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This program is divided into three training modules. Each module will describe a specific case where the possibility of thunderstorms was questionable and resulted in a clash with other official and unofficial National Weather Service (NWS) guidance. For each case, we’ll first identify the forecast(s) and then integrate other meaningful guidance into the analysis to show that the questionable forecast was truly unreasonable with respect to the development or lack of development of thunderstorms. Instrument rated or not, this program is designed to show the pilot how to recognize a bad objective forecast early in the process.

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PRIVATE PILOT FLIGHT MANEUVERS

The purpose of this manual is to help in the explanation, visualization and execution of the flight maneuvers required for the Private Pilot Practical Flight Test. Students preparing for their oral and flight test will find this manual helpful. Any pilot preparing for a Biennial Flight Review (BFR), can use this manual as a refresher on maneuvers that you may not have executed in quite some time. Flight Instructor applicants and Certified Flight Instructors will find this manual a beneficial teaching aid.

The manual breaks down each maneuver required on the Private Practical Test in six parts: FAA objective for the maneuver. FAA completion standards. General description of the maneuver. Detailed step by step textual description on how to execute the maneuver as recommended by the FAA. References to FAA publications where the information was compiled from. Detailed graphic profiles summarizing the procedure in a visual format. Also included are airspeeds, pitch attitudes, bank angles, power settings and configuration for a Cessna 172R plus to add the same information for up to three additional aircraft.

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GLEIM PRIVATE PILOT KIT – Designed to help you expedite your training for your private pilot certificate. A complete training program at a price you can afford. “User-friendly” self-study materials that are carefully designed to make it easy for you to learn and understand. FAA Test Prep CD-ROM and books. Gleim Publications has responded by providing FAA Audio CD, which is available on compact disc. P/N 13-035683 $64.95

GLEIM COMMERICAL PILOT KIT – SIMPLIFY and FACILITATE your training for your instrument pilot rating. They prepare “user-friendly” self-study materials that are carefully designed to make it easy for you to learn and understand. FAA Test Prep CD-ROM is included. P/N 13-035685 $161.75

GLEIM INSTRUMENT PILOT FAA AUDIO REVIEW – Gleim’s customers have requested audio lectures to accompany the Test Prep CD-ROM and books. Gleim Publications has responded by providing FAA Audio CD, which is available on compact disc. P/N 13-035683 $64.95

GLEIM INSTRUMENT/COMMERCIAL PILOT COMBO KIT – The Instrument/Commercial Pilot Kit is designed to SIMPLIFY and FACILITATE your training for your instrument pilot rating. They prepare “user-friendly” self-study materials that are carefully designed to make it easy for you to learn and understand. FAA Test Prep CD-ROM is included. P/N 13-035683 $161.75

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GHOSTS 2014 CALENDARS
Renowned aviation photographer Philip Makan- 
na has captured the essence of this era in his 
GHOSTS of The Great War and A Time Remem- 
bered -2014, a large-format calendar that features 
his stunning, air-to-air, color photographs. In this 
edition, his images depict 
the beginnings of military 
aviation. The calendar 
continues through to the 
advanced aircraft that appeared at the war's end. 
Stunning images and an evocative day-by-day 
history of the aviation (and related) events of the 
period combine to describe the beauty, the ro- 


2015 AIRCRAFT CALENDARS
Military Jets 2015 .................................................P/N 13-06589........................... $14.95
Ghost Warbirds 2015 .............................................P/N 13-06588........................... $14.95
Helicopter 2015 .....................................................P/N 13-06590........................... $14.95
Shock and Awe 2015 (shown) ............................P/N 13-06591........................... $14.95
General Aviation 2015 .........................................P/N 13-06592........................... $14.95
Commercial Aircraft 2015 .................................P/N 13-06637........................... $14.95
Air to Air Warbirds 2015 .......................................P/N 13-12968........................... $16.95

BOMBSHELLS WARBIRDS 2015 PIN-UP CALENDAR
It's the ultimate Warbird Pinup Girls collectors pho- 
tography stockbook. Featuring never before seen shots 
of the entire collection including some sneak peeks into 
the upcoming 2015 calendar. Featuring production work 
photography and beautiful models decorously 
dressed and photographed with each plane. The 
calendar comes individually wrapped and is in full color, 
12x18 inches
P/N 13-06211................................................... $19.95

2015 AVIATION LEGENDS CALENDAR
This is a hardcopy product, measuring 8.5” x 11” 
when closed and 23.375” x 11” when fully opened! 
The first of two T-Ref used to private pilot training. 
This first T-Ref provides many important 
acronyms that a student pilot must know, as well as 
important information about the airport environment, 
hypoxia, landing tips, and many other important ele- 
ments of flying!
Private Pilot T-Ref 1 ..................................................P/N 13-12742........................... $13.95
Private Pilot T-Ref 2 ..................................................P/N 13-12743........................... $13.95
Instrument Pilot T-Ref 1 ..........................................P/N 13-12740........................... $13.95
Instrument Pilot T-Ref 2 ..........................................P/N 13-12741........................... $13.95
Weather T-Ref .........................................................P/N 13-12744........................... $13.95
T-Ref Complete Package ........................................P/N 13-12745........................... $47.50

GHOSTS of The Great War and A Time Remem- 
bered -2014, a large-format calendar that features 
his stunning, air-to-air, color photographs. In this 
edition, his images depict 
the beginnings of military 
aviation. The calendar 
continues through to the 
advanced aircraft that appeared at the war's end. 
Stunning images and an evocative day-by-day 
history of the aviation (and related) events of the 
period combine to describe the beauty, the ro-
AN INTRODUCTION TO ALUMINUM WORK
5 DVD Set Includes:
- Shaping Aluminum Wheel Pants
- Shrinking Magic
- Basic Damage Repair on the Aluminum Body
- Sheet Metal Repairs to the P38 Lightning
- Metal Aircraft Construction Methods

These 5 DVDs cover hand tools, measuring, cutting, forming, form blocks, riveting, patterns, bucks, shrinking, stretching, and some gas welding on the aluminum, too.

P/N 13-13035 ...................... $129.75

METAL AIRCRAFT CONSTRUCTION METHODS
This fascinating look inside the airplane factories shows just how we produced over 330,000 aircraft in 4 1/2 years. Patterns, blanking, forming, and assembly are shown, of course, but so also are pressformers, drop hammers, metal spinning, and power hammers. And then we show the complicated assembly process of the P-39 Airacobra!

P/N 13-13049 ...................... $64.95

AIRCRAFT STRUCTURAL TUBING
3 DVD Set Includes:
- 4130 Chromolomo Airframe Construction (2 DVD set) - Repairing Structural Tubing. The 4130 DVD: Three EAA Technical Counselors (over 60 years' total experience) show you the procedures necessary to construct a complete airframe from plans.

P/N 13-13051 ...................... $76.90

REPAIRING STRUCTURAL TUBING
This class teaches measuring, geometry, straightening, cutting fishmouths, fitting, splicing, and welding to repair some fuselage damage. A fine companion to our full-length 2-DVD series, 4130 Chromolomo Airframe Construction.

P/N 13-13044 ...................... $39.95

AUTOBODY STEEL PATCH PANELS
No machinery here—just common hand tools and a welder (torch or electric). The first part shows how to fit the ‘one size fits all patch panel into an early Ford door. The second part shows how to form complex patches on your own to repair a ‘34 Ford grille by hammering and butt welding.

P/N 13-14852 ...................... $24.99

SHEET METAL REPAIRS TO THE P38 LIGHTNING
Learn to make a perfectly fit and contoured “coin” or flush patch on a compound surface using only basic, non-powered hand tools – the same standard aviation tools and methods that are still used today, but you get to learn them on a classic airplane!!

P/N 13-13045 ...................... $19.95

FLUID FORMING COMPOUND SHAPES IN ALUMINUM PARTS
Use water pressure and a cavity to form sheetmetal parts, with either city water pressure or an inexpensive high-pressure pump. See detailed coverage of the pressures required for various sized parts, the inexpensive pumps available, and some engineering designs for the cavities. We make aluminum shapes that are smooth and free of marks, although other types of sheetmetal can certainly be “inflated” into some interesting shapes.

P/N 13-13046 ...................... $29.95

ALUMINUM WELDING METHODS (ALCOA)
This film covers basic production oxy-fuel welding with both hydrogen and acetylene, with torch settings, joint setup, mixing the flux, and basic technique. Methods for both thin and thick sections are shown. Shows proper preheat and preheat methods for heavy sections, and proper edge beveling and gapping also. An excellent resource. Being as old as it is, it also details stick weld- ing, carbon arc, atomic hydrogen, and spot welding methods and machines. You can learn a lot about these methods, which are probably not shown much anywhere else. Spot welding is used mainly for aviation construction and the details in this film are quite specific, going over all three machine types. Black and white with loads of “colorful” information.

P/N 13-13047 ...................... $23.95

GAS WELDING ALUMINUM 2.1, “THE DIFFICULT”
(This 2-DVD set is designed to be a companion to our first film, Gas Welding Aluminum.) Setting up the oxy-acetylene welding rig, with lea testing, safety, and proper adjustment of the torch is a standard-but-essential step-by-step procedure. Alloy selection, cleaning and preparation of the material and filler, and mixing and application of the aluminum welding flux are also requisite, so I chose to include them. Crack prevention, which is necessary with the higher-strength aluminum alloys, is shown in depth, and will help to solve a lot of your problems. The intricacies of Butt joints, Tee joints, and Lap joints are thoroughly described and demonstrated. Braising and soldering are covered in two specific segments, with proper cleaning, flux and fller selection and strength and corrosion issues.

P/N 13-13054 ...................... $64.95

CAST IRON WELDING WITH THE TORCH & ARC
Using traditional materials and proven simple methods, this dvd shows you a nearly perfect system to repair exhaust manifolds, pump housings, valve bodies, and some blocks.

P/N 13-13057 ...................... $34.95

FENDER ARCHES
This is a fly-on-the-wall style effort for those who want to watch a complete metal working process. Be the fly-on-the-wall as two metal guys, Richard Ufheil and Kent White, “The Tin Man”, go after a pair of 1935 Packard front fenders needing fender (or wheel) arch replacement.

P/N 13-14851 ...................... $42.85

EYES OF FLIGHT
If you want to learn how to handle, cut, drill, form and care for Plexiglas, then this is the film! Many experienced craftsmen have told me how much they enjoyed this film. Special drills, saw speeds, solvents and polishing techniques are shown, along with the causes of “crazing”. Includes footage from Bell showing how canopies are blown. Warbird footage! Great info!

P/N 13-13048 ...................... $64.95

POLISHING ALUMINUM AIRCRAFT
Also known as the Swift Polishing Video. This “how-to” film was done by the skilled folks at the Swift Airplane Museum. Polishing any aluminum can be frustrating, and a lot of work. I have seen the results of these methods, and must say this is the way to get the finest results (Blankenberg’s Spartan Exec. was done this way). The work is still there, but the trial and error is gone! The tools, the materials, and the methods are clearly defined.

P/N 13-13032 ...................... $33.50

COMPLETE PIPER J3 TRAINING SERIES
Four separate films have been combined into one very educational 110-minute DVD. See how the Piper factory originally built the J-3 in 1937, and then watch how they do a preflight inspection, and annual inspections on airframe and engine! Can you imagine watching the actual construction of a J-3 in the Piper factory in Lock Haven, Pennsylvania? See the step-by-step construction of fuselage, wing, and gear. See fabric covering, control installation, rib forming, and engine installation and runup. Inspiring!! Remember that many of the tube-and-fabric aircraft can benefit from this valuable information.

P/N 13-13033 ...................... $54.95
EAA SPORTAIR WORKSHOP VIDEOS

All videos produced by the EAA SportAir Center

BASIC FABRIC COVERING DVD
Aircraft Fabric Covering is a must for anyone who wants to cover their own airplane. This 2-hour comprehensive video presents every aspect of the Poly-Fiber™ fabric covering process in detail, and is easy-to-understand language. From preparing the airplane for covering to spraying on the colors, you are guided step by step through the entire process by a professional EAA SportAir fabric instructor. When used in conjunction with the Poly-Fiber manual, Aircraft Fabric Covering removes the mystery surrounding this important process in the construction or restoration of your airplane. Information covered includes: • Preparing surfaces • Attaching the fabric • Tightening the fabric • Applying the first coat of Poly-Brush • Tying rib-lacing knots • Applying finishing tapes • Spraying UV-blocking chemical, Poly-Spray • Applying the color coats.

THE EDUCATED OWNER VIDEO SERIES

VOLUME I: PREVENTATIVE MAINTENANCE – initially details the FAA’s rules concerning what maintenance tasks an owner can legally perform, it then proceeds to instruct viewers on the proper tools and supplies for common maintenance tasks and follows with detailed, step-by-step demonstrations of Engine Inspections, Landing Light Replacement, Oil Changes, Spark Plug Maintenance and Tire & Wheel servicing. The video is approx. 60 min. long.

VOLUME II: THE ANNUAL INSPECTION – covers Federal Aviation Requirements, and takes viewers, step-by-step, through the Annual Inspection process. This video teaches viewers how to manage the aircraft’s maintenance during the Annual Inspection and on an ongoing basis. Key topics include: • The Annual Inspection and the FARs, Selecting a Maintenance Facility, The Inspection Process, Correcting Discrepancies and Aircraft Enhancements. Video is approx. 70 min.

VOLUME III: Teaches pilots and prospective aircraft owners all about aircraft ownership. Teaches how to analyze the costs of aircraft ownership, and takes viewers, step-by-step, through the selection, pre-purchase and sales transactions. Includes detailed information on preventative maintenance, annual inspections and tips for living with your new aircraft. Video is approx. 90 min.

INTRODUCTION TO STEEL WORK
If you are just starting out and wish to have a good overview, Kent has chosen these DVDs specifically for you. It is difficult in the beginning of learning a skill, so you need some inspiration and careful instruction, both to keep your interest and to feed your curiosity. These 4 DVDs cover hand tools, measuring, cutting, forming, form blocks, patterns, shrinking, stretching, Pullmax, Air Hammer, gas welding, and spot welding.

ALASKANS FLY ALASKA
Join the fun as Alaska pilots sharpen their skills in vast and varied Southwest Alaska, an un-inhabited, untamed, and undeveloped wilderness. Experience the excitement of the possibilities open to the small plane pilot; flying low and slow through western Canada and Alaska. Come along as they fly though Canada, following the popular routes preferred by experienced small plane pilots. Explore Alaska’s back country, where there are no roads and no people for hundreds of miles. Touch down on remote beaches, sandbars, and fields, in places only the bush pilot can go. Marvel at the breathtaking views of spectacular glaciers, ancient canyons, uncharted seas, secluded seascapes, and unsurpassed mountain ranges. Enjoy an enthusiastic look at possibilities open to the small plane pilot flying in Canada and Alaska.

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RED BULL
Take the top 12 pilots in the world to 8 of the most stunning cities around the globe. Add tight twisting race tracks, planes flying close to 400 km/h, chuck in 12G’s for good measure and you’ve got the 2008 Red Bull Air Race World Championship. Another spectacular season of high drama and amazing skill. Watch the very best moments from the opening race in Abu Dhabi to the first ever double header taking place at San Diego and Detroit in the United States. The pilots battled against the elements in Rotterdam and London and came out on top before heading to Budapest. In Porto a new champion came of age before the finale in Perth where the winner of the 2008 Red Bull Air Race World Championship was crowned. Picture Format: NTSC

P/N 13-06889 $19.95

BACKCOUNTRY IDAHO
Pilots of all skill levels will truly enjoy this collaboration and adventure of Idaho backcountry flying at its best with Backcountry Idaho. Visit some of the best backcountry airstrips in the Rocky Mountains. Enjoy scenic wilderness, vast pine forests, and steep canyons in search of pristine beauty and the next runway challenge. Fly right seat on the actual approaches and departures of these spectacular backcountry airstrips with Todd at the controls of his high-performance, custom designed, King Katmai.

P/N 13-06298 $24.95

IDAHO GOLD, RETURN TO THE BACKCOUNTRY
Join Todd Peterson as he explores strips not covered in his immensely popular Backcountry Idaho DVD. He’ll take you north of the Salmon River with his wife, Jo, and fellow King Katmai owner, Jay Minor, to visit some truly remarkable backcountry gems. Their odyssey is based in historic Dixie Town, where the runway parallels Main Street right in town.

P/N 13-11200 $24.95

UTAH OUTBACK
Visit some of the best backcountry airstrips of the American West. Discover ancient Anasazi cliff dwellings or squeeze through a thousand-foot-deep canyon in search of incredible beauty and the next runway challenge. Take a journey with expert pilot Todd Peterson as he explores some of the remote and beautiful country featured in Galen Hanselman’s ‘Fly Utah’ pilot’s guide.

P/N 13-06309 $24.95

DECISION MAKING WITH DICK RutAN
In Decision Making with Dick Rutan, you’ll fly shoulder-to-shoulder with Dick Rutan, one of the most renowned aviators of all time. Discover how human factors affect your performance and influence your decision making. Explore the brain, and learn how the mind responds and processes stimulus during in-flight emergencies. And learn the importance of channeling reactive, emotional responses into proactive, positive decisions that can literally save your life.

P/N 13-06868 $29.95

ATTITUDE FLYING WITH DICK RutAN “FLY LIKE A LEGEND”
For serious pilots only. Conceived and designed to take you above and beyond other aviation training programs, the Aviator Series captivates and educates like no other training video you’ve seen before. Puts you shoulder-to-shoulder with the world’s foremost aviators as they share leading edge skills and techniques that made them legends.

P/N 13-05858 $29.95

FLIGHT OF VOYAGER CD (DICK RutAN)
This is a recount of the horrific, horrendous, heroic and humorous moments of the Voyager project through the eyes of the pilot Dick Rutan. On December 14, 1986 Voyager took off from Edwards AFB from Edwards AFB and 9 days later landed at the Edwards, completing the first ever non-stop, unfueled world flight. This 3-CD set (3.5 hrs) includes a mini journal map of the flight, historic photos, fun facts, and more.

P/N 13-01863 $34.95

EAA AIRVENTURE
OSHKOSH
Relive all the excitement of EAA AirVenture Oshkosh, the World’s Greatest Aviation Celebration, with the souvenir videos.

Oshkosh 2010
P/N 13-11627 $14.99

Oshkosh 2009
P/N 13-10011 $14.99

Oshkosh 2008
P/N 13-06225 $14.99

Oshkosh 2007
P/N 13-05650 $14.99

Oshkosh 2006
P/N 13-04059 $14.99

RED BULL
Take the top 12 pilots in the world to 8 of the most stunning cities around the globe. Add tight twisting race tracks, planes flying close to 400 km/h, chuck in 12G’s for good measure and you’ve got the 2008 Red Bull Air Race World Championship. Another spectacular season of high drama and amazing skill. Watch the very best moments from the opening race in Abu Dhabi to the first ever double header taking place at San Diego and Detroit in the United States. The pilots battled against the elements in Rotterdam and London and came out on top before heading to Budapest. In Porto a new champion came of age before the finale in Perth where the winner of the 2008 Red Bull Air Race World Championship was crowned. Picture Format: NTSC

P/N 13-06889 $19.95
THE ROPE TRICK
The diagnosis and repair of aircraft exhaust valve problems in a step-by-step fashion. Watch as Dave Clark walks you through the steps for inspecting valve clearances, reaming valley guides, and freeing stuck valves. This video can save you a lot of time and money.
P/N 13-10141.................. $24.95

OVER THE SOUTHWEST
Each of the 4-DVD sets in the "Over" series from Topics Entertainment is a definitive collection of award-winning footage shot from the air by the most experienced aerial production teams. Breathtaking flyover views provide a rare perspective on some of the most beautiful regions the world over. Amazing cinematography and original music combine to create an experience that is nothing short of exhilarating. These elegantly packaged DVD sets make a fine addition to any video library and are ideal for gift-giving! Runtime approx 205 minutes.
P/N 11-08907.................. $26.50

THE SHIRT POCKET MOUNTAIN FLYING GUIDE
This is not a rehash of the Mountain Flying Bible. It includes new material and color photos throughout. There are 129-color pages of the 208 pages. What is Covered: Section 1 - Do's and Don'ts: Section 2 - Basic Premises: Section 3 - Flying Canyons: Section 4 - Crossing Ridges: Section 5 - Turbulence & Va: Section 6 - Maximum Lift and Flap Setting: Section 7 - How to Land an Airplane: Section 8 - Visual Illusions: Section 9 - Spot Method for Landing: Section 10 - Mountain Astrip Operations: Section 11 - Mountain Weather. Book........... P/N 13-04051............. $15.85

FORMATION FLYING, THE ART
The Art in DVD format. "Formation Flying, The Art" DVD was originally introduced to the Warbird community in 1993 as an integral part of the FAA Mandated Civilian Formation Training and Credential Program. Currently the video is now the "F.A.S.T." standard and endorsed by all major Warbird flying organizations such as the EAA / Warbirds of America, North American Trainer Association, T-34 Association and others worldwide.
P/N 13-04572............. $69.95

TAILWHEEL ESSENTIALS
Simultaneous, multiple point of view, gyro-stabilized camera footage puts you in the cockpit as the ramp runway and alongside the aircraft while in-flight maneuvers are dissected and discussed. Whether you are considering tailwheel training, or have been flying tailwheel aircraft for years, this video will provide you the knowledge and a plan to become a more skilled, safe and confident pilot of tailwheel aircraft.
P/N 13-04283............. $19.95

TAILWHEEL: 101
Tailwheel: 101 will help you get there. This video is the premiere study guide for all pilots wishing to get their tailwheel endorsement, or for any tailwheel pilot who'd like to learn a thing or two from the most widely recognized tailwheel expert in America, Damian DeGaizo. Ride along with Damian and his student Jill as she gets her tailwheel endorsement. Each ground segment is immediately followed by a real-world airplane demonstration to reinforce the material and make pre-flight study sessions easy and efficient.
P/N 13-06023............. $49.95

BASIC AEROBATICS
Introduces the basic building blocks of aerobatics - spins, rolls and loops - with a wealth of in-cockpit and from-the-ground views of each maneuver. This video is indispensable aid to those considering a departure from straight and level. (54 min.) 6618A
P/N 13-04302............. $55.95

PRIVATE PILOT COURSE
Insight into what happens on the ground portion of your FAA Private Pilot Practical Test, commonly referred to as the Checkride Oral. More than one hour of video, showing you a realistic enactment of a checkride oral conducted by an FAA designated checkride examiner fly and a student pilot. P/N 13-15063............. $89.95

TAILWHEEL: 201 BEYOND THE BASICS
Tailwheel: 201 goes beyond the tailwheel check-out, building on the tailwheel basics introduced in Damian's first DVD, Tailwheel: 101. This DVD teaches advanced techniques from short field operations, to advanced slips, to precautionary off airport landings. Like Tailwheel: 101, this DVD includes ground school and in-flight instruction both inside and outside the cockpit. Whether you are new to the world of tailwheel flying or a seasoned aviator, Tailwheel: 201 will help you become a more proficient pilot.
P/N 13-09653............. $39.95

TAILWHEEL: 201 BESIDE THE BASICS
Tailwheel: 201 has been expanded to include a wealth of in-flight footage of some of the most beautiful, rugged and demanding mountain terrain in the U.S. It covers flight planning, accident causes, weather, density altitude, approaches, landings, departures, and survival. The weather section includes time lapse sequences of thunderstorms, mountain waves, lenticular and rotor clouds. Graphics are used to clarify, explain and demonstrate the ground and flight procedures for safe operations in the mountains. Color, approximately 80 minutes.
P/N 13-04052.............. $27.85

ALASKA'S BUSH PILOTS THE REAL DEAL
The story is interlaced with in-depth and exciting interviews of these courageous pilots as they recall many different stories of their experiences. They tell stories about rescues of stranded fellow pilots, taking their families 40 miles from their already remote bush homes to go fishing at "a better spot" to encounters with vast herds of caribou and the huge bears. You will "fly" in the seat right next to these men in the cockpit and witness winch-to-wingtgp aerial HD photography that Jim Oltersdorf shot during filming as he is known nationally for. Its about where they fly, how they fly and why they fly. Now you've even known what excitement is, step aside, this one is going to blast you off your seat! P/N 13-06937............. $18.95

ALASKA'S BUSH PILOTS (THE REAL DEAL)
In-depth knowledge of commercial bush pilots who fly the bush in Alaska. Provides an insight into the world of advanced technologies of aviation equipment for the viewers. After analyzing the first documentary, it become apparent that a presentation of commercial pilot activities was warranted. There is no duplication for any footage or any information from "Alaska Bush Pilots...The Real Deal" it is all brand new! The pilots who use this new insight to explain in detail the components of G-1000 glass cockpits and relative avionics devices.
P/N 13-09481.............. $18.95

60 DEGREE NORTH AT 500 FEET
The DVD plays like a Warren Miller film or a variant of Endless Summer, made just for pilots. There's some great fishing, great sightseeing, and of course, flying. This hour-long video combines all these elements for a truly amazing flight adventure: a narrative view of the North that only pilots can see.
P/N 13-07038.................. $23.75

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HOW TO LICENSE YOUR HOMEBUILT AIRCRAFT
This DVD will walk you through each step to successfully license your experimental or 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

HOME BUILT 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 1A, 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, assembling the engine mount, tail assembly and tailplane to continue building fittings, builders groups and support. This 1 hour and 18 minute DVD takes you step-by-step through the entire building process.
P/N 13-06833 ......................................... $44.85

AIRCRAFT PAINTING 101
An excellent 2 hour video in which Sam James takes you, in detail, through the finishing, primer 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 13-06567 ......................................... $24.95

METALWORKING 101
Targeted to the beginning student of pop-riveted metal built plane construction. Ideal for any person who is contemplating the undertaking of a metal kit plane project. Takes you through 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 of this rudder (part No. 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 HOMEBUILT
Completing a homebuilt requires you to calculate and document the weight & balance for your aircraft and then 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 13-04184 ......................................... $32.95

CANADIAN AIRCRAFT
The DVD has 3 hours of video on canadair aircraft only, truly a one of a kind DVD. It covers the Cozy MKIV, LongEZ, Berkat, Erasco, StaggerEZ, Batelleur, 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 your builder for on your journey to complete your canadair 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 13-04260 ......................................... $42.50

SKYWARD TECH 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 reassembly.

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<th>Description</th>
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SCRATCH BUILDING BASICS FOR METAL AIRCRAFT
An excellent way to determine if building a homebuilt aircraft from scratch is for you...we walk through 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 is divided into 10 video chapters to make navigation and review of desired sections easy and fast. The DVD set includes web links to plans for building your own sheet metal brake and other tools used in this video (you can print the 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 place to begin 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 13-04095 ......................................... $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 Fiberglass, A Step-By-Step Guide to Molding Fiberglass, Advanced Moldmaking and Plug Construction, Vacuum Bagging and Sandwich Core Construction and The Art of Moldless Composites.
P/N 13-06551 ......................................... $161.95

DEEP INSIDE YOUR ROTAX
You can now see and understand what procedures are involved with the 150 and 300 hour inspection/rebuild services, all points out the potential areas of wear, correlates, 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 in 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. And More.
P/N 13-03370 ......................................... $34.95

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

BUILDING A GLASS PANEL FOR HOMEBUILT 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 the proper rivet setting (gages) 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, scotch-brite polishing wheel and deburring tools.
P/N 13-04791 ......................................... $31.50
AVIATION VIDEOS & DVDS

INSTRUCTIONAL VIDEO TAPES

BUILDING THE RUNUT COMPOSITES – This step-by-step instructional program features Burt Rutan and Mike Melvill proceeding through the complete foam-epoxy-fiberglass composite construction process as used on the Varieze, Long-EZ, Quickie, Q2, Dragonfly, Sea Hawk, Polliwagen and other composite aircraft. Also included is a formation flight by the Long-EZ, Defiant and VariViggen. A must for all composite aircraft builders. 1 hr, 36 mins.  DVD  P/N 13-04809 ...................... $26.95

FIBERGLASS 101 – This tape shows aircraft builders how to make molds, fairings, and parts from fiberglass. It takes you step by step through the phases of glass work so that you can build parts yourself. Produced by fiberglass expert Sam James. 2 hrs.  Note: The quality of this DVD may not be standard for DVDs due to format conversion technique used. DVD  P/N 13-03875 ...................... $32.50

BASIC AIRCRAFT SHEET METAL TECHNIQUES & TOOLS – George Ondorff, a noted aircraft builder, demonstrates 13 sheet metal techniques and offers many helpful hints to save time, labor and cost in your own aircraft building. These tapes include shop organization and safety, cutting, polishing, deburring, drilling, dimpling, countersinking, riveting, fluting, bending, circle cutting, and more. A sample control surface is constructed using these techniques. (Six tapes) DVD P/N 13-15120 .......... $42.50

MIKE ARNOLDS AR-5 WORLD RECORD AIRCRAFT DVDS

DVD 1, “WHY IT GOES SO FAST” – Documents the efficient AR-5’s record runs and clearly explains the simple drag reduction concepts used to achieve its surprising performance on such low power. With comments by aerodynamicist, Bruce Carmichael. DVD  P/N 13-15130 ...................... $32.50

DVD 2, “HOW IT’S MADE” – Details the engine installation and the airframe’s structural design, and completely demonstrates the easy moldless, hot-wired, foam and fiberglass construction process used on the fuselage, wing and tail services. Almost 2 hours. DVD  P/N 13-15135 ...................... $39.95

DVD 3, “MOLDLESS, LOW DRAG WHEELPANTS” – Details the engine installation and the airframe’s structural design, and completely demonstrates the easy moldless, hot-wired, foam and fiberglass construction process used on the fuselage, wing and tail services. Almost 2 hours. DVD  P/N 13-06277 ...................... $39.95

DVD 4, “MAKING FIBERGLASS MOLDS” – This DVD chronicles development of a beautiful six piece, moulded fiberglass aircraft cargo pod to show the simple design and fabrication techniques used to produce low cost, professional quality production molds. From first sketches, through master patterns, to finished parts. Over an hour. DVD  P/N 13-15125 ...................... $29.95

AR-5 HOW TO DVD SET – This four-part DVD set includes the following: Making Fiberglass Molds, How It’s Made, Why It Goes So Fast, Moldless, Low-Drag Wheelpants. DVD  P/N 13-09990 ...................... $108.95

MAKING A MOLDED FUSELAGE SHAPING THE AR - 6

- Goes from pencil drawing, to foam mold, to the carving of the rib and finishing of the plug, and, finally, to the assembly of the carbon-fiber and honeycomb fuselage. DVD  P/N 13-12669 ...................... $29.95

WEST SYSTEM EPOXY GELOCATE BLISTER REPAIRS - Dry rot repair & replacement, Fuel tank removal, Inspection & installation, fiberglass procedures for strength, rigidity & surfacing. P/N 13-12703 ...................... $18.75

WEST SYSTEM EPOXY BASIC APPLICATION TECHNIQUES – Covers repairing and preventing gelcoat blisters including an analysis of the factors contributing to blister formation. P/N 13-12704 ...................... $18.75

WEST SYSTEM EPOXY FIBERGLASS REPAIRS - Step-by-step program takes you through all the procedures you need to know to make professional, long lasting fiberglass repairs with epoxy. P/N 13-12702 ...................... $23.75

WEST SYSTEM EPOXY REPAIRS DVD SET – Includes: DVD Fiberglass Repair with West System Epoxy, DVD Gelcoat Blister Repair with West System Epoxy, and DVD Basic Application Techniques West Epoxy. P/N 13-12705 ...................... $52.95

COSMETIC GELOCATE / FIBERGLASS REPAIR BASIC DAMAGE AND FINISHING DVD – This program walks you step-by-step through the repair of cosmetic damage. Learn the proper techniques, materials, tools and tricks of the trade from one of the best fiberglass repairing in the country. P/N 13-04810 ...................... $26.95

STEWART SYSTEMS 6 DVD SET

FABRIC COVERING, METAL AND OTHER SUBSTRATE PREP, MIXING PAINT AND PAINTING – 6 Disc Stewart Systems Combination Package Covering & Painting Videos. Most everything you need to know about the covering system, including complete using the Stewart Systems Coating. It includes product application, painting instructions, STC and more. Well over 2 hours of video. DVD  P/N 13-09411 ...................... $19.95

“TIN MAN” METAL WORKING VIDEOS

These videos provide excellent instruction for the aircraft builder. Ken White, The Tin Man, is a master craftsman and instructor for the Experimental Aircraft Association metal working workshops at Oshkosh.

BASIC DAMAGE REPAIR ON ALUMINUM – Take an axe and drive it through the nose of an RSK Porsche, now we’re ready to begin by bumping, smoothing, gas welding, planishing, and metal finishing. All work completed on camera. Complete and very detailed. Color, 63 min. DVD  P/N 13-04377 ...................... $29.50

EDGE THOSE PANELS – Learn how to make flanges, hems wired, and flares. With just a hammer, dolly, and some simple tools you can make, you’ll be able to easily edge lots of panels. Wing rib construction is also shown. Then a rotary machine (head roller) is used to true the fancy artwork. Color, 63 min. DVD  P/N 13-04378 ...................... $39.95

AN AMERICAN’S VIEW OF THE ENGLISH WHEEL – Shrink on the wheel! You bet! Analyze frame design, tracing patterns, layering, pressure measurement, rapid crown development, nearly flat panels, and much more. Last segment shows air hammer shaping and shrinking on the Pullmax. Color, 126 minutes. DVD  P/N 13-40302 ...................... $39.95

SHRINKING MAGIC – The art of shrinking (compression) is demonstrated using both the Lancaster machine and the torch and hammer method. Hot work demonstrations include steel, aluminum, copper, stainless, titanium, and magnesium. An excellent segment on form block work is shown as well. Color, 84 minutes. DVD  P/N 13-04381 ...................... $39.95

SHAPING ALUMINUM WHEEL PANTS WITH SIMPLE HAND TOOLS – Using a torch, mallet, stamp, forming bag, slapper, dolly, and clamp you can make a really nice pair of pants (fenders or tank). This DVD includes basic construction, pattern work, and hot shrinking. Air hammer shaping and Pullmax shrinking segment at the end. Color, 125 minutes. DVD  P/N 13-04380 ...................... $39.95

HOW TO GAS WELD ALUMINUM – Learn the professional methods of setting the torch, regulator pressures, and secrets of the flux. Filmed with two cameras through the finest eye wear available to show tacking, distortion control, flat and vertical welds. Many 30-year veteran welders have benefited from this video. Color, 105 minutes. DVD  P/N 13-04379 ...................... $34.95

4130 CHROMOLY AIRFRAME CONSTRUCTION – This video is highly recommended for anyone considering a steel tube fuselage aircraft. Covers the whole process: Workflow, welding rod selection, jiggling, fitting, and welding. (Note: The discussions and advice are almost exclusively about oxyacetylene welding. TIG, GTAW, is mentioned only in passing.) DVD  P/N 13-04378 ...................... $34.95

BASIC AIRCRAFT WOODWORKING – Woodworking knowledge is essential to any homebuilding project. Power tool safety is also discussed. A great starter tape (30 min.). DVD  P/N 13-32355 ...................... $19.95

FIBERGLASS REPAIRS MADE EASY DVD SET – Learn how to make fiberglass repairs as you look over the shoulder of a professional fiberglass repairman. DVD  P/N 13-12701 ...................... $32.75

FIBERGLASS REPAIRS MADE EASY VOL IFIBERGLASS REPAIR AND GELOCATE DAMAG - Learn how to make fiberglass repairs as you look over the shoulder of a professional. Covers grinding out damaged material, applying new fiberglass laminate, shaping to original lines and finishing. 54 mins P/N 13-12697 ...................... $29.95

COSMETIC GELOCATE / FIBERGLASS REPAIR COLOR MATCHING AND FINISHING – This program takes you step-by-step through every type of cosmetic repair. You’ll learn the proper techniques, materials, tools and tricks of the trade from one of the best fiberglass repairman in the country. P/N 13-12698 ...................... $26.75

COSMETIC GELOCATE / FIBERGLASS REPAIR STRESS BEAKS / AIR HOLES AND FRACTURES – This program takes you step-by-step through every type of cosmetic repair. You’ll learn the proper techniques, materials, tools and tricks of the trade from one of the best fiberglass repairman in the country. P/N 13-12699 ...................... $26.75

Prices Subject to Change Without Notice
BIG ROCKS AND LONG PROPS VOLUME I

50 thrilling minutes of water assisted landings, big rocks, big tires, and great flying in a Super Cub and Experimental Maule (A.K.A. Bushwacker) Alaska and Northwest bush pilot Loni Habersatetz and Northwest bush pilot Greg Miller take you into their incredible playground of rock bars and water landings - on a $33.95 DVD. P/N 13-04018

BIG ROCKS & LONG PROPS - VOLUME II

You will go from Greg’s training ground to the desert and on to the mountains. The main movie is 40+ minutes long and includes a commentary track. There is a section on field repair and a section on the bush competition for the bush class in Valdez Alaska for 2006. In all, almost 90 minutes of playing time. It has Greg Miller flying “Bushwacker” and also the 5 place Sherpa, which is basically a Super Cub on steroids. It also features Doug Keller and his amazing, Husky Cub. P/N 13-04384 $33.95

BIG ROCKS AND LONG PROPS VOLUME III

See the culmination of 30 years of bush flying experience as Paul flies his Turbine Otter and Super Cub in the rugged wilderness of the Wrangell-St. Elias National Park. Watch Greg as he learns the ins and outs of ski flying in one of the most challenging places in Alaska, where the margin between life and death can be extremely thin.

P/N 13-05728 $33.95

BIG ROCKS & LONG PROPS VOLUME V

Join Greg Miller on his Alaskan Adventure. Greg flies his experimental Maule a.k.a. Bushwacker to Alaska in the winter of 2008. The setting for this adventure is the Wrangell-St. Elias National Park. You’ll see Greg landing his ski-equipped airplane on snow, ice, rock, and water. Come along as he climbs an ice fall, skis up mountain peaks, and skis down virgin snow-covered mountains. Running Time: 121 minutes.

P/N 13-06275 $33.95

HOODRIVER BASIN COZY

In this DVD they’ll fly you around the lush green Hood River Basin in Oregon. During this scenic flight, you’ll fly so close to Mt Hood, Mt Rainier, Mt St Helens and Mt Jefferson, it’ll seem like you can reach out and just touch the snow covered peaks. Along the way, they will pass through the majestic Columbia River Gorge.

P/N 13-11977 $33.95

THE THINGS MY FLIGHT INSTRUCTOR NEVER TOLD ME

Topics like fuel management, flight planning, reluctant passengers, dealing with weather, the FAA, buying and owning an aircraft, as well as moving up to bigger and faster aircraft, are all discussed with humor and wit. He also discusses the people in aviation he has met that have had an influence on his flying career.

Book... P/N 13-03831 $19.95
E-Book... P/N 13-09969 $16.85

THE 100 HOUR INSPECTION POWERPLANT

Step by step demonstration of a 100 hour inspection of the powerplant section of a Lycoming O-360 powered Piper Arrow. Explains every segment of the inspection process from an initial AD search to the final log entries. It details each procedure along with the techniques, tool and material usage, and plenty of professional hints and tips. Covers safety wiring techniques. P/N 13-03883 $24.95

BUILDING YOUR OWN ZENAIR FLOAT

Zenair now offers their popular experimental aircraft floats as a kit which can be built with relative simplicity, using only basic construction techniques. This provides a substantial reduction in the cost of ownership making floats now affordable for many aircraft owners. (See www.ZenairFloats.com for product information and prices). This video demonstrates the construction of a Zenaire float; it does not show: the rigging of floats to an aircraft, spreader bars, mounting tires, nor other repetitive tasks such as painting, priming, riveting, etc. The effort was to keep the content of the video restricted to the unique tasks of float construction.

P/N 13-09049 $42.95

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FLYING SINGLE PILOT IFR
If you fly single pilot IFR, this video is for you. Explains risks involved and how to minimize them. Covers equipment requirement, organization, getting real time weather, staying ahead of the airplane, copilot selection and situational awareness. (60 min) P/N 13-23886................................ $29.95

HOW TO GET A FLIGHT REVIEW
Recommended for anyone preparing for a flight review. Covers the relevant areas of FAR 61.56. and what you need to know for the flight review. Includes the new airspace & weather reporting changes. (50 min) P/N 13-23860................................ $29.95

BOB HOOVER AERIAL SUITE
Now on DVD and in stock! With over a half century of flying in every type of aircraft, Bob Hoover is most recognizable for thrilling and beautiful performances in his Shrike Aircraft. Commanded and yellow P-51 Mustangs. With Hoover’s retirement from the air show circuit, this is one of the few sources to see why he has earned the undisputed title of “the pilot’s pilot.” P/N 13-08676................................ $17.95

STALL, UPSET, AND SPIN RECOVERY
Are you anxious during slow flight and stalls because you are apprehensive about spins? Do not fear the spin; understand it. Spins are just another thing airplanes do, and you should train for spin recovery. Proper spin training begins with an introduction to stall and unusual attitude recovery. You need to understand that a heavy hand or misuse of the controls, during an unusual attitude, can stall the wing and begin a spin event. P/N 13-11864................................ $19.95

BREAKING THROUGH THE CLOUDS
Breaking Through the Clouds is nearly 2 hours long and includes actual footage of the 1929 air race. In addition, there are aerial recreations in the film, using planes like the women flew in the derby including: Travel Air, Waco, Monocoupe and Fleet. Over 13 years of research went into the making of this film. There are images of the women in the race that have rarely been seen before. In addition, there are interviews with Elinor Smith Sullivan, legendary pilot, Patty Wagstaff, national aerobatic champion, Julie Clark, aerobatic pilot, family members of the pilots in the derby, aviation historians and people who knew the women racers personally. P/N 13-08619................................ $29.95

THE AVIATORS SERIES
This wildly popular DVD set of all 13 episodes of the complete first season of the hit PBS television series The Aviators. New and exciting magazine-style series featuring interesting people, the latest aircraft, the coolest technology and the best fly-in destinations of North American aviation. The Aviators is truly for everyone who has ever gazed skywards. Each episode is comprised of 3 or 4 segments. This format ensures that the show remains fast-paced, capturing and holding the viewer’s interest from beginning to end.
Season One DVD ........................................ $34.95
Season Two DVD .......................................... $29.95
Season Three DVD ......................................... $49.95

CREW RESOURCE MANAGEMENT: EXPLORING THE HUMAN ELEMENT
Become an expert on important aviation topics when you explore them in depth with CRM - Exploring the Human Element (DVD) by Jeff Spence and Joe Jeppesen. This video explores United Airlines’ human factors training program. Whether you are operating in a Part 121, 135, or 91 environment, you can benefit. P/N 13-07840................................ $13.50

ICARUS ENVY THE LURE OF LIGHT SPORT FLYING
Hour-long documentary film about light sport aviation. It is shot almost entirely in Wisconsin, and provides a thrilling introduction to the world of low and slow flying. Breathtaking flying scenes from both the ground and in the air, even on skis and floats, are all beautifully orchestrated to an evocative music soundtrack. P/N 13-12898............................... $19.95

FLYABOUT
Flyabout tells the autobiographical story of Monika Petrilj’s journey piloting a small single-engine airplane around the continent of Australia. Her father, a pilot with limited experience himself, is riding shot as the only women pilot in a group of eleven people, Monika sets out to experience the thrill of flight everywhere and to be one of the most untraveled places on earth. But what impacts her most is the unexpected conflict that arises between her father and herself. P/N 13-06638........ $19.95

THE GREAT CIRCLE AIR SAFARI
FLYING THE OUTFIELD - Experience an exhilarating flight through the vast Australian Outback with nine vintage aircraft. In the fall of 2005, two Americans, Doug Durst and Rob Richoux, took the 1942 Stearman biplane all the way to Australia, joining up with their Aussie mates for a 4,000 mile flight through some of the most remote areas in the country. Stunning high definition footage by Oscar winning director Eric Thiermann coupled with the story of two pilots on a quest of discovery yields a compelling film. P/N 13-05079.......................... $24.95

THE COMPLETE AIRLINE PILOT INTERVIEW COURSE
This DVD from Flightdeck Consulting has been produced and developed by airline pilots for airline pilots. This DVD includes: Eight Virtual Interviews to help you perfect your interview technique. Access to the “Airline Pilot Interview Work Booklet”, an essential tool covering all aspects of your interview including psychometric testing, simulator check ride and panel interview. Simula-

WONDERFUL WORLD OF WARBIRDS SET
Produced in co-operation with the International Aerobatic Club, Getting Started in Aerobatics is a valuable introduction to the dynamic world of aerobatics. During the course of this program, you’ll hear six legendary aerobatic pilots relate their years of experience and address topics that include the benefits of aerobatics, its history and background, training options, selecting the right instructor and equipment, and more. You’ll also experience the thrill of an aerobatic flight lesson at the renowned Pompano Air Center. Getting Started in Aerobatics contains information to consider before you begin - or continue - your aerobatics training. (55 minutes) P/N 13-40365.............................. $14.95

WELDING AND CORROSION
Take the mystery out of aircraft welding! Join Host Gregg Ewert and instructor Bill Roering as they take you step-by-step through the process of oxyacetylene welding. Whether you’ve never held a torch before or if you haven’t welded in years and want to bring your skills up to speed, this video will provide you with the background to get you started. Corrosion is not just a problem unique to floatplanes. Corrosion is a threat to any aircraft exposed to humid conditions, including acid rain. Join corrosion expert Geo Hindall in an hour-long examination of the problem. Learn to recognize, prevent and protect your airplane against the effects of corrosion! P/N 13-10011................................ $19.99

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FAA PRIVATE PILOT eKIT
The FAA Private Pilot eKit is a private pilot groundschool training kit based on the official FAA Curricula. eBooks in this kit are compatible with Windows, Macintosh, iPad, iPhone, Kindle Fire, and all Android type eReaders. Each eBook in this kit is provided as an open file. They may be transferred between your various computers and reading devices, printed, and used with all Adobe .pdf functions including search, copy/paste, bookmarking, note taking, voice transcription, etc... Kit Includes: • Pilots Handbook of Aeronautical Knowledge, eBook • Airplane Flying Handbook, eBook • Helicopter Flying Handbook, eBook • Pilot Premal Flight Manneuvers, eBook • PTS - Private • Airplane, eBook • FAR/AIM, eBook, by FAA • ASA-SP-57: Pilot Log Book, Book, by ASA • ASA-SP-57: Plotter - Lexan 13-inch, by Aircraft Technical Book Co. • ASA-E6B: ASA METAL E6B, by ASA • ASA-E6B: PVT-12 Private PilotPrepWare, CD, by ASA. P/N 13-11709.................$159.95

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P/N 13-11682.............................$218.95

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P/N 13-11683.........................$145.95

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This valuable one-stop handbook contains the information necessary to: Learn the basic fundamentals of flying any airplane. Make flight training easier, less expensive and more enjoyable. Master all the private and commercial preflight checkride maneuvers. Learn the "stick and rudder" philosophy of flying an airplane. Prevent an airplane from accidentally stalling and spinning. Allow you to learn to land an airplane quickly and safely. Make you a better instructor by providing unique teaching strategies and explanations for student training.

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A serious text written in a fun and witty style. More than 1,000 original illustrations and photos in a softbound, full color, 582 page book. Written in the first person, it's as if Rod is sitting next to you, personally explaining all the necessary aspects of flying to make you an informed, confident and competent sport pilot. It is the first book of its kind completely written and illustrated by one instructor.

P/N 17-00017...............................$65.00

RON MACHADO'S PRIVATE PILOT HANDBOOK 2ND EDITION
- A serious text written in a fun and witty style. More than 1,200 original illustrations & photos with 50 pg's in full color, ensures this to be a one-of-a-kind manual. You can learn or review by just looking at the pictures. However, the text is laced with Machado humor so you want to read every last word of the 572 pages. Written in the first person, it's as if Rod is sitting next to you, personally explaining all the necessary aspects of flying to make you an informed, confident and competent pilot. Flight instructors will love using the great illustrations with their students. It will also be a favorite for its readability. A book only has value if it's read and understood. For years pilots at Oshkosh, Sun n' Fun and seminars across the country have asked Rod to write a fun and easy to understand book for pilots. Well, here it is folks, perfect to refresh for a flight review, or pick up on new rules or for student pilots to pass their FAA knowledge and oral exams.

Description..............................Part No. Price
Private Pilot Handbook in Audio MP3 Format......................13-08658......$89.95

RON MACHADO'S PRIVATE PILOT WORKBOOK - As a programmed learning guide, this book will help prepare you for the FAA Private Pilot Knowledge Exam. The questions are organized to follow the presentation of material, section, as found in the Handbook. It will help you understand and absorb the knowledge necessary to pass your FAA knowledge exam. In addition, this workbook offers the actual and "official" curricula prescribed by FAA. You'll receive a pretest exam. * Refresh for your instrument proficiency check. * Remain an up-to-date confident instrument pilot.

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RON MACHADO'S AVIATION VIDEOS & DVD'S
DEFENSIVE FLYING - Rod Machado discusses how pilots can learn to think defensively. Learn about acknowledging your limitations and a pilot's potholes as well as never underestimateing aerial enemies. Listen to an actual, hair-raising, in-flight emergency as two professional pilots exercise one of the most important skills in Defensive Flying. This presentation contains many new stories and humor not previously heard on Rod's audio tapes.DVD P/N 13-04567......................$23.95

AVIATION HUMOR - Laugh along with over 2,000 pilots as Rod Machado entertains his audience with some of the best of his aviation stories. After so many requests for a video version of his very popular audio tapes, this video of Rod's is sure to be a popular addition to your library.

DVD......................................P/N 13-04568..............$23.95

IFR FLYING - Rod has incorporated six of his most popular IFR segments into this educational video. And, for comic relief, Rod has interspersed live, humorous clips from one of his popular seminars between each story segment. This is a valuable tape for beginners as well as seasoned pros. You're sure to laugh and learn as Rod shows you: A unique, multi-step instrument scan, Single pilot IFR cockpit management, How to really use the approach lighting system, techniques to make safe IFR departures, & more.

P/N 13-40315￥22.50

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RON MACHADO'S INSTRUMENT PILOT'S SURVIVAL MANUAL - This book is unlike any other book on instrument flying that you have encountered. 232 pages, illustrated with humorous drawings. Excellent for IFR students or as an IFR refresher.

Book.......................................P/N 13-40330..............$28.95
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