ................... 92
   Dominoes ........................................ 98
   Business Card Case ......................... 106

   BOXES ........................................ 113
   Playing Card Box ................................. 114
   Decorative Playing Card Box .................. 119
   Domino Box ..................................... 124
   Decorative Domino Box ....................... 129
   Trinket Box ...................................... 132
   Jewelry Box ...................................... 138
Perry McDaniel
The author is an accomplished woodworker who teaches INCRA JIG classes throughout the country.

"Accuracy is addictive. Once you have experienced the accuracy and repeatability of an INCRA JIG positioning system, you'll find it difficult to return to those former methods and techniques. I have often sat, holding the Double-Double Box Joint or the INCRA Double Dovetail in my hands, quietly reflecting on the techniques I have used to produce this beautiful joint, and thinking 'I have made this. I wonder what else I could do?' The possibilities are inspirational."

Includes Plans for Building Your Own INCRA Router Table!

14 ORIGINAL INCRA PROJECTS
4 EXCLUSIVE NEW INCRA JOINTS &
A wealth of tips & techniques that will turn you into a real INCRA "Pro"

Those beautiful cutting board, sliding dovetail bookstand and business card cases are just a few of Perry's McDaniel's original designs. Complete plans for these and many other projects, as well as exciting new joinery like the INCRA Double-Double Through Dovetail, are included inside.