

# CDS, DVDS, CASSETTES & VIDEOS

## AERO DESIGN LIBRARY-CD SET

Package includes 3 programs on CD: Airplane PDQ An intuitive, easy-to-use tool whereby the designer may input performance and basic aircraft configuration & sizing requirements, then generate 3-D drawings of the results, receive computer design analysis and recommended changes. Airfoil Optimizer Assists in selection of the optimum airfoil design for an aircraft by sorting through its database to match an airfoil to the planes flight requirements. Aircraft Design Digital Library Vol 1 Contains 5000 pages of information on structural design, properties of aircraft metals, composites & wood, and fastener applications. Requires MS Windows.



## ELECTRICAL WIRING 101 FOR YOUR HOMEBUILT AIRCRAFT

Simplifies & demystifies the procedures used in working with homebuilt aircraft electrical wiring. Subjects include electrical design, required tools, choosing the correct wire & fuses/circuit breakers, making connections, switches, solenoids, etc. Designed for the beginner who is contemplating wiring their own aircraft. Running time 1 hr 20 min.



DESCRIPTION	PART NUMBER	PRICE
3 PROGRAM PACKAGE	DESIGN-CD	170.40

## RUTAN AIRCRAFT FACTORY ENCYCLOPEDIA

This 3 cd set, authorized by Rutan Aircraft Factory is a complete reference work to Rutan Aircraft Kit planes. Includes partial aircraft plans, operator manuals, photographs, moldless composite homebuilt sandwiched construction manual and Canard Pusher newsletters #1-83. Runs on DOS, Windows 3.x, 95 and NT, Macintosh, Unix and SGI systems. For entertainment use only.



DESCRIPTION	PART NUMBER	PRICE
3 CD'S	CD-RAF	299.93

## AR5 VIDEOS

213.18 mph on 65 hp. Documents the world record run and clearly explains the drag reduction concepts used. Discussion and comments by noted aerodynamicist, Bruce Carmichael. Over an hour long.



DESCRIPTION	PART NUMBER	PRICE
WHY IT GOES SO FAST	V-51	29.95
HOW IT IS MADE	V-52	37.50
MOLDLESS WHEELPANTS	V-53	29.95
FIBERGLASS MOLDS	V-54	37.50

## WEST EPOXY VIDEOS

A guide to optimum use of WEST SYSTEM brand epoxy products. Includes safety procedures and application tips for coating, bonding and fairing situations on wood and composite material. VHS-20 minutes. FIBERGLASS REPAIR A guide to structural repairs on fiberglass boats using WEST SYSTEM epoxy, including repairs to cord and non-cored hulls. Demonstrates how to successfully apply gelcoat over epoxy repairs. VHS-26 minutes. GELCOAT BLISTER REPAIR A guide for repairing and preventing gelcoat blisters on fiberglass boats with WEST SYSTEM epoxy. Includes an analysis of the factors contributing to blister formation and step for preparation, drying repairing and coating for moisture protection. VHS-16 minutes.



DESCRIPTION	PART NUMBER	PRICE
BASIC APPLICATION	002-892	21.90
FIBERGLASS REPAIR	002-894	29.45
GELCOAT BLISTER	002-896	27.25

DESCRIPTION	PART NUMBER	PRICE
ELECTRICAL WIRING	DVD-WIRE	23.37

## AIRCRAFT FABRIC COVERING

What better way to learn the intricate art of fabric covering than by watching and listening to Ray Stits the developer of the Stits Poly-Fiber Aircraft Coating. This film demonstrates the covering process and explains in his own words how and why his process is so widely used. It teaches the right and wrong ways from the master himself, Ray Stits. One tape 120 minutes long.



DESCRIPTION	PART NUMBER	PRICE
VHS	21-36-141	42.61

## BASIC AIRCRAFT SHEET METAL TECHNIQUES AND TOOLS

Inspires confidence in the homebuilder working with sheet metal. George Orndorff, a noted aircraft homebuilder, demonstrated 13 techniques and offers many helpful hints based on his experience. This DVD is 58 minutes and demonstrates: Cutting, Polishing/Deburring, Drilling, Dimpling, Countersinking, Riveting, Fluting, Bending, using the Circle Cutter, and Polishing Wheel plus bending of the leading edge and pop riveting in a segment on Building a Sample Control Surface.



DESCRIPTION	PART NUMBER	PRICE
DVD	DVD-9341	29.99
VHS	V-9341	39.95

## AIRCRAFT ENGINE REBUILDING SERIES

Hour long program begins with dismantled engine, shows crankshaft being mounted on a stand and proceeds through complete assembly. Provides excellent education on engine components and where they go. DVD or VCR tape.



DESCRIPTION	PART NUMBER	PRICE
LYCOMING 1O-360	DVD-10	35.01
LYCOMING 1O-360	V-10	32.00
CONTINENTAL O-200	DVD-20	35.01
CONTINENTAL O-200	V-20	29.99
LYCOMING O-320	DVD-32	35.01
LYCOMING O-320	V-32	29.99
LYCOMING O-360	DVD-36	35.01
LYCOMING O-360	V-36	29.99

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## TALES FROM THE COCKPIT

This video entertains, educates and inspires kids about the world of flying. The video covers the history of aviation, what makes an airplane fly, commercial and military flying, air shows and a flying circus. Special segment on EAA Young Eagles Program, and interview with Chuck Yeager. Running time 42 minutes.



DESCRIPTION	PART NUMBER	PRICE
VHS	TFC-1	19.95

## BUILDING RUTAN COMPOSITES

A step-by-step program featuring Burt Rutan showing the complete process for utilizing his fiberglass-epoxy-foam construction. Running time 91 min.



DESCRIPTION	PART NUMBER	PRICE
VHS	21-35830	26.95

## METALWORKING 101

An introduction to the basic metalworking skills required in building an all-metal kit plane. General metal building procedures are explained & demonstrated including: identifying & cutting aircraft aluminum sheet, drilling & deburring operations, corrosion protection, cleco application, blind riveting, & the tools required. Running time 2+ hours.



DESCRIPTION	PART NUMBER	PRICE
METALWORKING 101	DVD-METAL	25.26

## ROTAX 2-CYCLE ENGINE OVERHAUL

Follow along with a Rotax service technician as he demonstrates what procedures are involved in a 150 hr inspection & rebuild of a 2-cycle aircraft engine. Some of the topics include: overhauling the carburetor including part identification, removal and float adjustment; how moisture gets into the engine, where carbon accumulates & its removal, the proper way to clean & re-oil air filters, etc. Running time 2+ hrs.



DESCRIPTION	PART NUMBER	PRICE
2-CYCLE ENGINE OVHL	DVD-OVHL	31.49

## TOWER/AIRCRAFT RADIO COMMUNICATIONS

This recording is both entertaining and educational. Official FFA recordings made at Oshkosh tower during the official EAA fly in. Made during the period of incoming aircraft landing at the same time the experimental aircraft were taking off and landing. This practice is no longer used. This recording represents 45 minutes of the most exciting tower communications ever made.



DESCRIPTION	PART NUMBER	PRICE
AUDIO TAPE	99-1	10.00
CD-ROM	99-2	12.50