



To register:

Phone: 1.800.967.5746

Or log onto: www.sportair.org

Workshop Title	Length	Price for EAA Member	Regular Price
Sheet Metal Basics	2 Days	\$289 US	\$329 US
Date: April 1 & 2, 2006 High River Regional Airport			

The two day Sheet Metal Basics workshop is designed to help you discover how to build or restore a sheet metal aeroplane. Our goal is to present the basics of sheet metal constructions and applications, and to give you a solid understanding of this building method. This is a very comprehensive 2-day course.



Here is a brief outline:

Day one starts with a discussion of the basics of sheet metal construction. We cover the different aluminum alloy designations and their applications. We identify the various rivet types and discuss in-depth their uses and applications.

Then we move to the hands-on workshop where students put their new-found theory to practical use by constructing a 'practice project', designed to illustrate sheet metal construction. Students lay-out rivet lines, drill, de-burr, dimple, countersink and drive the various rivets. Tools will be discussed and demonstrated. Students will be given the opportunity to drill out and replace rivets.

In the afternoon of day one, students will team up in twos to constructing an airfoil kit. This kit is a small example of a wing or control surface and is designed to introduce the student to virtually all aspects of sheet metal construction that you will actually encounter in building a sheet metal aircraft.

The second day will start with a further discussion of aircraft construction methods and Canadian Rules and Regulations for home-built aircraft. Returning to the workshop, students complete the wing kit. When completed, each project will be reviewed individually with the instructor.

The course size is limited so that students can receive individual instruction and help. Register early to ensure your space. The course is recommended for anyone building a sheet metal kit aircraft such as an RV, Murphy, Zenith, Sonex, etc.

The fee for the course includes all materials and an informative workbook. Students gain the confidence necessary to begin project, whether a new kit or aircraft restoration or repair. They will receive a diploma certifying course completion.

"EAA, the EAA logo, "SportAir" and "SportAir Workshops" are trademarks of their owner: Experimental Aircraft Association, Inc. Oshkosh, Wisconsin and used under license. All rights reserved.

Workshop conducted under license by EAA Chapter 1410 High River, Alberta Societies Act Corporate Access No. 5011831137