HOW TO LICENSE YOUR HOMEBUilt AIRCRAFT
This DVD will walk you through each step to successfully license your experimental amateur homebuilt aircraft. The actual FAA forms required are displayed on screen, and where to obtain them and how to fill them out. P/N 13-03609 .................. $29.95

HOMEbuLT HELp ELECTRICAL WIRING TUTORIAL
Explains and demonstrates the common procedures, tools and components required for the basic wiring of a homebuilt aircraft. Demonstrations of crimping, soldering, wire selection and wiring design with simple schematics that are applicable to a homebuilt electrical system. Video length is 1 hour and 20 minutes. P/N 13-03578 .................. $29.95

AIRFRAME CONSTRUCTION TECHNIQUES
Potter, who is an A&P I/A, commercial pilot, and parachute rigger, has worked in the aircraft maintenance field for 25 years. The DVD focuses on modern techniques and tools that are available to a new generation of builders. Some topics covered include: setting-up shop, shop safety, purchasing tools and steel, building and leveling your jig table, lay-out and jigging, cutting and fitting, welding with an emphasis on TIG, completing the fuselage box, bending-in the sides, fitting the tail post, vertical jigging, bending and flattening tubing, building fittings, builders groups and support. This 1 hour and 10 minute DVD takes you step-by-step through the entire building process. P/N 13-06633 .................. $44.85

AIRPLANE PAINTING 101
An excellent 2 hour video in which Sam James takes you, in detail, through the finishing, priming, and painting of his RV-4 with the Dupont Veriprime and Chromabase systems. This video is not as finely produced as some others, but the vast quantity of practical information it contains more than makes up for it. Takes you through the complete process of working an metal wing, a fiberglass wheel pant, and detailed custom design on a horizontal stabilizer. Run Time: 120 min by Sam James P/N 13-06687 .................. $24.95

METALWORKING 101
Targeted to the beginning student of pop-riveted metal kit plane construction. Ideal for the person who is contemplating the undertaking of a metal kit plane project. Takes you thru the actual construction of a Zenith rudder, from start to finish. While it can be used to supplement the construction guide supplied by the manufacturer with this rudder (a CH701 or CH601), it is actually intended to demonstrate to the beginning builder just what tasks and skills are required. General metal building procedures are explained and demonstrated. P/N 13-03369 .................. $28.95

WEIGHT & BALANCE 101 FOR HOMEbuLT
Completing a homebuilt requires you to calculate and document the weight & balance figures for your plane and present them to the inspector...and for many homebuilders this task is confusing and complicated -- however, this video makes this task simple and easy to understand. The video makes it easy for you to understand the concepts required to perform your own weight and balance analysis on your aircraft and then document the findings for the inspection process. P/N 13-03184 .................. $32.95

CANADIAN AIRCRAFT
The DVD has 3 hours of video on canad aircraft, which is truly only a one of a kind DVD. It covers the Cozy MkVII, LongEZ, Berkut, ETracer, SlaggerEZ, Batelkor, Defiant, LongEZ Jet and a custom LongEZ. Want to know what it’s like to build a Cozy aircraft? Or see what it looks like to do a high speed fly-by from the cockpit? Then you’ll want to see this DVD. You’ll get lots of encouragement from every builder for you to continue on your journey to complete your canad aircraft. 60 minutes of air to air shots, high speed fly- bys, take offs and landings. With all the natural sounds as they fly right over head at more than 200 miles per hour!

P/N 13-04280 .................. $42.50

SKYWARD TECHNOLOGY AIRCRAFT ENGINE REBUILDING
De-mystify the overhaul procedures on selected Continental & Lycoming engines. Videos begin with a dismantled engine, show the crankshaft being mounted on a stand and then proceed through complete assembly. These videos effectively present the step-by-step procedures of re-assembly.

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SCRATCH BUILDING BASICS FOR METAL AIRCRAFT
An excellent way to determine if building a homebuilt aircraft from scratch is right for you... you will obtain a full understanding of the trials, tribulations, joys and successes that this type of building process entails. You can’t watch these guys at work and not learn something that might change the way you think about the process and people that build their own planes from scratch! Approximately 3.5 hours in length and divided into 10 video chapters to make navigation and review of desired sections fast and easy. The DVD sets includes web links to plans for building your own sheet metal aircraft and other tools used in this video (you can print out plans on your own printer). P/N 13-04185 .................. $38.95

RV-12 EMPENNAGE TAILCONE
This double disk DVD is the first in a series of videos being developed to cover the entire build process for the Van’s RV-12 aircraft kit. It covers the complete empennage/tailcone kit as supplied by Van’s Aircraft. It is a great starting point to be with your project – there are no prerequisite assemblies that need to be completed before starting. All in the exact sequence of building as specified by the construction manual. Approximately 2.5 hours in length and is divided into various video chapters to make navigation and review of desired sections fast and easy. They are completing production on the subsequent volumes of the RV-12 build (that are also sequenced to the sub-kits as provided by Van’s Aircraft). P/N 13-08950 .................. $48.85

COMPLETE COMPOSITE & FIBERGLASS LIBRARY
All five of our How-To videos on a convenient 2 DVD set. A total of 190 minutes of the most complete guide for using composite materials available anywhere! The Complete Fiberglass and Composite Library contains The Basics of Fiberglas, A Step-By-Step Guide to Molding Fiberglass, Advanced Molding and Plug Construction, Vacuum Bagging and Sandwich Core Construction and The Art of Moldless Composites. P/N 13-05061 .................. $19.95

DEEP INSIDE YOUR ROTAX
You can now see and understand what procedures are involved with the 150 and 300 hour inspection/rebuild services. Alan points out the places carbon accumulates, where the common areas of wear occur, and other signs indicating the possibility of potential failures. The specialized Rotax engine tools are demonstrated as to their function and removing various internal components. Installation and maintenance tricks are also demonstrated and explained for the purpose of heading off future engine failures that can lead to disaster. P/N 13-03370 .................. $34.95

ROTAX 912 INSTALLATION TIPS & TECHNIQUES
This presentation explains the most important details of preparing and installing the popular Rotax family of four stroke engines in your experimental homebuilt aircraft. This reliable, high performance engine will only perform safely if installed as specifically defined by the Rotax installation guide. The important details in this guide are often misunderstood or even ignored completely resulting in catastrophic engine failures and dangerous flying situations. DVD Running time: 1.5 hours. P/N 13-04183 .................. $35.95

BUILDING A GLASS PANEL FOR HOMEbuLT AIRCRAFT
Mark Townsend of CanZac Aviation takes you step-by-step from the planning stages through the actual fabrication procedures and wiring for a combination glass/conventional instrument panel for an experimental aircraft. 80-minute DVD. P/N 13-04969 .................. $23.95

RV Rudder Workshop
This instructional video has 2 major sections: The first section contains an overview and demonstration of the tools and techniques that are required for building an RV aircraft. These specialized building techniques center around riveting with solid rivets - essential for the RV aircraft. Many specialized tools are required for this type of construction and are discussed and demonstrated. Techniques that are shown include: dimpling, countersinking, deburring, drilling, back riveting and pop riveting. A full discussion of the types of rivets that are used along with their important characteristics is included in this first section of the video. The tools for measuring proper rivet setting (rivet gauges) are shown and demonstrated. Some of the tools that are featured include: hand squeezer, pneumatic rivet gun, flush and universal rivet sets, dimple dies, back rivet sets, scratch block polishing wheel and deburring tools.

P/N 13-04791 .................. $31.50