

## General Conference Information

This year's Montana Aviation Conference is co-hosted by the Montana Department of Transportation Aeronautics Division and the following organizations:

**Experimental Aircraft Association (EAA)** – since 1959. For anyone interested in sport or general aviation. Promotes building and flying one's own aircraft while maintaining high standards of quality and safety.

**Montana Antique Aircraft Association (MAAA)** – since 1978. For anyone interested in preserving and "Keeping the Antiques Flying" with an appreciation and interest in antique/classic aircraft. Non-pilots welcome.

**Montana Airport Management Association (MAMA)** – since 1958. Formed to provide professional codes and standards for airport management, promote public understanding of the value of aviation and airports to the community, promote high standards of technical operations to ensure safe operation of airports, interchange experiences, and promote development of airports.

**Montana Aviation Trades Association (MATA)** – since 1955. To promote and protect the commercial aviation industry in Montana. Membership consists of FBOs, mechanics, professional pilots, aviation suppliers, and others involved in commercial aviation.

**Montana Pilots Association (MPA)** – since 1938. A statewide organization of pilots formed to support and promote general aviation. The MPA functions through a number of local Hangars in various cities in Montana.

### Artwork for Conference Program and Logo

Artist, Kyle Ploehn provided the program's cover art and the Conference logo. Kyle graduated from Northwest College of Art, located near Seattle, WA with a double major in Fine Art and Multimedia. He has since relocated back to his hometown of Billings, MT to pursue his career as a fine artist, writer, illustrator and comic artist. He enjoys using mixed mediums, particularly ink, pencil, and painting digitally, with acrylics, and watercolors. He is currently writing and illustrating a children's book, a weekly comic strip and a number of fine art pieces. For more about Kyle's art, visit his website at: <http://kyleploehnt.blogspot.com/> or on Facebook at: <http://www.facebook.com/kyleploehnt>

### Registration Desk

The registration desk is located in the atrium of the Holiday Inn Grand. Staff will be available at the registration desk to assist you during scheduled registration and conference hours:

**Wednesday, February 26 - 3:00 p.m. – 5:00 p.m.**

**Thursday, February 27 - 7:30 a.m. – 11:00 a.m. & 1:30 p.m. – 5:00 p.m.**

**Friday, February 28 - 7:00 a.m. – 11:00 a.m. & 1:30 p.m. – 5:00 p.m.**

**Saturday, March 1 - 7:00 a.m. – 11:00 a.m.**

### Registration Fees

A takeoff to landing package may be purchased which includes registration to the conference and all meals; prices are \$155/person or \$300/couple; conference registration fee is \$95/person (includes 1 Friday dinner ticket and 1 Saturday luncheon ticket) or \$180/family (includes 2 Friday dinner tickets and 2 Saturday luncheon tickets). Participants wishing to attend sessions only (with no meals) may do so for \$55/person or \$95/couple. Meal tickets may be purchased separately 48 hours in advance, prices are Thursday luncheon – \$15 per person; Friday luncheon - \$15 per person; Friday dinner - \$30 per person; Saturday luncheon - \$20 per person and Saturday banquet \$35 per person. Please take care to keep event tickets with you, as they will be required for entrance.

### Name Badges

Please wear your conference name badges at all times. Badges are required for entrance to the exhibitor area and concurrent sessions.

### Exhibit Reception/Luncheon and Hours

Registered participants are welcome to attend a cocktail reception and grand opening of the exhibit area sponsored by City Service Valcon/Phillips 66 Aviation in the Grand Montana Ballroom Thursday evening from 5:00 p.m. – 7:00 p.m. On Saturday a box luncheon will be held in the Exhibit Hall from 11:30 a.m. – 1:30 p.m.; thousands of dollars in door prizes will be given away during this luncheon. Exhibitors will be available to answer any questions you may have regarding their products or services. The Exhibit Hall is located in the Grand Montana Ballroom.

**Exhibit Hall Hours:**

Thursday, February 27: 5:00 p.m. – 7:00 p.m.

Friday, February 28: 8:30 a.m. – 11:00 a.m. & 2:00 p.m. – 5:00 p.m.

Saturday, March 1: 8:30 a.m. – 2:00 p.m.

**Refreshment breaks**

All refreshment breaks will be available in the Exhibit Hall during the conference.

**Concurrent Session Choices**

Each session is filled on a first-come, first-served basis. There should be ample seating, but if a room is filled, please refer to your conference program and attend another session. Sessions that are offered twice are indicated so in the program.

**Emergency Medical Services**

In the case of a medical emergency, please advise staff at the Conference Registration Desk, or call the hotel operator by dialing “0”.

**Cell phones**

As a courtesy to others please turn off cell phones during meals & sessions – thank you.

## Wednesday, February 26, 2014

**3:00 p.m. – 5:00 p.m.**

**Holiday Inn Atrium**

Conference Registration

## Thursday, February 27, 2014

**7:30 a.m. – 11:00 a.m.**

**Holiday Inn Atrium**

Conference Registration

**8:00 a.m. – 11:10 a.m.**

**Montana Convention Center/Ralston Room**

**Take Off With Aviation Education – Instructor, Kaye Ebelt**

8:00 a.m. – 8:30 a.m. – Introduction to Workshop – Kaye Ebelt

8:30 a.m. – 9:30 a.m. – Aerodynamics 101 – Rocky Mountain College

9:30 a.m. – 10:15 a.m. – Aviation Inquiry Bernoulli’s Principals – Kaye Ebelt

10:15 a.m. – 11:10 a.m. – Tour Billings Tower – Scott Newpower

**11:30 a.m. – 1:00 p.m.**

**Montana Convention Center/Russell Room**

**Kick-off Luncheon**

**Master of Ceremonies** – Kevin Ploehn, Assistant Director, Billings Logan International Airport

**Speaker** – Larry Chambers - “Flights with Ferguson”

**Color Guard** – MSU-B & Rocky Mountain College ROTC

**Menu** – Western Dip, Potato Salad, Apple Crisp, coffee & tea

**1:15 p.m. – 2:15 p.m.**

**Big Horn Room**

**Promotional Opportunities in Montana**

Mike Tooley, Director, Department of Transportation

Meg O’Leary, Director, Department of Commerce

Jeri Duran, Administrator, Montana Office of Tourism, Department of Commerce

**1:30 p.m. – 4:30 p.m.**

**Montana Convention Center/Ralston Room**

**Take Off With Aviation Education – Instructor, Kaye Ebelt**

1:30 p.m. – 2:15 p.m. – Radio Communication – Kaye Ebelt

2:15 p.m. – 2:45 p.m. – Conference Break and Exhibitor Tour

2:45 p.m. – 3:30 p.m. – Flight Simulators for Teachers – Federal Aviation Administration  
and Dave Hoerner

3:30 p.m. – 4:30 p.m. – Aviation Stations – Kaye Ebelt

**1:30 p.m. – 5:00 p.m.**

**Holiday Inn Atrium**

Conference Registration

## Thursday, February 27, 2014, continued

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**2:30 p.m. – 3:15 p.m.** **Big Horn Room**

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**FAA Briefing/Open Forum**

Kathryn Vernon, Regional Administrator, Federal Aviation Administration

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**3:30 p.m. – 4:15 p.m.** **Big Horn Room**

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**Concurrent Session**

**Following the Critters**

Roger Stradley, Montana Fish Wildlife & Parks

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**3:30 p.m. – 4:30 p.m.** **Lewis & Clark Room**

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Montana Airport Management Association Business Meeting

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**5:00 p.m. – 7:00 p.m.** **Grand Montana Ballroom**

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**Exhibitor welcome and exhibit hall kick-off**

**Refreshments/Exhibitor Awards and much more – come help us celebrate 30 years!**

Sponsored by: City Service Valcon/Phillips 66 Aviation

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## Friday, February 28, 2014

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**6:30 a.m. – 8:00 a.m.** **Montana Convention Center/Russell Room**

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**Montana Community Airport Association General Membership and AOPA, ASN Breakfast Meeting**

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**7:00 a.m. – 11:00 a.m.** **Holiday Inn Atrium**

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**Conference Registration**

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**7:00 a.m. – 11:30 a.m.** **Montana Convention Center/Rains Room**

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**Aircraft Mechanics Refresher Seminar & IA Renewal**

7:00 a.m. - 7:50 a.m. - Mechanics Registration

8:00 a.m. - 9:00 a.m. – Repair of Fabric Surfaces – Carol Leyner, Colorado Classic Aircraft

9:00 a.m. - 10:00 a.m. – Basics of Aviation Piston Engine Lubrications, Now and In the Future – Ben Visser, formerly with Shell Oil

10:00 a.m. - 10:15 a.m. - Break

10:15 a.m. - 11:30 a.m. – Basics of Aviation Piston Engine Fuel, Now and In the Future – Ben Visser, formerly with Shell Oil

*Please Note: Date and time for speakers at Aircraft Mechanics Refresher Seminar & IA Renewal are subject to change without notice. Total training hours for Friday, February 28 = 8 hours*

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**7:30 a.m. – 11:30 a.m.** **Cottonwood Room**

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**Montana Aviation Trades Association (MATA) PAASS Program**

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**8:00 a.m. – 11:10 a.m.** **Montana Convention Center/Ralston Room**

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**Take Off With Aviation Education – Instructor, Kaye Ebelt**

8:00 a.m. – 9:00 a.m. – Set up Aviation Stations for Students

9:00 a.m. – 11:10 a.m. – 4th grade students will rotate between stations, flight simulator, computer weather, balsam airplane flying, aerodynamics station and others – nothing but fun and educational.

Flight Simulator – Cliff Carpenter and Jeff Simmons, Federal Aviation Administration

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**8:15 a.m. – 11:30 a.m.** **Lewis & Clark Room**

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**Montana Community Airport Association Technical Session**

8:15 a.m. – 9:15 a.m. – Inspecting and Maintaining your fuel system – Breezy Burlison, City Service Valcon/Phillips 66

9:15 a.m. – 9:30 a.m. – Break

9:30 a.m. – 10:15 a.m. – Future Airport Managers and the Rocky Mountain College Aviation Program – Dan Hargrove, Rocky Mountain College

10:15 a.m. – 10:30 a.m. – Break

10:30 a.m. – 11:30 a.m. – EN-II and NOTAM Changes – George Jackowski, FAA Flight Service

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## Friday, February 28, 2014, continued

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**8:30 a.m. – 11:00 a.m.** **Grand Montana Ballroom**

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Display Area Open – *Refreshments served at 8:30 a.m.*

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**9:00 a.m. – 11:00 a.m.** **Madison Room**

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**Montana Airport Management Association (MAMA) Technical Session**  
**Best Management Practices - Preparing For Your Annual Part 139 Inspection**  
**Roundtable Forum for Air Carrier Airports**  
Mike Mahoney, P.E., Kadrmass, Lee & Jackson

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**9:15 a.m. – 10:00 a.m.** **See location below**

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**Concurrent Sessions**

**Spotted Bear Ranger District Back Country Airstrips** **Yellowstone Room**  
Deb Mucklow, United States Forest Service

**Spatial Disorientation** **Big Horn Room**  
Rogers Shaw II, FAA, Civil Aerospace Medical Institute, Airman Education Program

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**10:30 a.m. – 11:15 a.m.** **See location below**

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**Concurrent Sessions**

**I Fly With an IPAD** **Yellowstone Room**  
Kevin Danz, Montana Pilots Association

**Successful Navigation of Your Flight Physical** **Big Horn Room**  
Randle S. Corfman, PhD, MD

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**11:30 a.m. – 1:30 p.m.** **Montana Convention Center/Russell Room**

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**Awards Luncheon**

**Master of Ceremonies:** Steve Tostenrud, Experimental Aircraft Association  
**Speaker:** Dr. John Priscu - "Aviation and Science Support in Antarctica"  
**Color Guard:** United States Marine Corp Reserve  
**Menu:** Chicken Salad Croissant, Italian Pasta Salad, Carrot Cake, coffee & tea

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**1:30 p.m. – 5:00 p.m.** **Holiday Inn Atrium**

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**Conference Registration**

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**1:40 p.m. – 4:00 p.m.** **Yellowstone Art Museum/Yellowstone Cellars & Winery**

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**Spouse/Guest Tour** - Enjoy a tour of the Yellowstone Art Museum. The Yellowstone Art Museum exhibits, interprets, collects, and preserves art, with an emphasis on Montana and surrounding regions, for the enrichment, education, inspiration, and enjoyment of all. After the museum the group will visit Yellowstone Cellars and Winery. Yellowstone Cellars is a "bookend" boutique winery -- complete with a wine cellar, tasting room and an event area. Participants can enjoy samples of their releases and experience the art and science of premium wine making. A sign-up sheet is located at the registration desk in the Holiday Inn Atrium, space is limited. Participants will meet in Holiday Inn lobby at 1:40 p.m., bus leaves at 1:45 p.m.

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**1:45 p.m. – 2:30 p.m.** **Yellowstone Room**

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**General Aviation Issues**

Jeff Gilley, Director of Airports, National Business Aviation Association and Greg Pecoraro, Vice President, Regional Affairs, Aircraft Owners & Pilots Association.

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**2:00 p.m. – 4:15 p.m.** **Montana Convention Center/Ralston Room**

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**Take Off With Aviation Education – Instructor, Kaye Ebelt**

2:00 p.m. – 2:30 p.m. – Aviation Navigation and Flight Planning – Kaye Ebelt and Dave Hoerner  
2:30 p.m. – 3:15 p.m. – Pre-flight, Taxi, Traffic Pattern – Dave Hoerner  
3:15 p.m. – 3:25 p.m. – Break  
3:25 p.m. – 4:15 p.m. – Pre-flight, Taxi, Traffic Pattern, First Flight – Dave Hoerner

## Friday, February 28, 2014, continued

**2:00 p.m. – 5:00 p.m.**

**Grand Montana Ballroom**

Display Area Open – Refreshments served at 2:00 p.m.

**2:00 p.m. – 7:00 p.m.**

**Montana Convention Center/ Rains Room**

**Aircraft Mechanics Refresher Seminar and IA Renewal**

2:00 p.m. - 3:00 p.m. – RSA Fuel Injection Systems – Alan Jesmer, Precision Airmotive

3:00 p.m. - 4:15 p.m. – MSA Carburetor Systems – Alan Jesmer, Precision Airmotive

4:15 p.m. - 4:30 p.m. - Break

4:30 p.m. - 5:30 p.m. – Propeller Maintenance & Repair, Service Bulletin Updates – Joe Westby, Northwest Propeller

5:30 p.m. - 7:00 p.m. – Federal Aviation Administration Mechanics Listening Session – Patrick MacQuarrie, Helena FSDO Manager

*Please Note: Date and time for speakers at Aircraft Mechanics Refresher Seminar & IA Renewal are subject to change without notice. Total training hours for Friday, February 28 = 8 hours*

**2:30 p.m. – 3:30 p.m.**

**Ponderosa Room**

Montana Community Airport Association Director's Meeting

**2:45 p.m. – 3:30 p.m.**

**see location below**

**Concurrent Sessions**

**Making Bad Wine...Medical Factors which can Contribute to Bad Flight Decisions**

Randle S. Corfman, PhD, MD

**Yellowstone Room**

**Hangar Talk – Reflections on 70 years in aviation & space**

Frank Borman, Retired NASA Astronaut

**Big Horn Room**

**3:45 p.m. – 4:30 p.m.**

**see location below**

**Concurrent Sessions**

**Montana's Most Famous Tri-Motor**

Ted Mathis, Retired Airport Manager, Gallatin Field

**Yellowstone Room**

**COPA Alaska Highway Air Tour & Beyond**

Wade & Geanette Cebulski

**Big Horn Room**

**3:45 p.m. – 4:30 p.m.**

**Madison Room**

Experimental Aircraft Association (EAA) Open Forum

**4:00 p.m. – 6:15 p.m.**

**Rocky Mountain College Hangar & Billings Tower**

**Tower Tours, Static Display & MPA/RPA Hospitality** - Buses will begin a rotation leaving Holiday Inn Grand curbside beginning at 4:00 p.m. and take participants to the Airport Tower for guided tours and to the static display and hospitality event hosted by Montana Pilots Association and Robert Peccia & Associates. Buses will then take participants back to hotel for dinner/entertainment with final buses departing from static display at 6:00 p.m.

**6:30 p.m. – 9:30 p.m.**

**Montana Convention Center/Russell Room**

**Dinner/Entertainment – Two complimentary drink tickets and dinner are included in the registration packet to those registered and paid for the entire Conference.**

**Menu:** Western Roundup – tossed garden salad; potato salad; macaroni salad; vegetable salad; fresh fruit tray; assorted desserts; buttermilk biscuits; corn on the cob; cowboy beans; breaded oven baked chicken; smoked BBQ beef brisket.

**Entertainment by:** Chuck n' Al's Travelin' Potluck Show – live acoustic music

## Saturday, March 1, 2014

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**6:30 a.m. – 11:30 a.m. Montana Convention Center/Rains Room**

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**Aircraft Mechanics Refresher Seminar and IA Renewal**

6:30 a.m. – 6:50 a.m. - Mechanics Registration

7:00 a.m. - 8:00 a.m. – FAA – Mixing Bowl – Jeff Vercoe & Bryan Hanson, FAA

8:00 a.m. - 8:15 a.m. – Break

8:15 a.m. – 9:15 a.m. – FAA – IA's Do's and Don'ts – Jeff Vercoe & Bryan Hanson, FAA

9:15 a.m. - 10:15 a.m. – Care and Maintenance of Wheels and Brakes – Vern Rodgers, Parker/Cleveland Wheels & Brakes

10:15 a.m. - 10:30 a.m. - Break

10:30 a.m. - 11:30 a.m. – Spark Plug Design, Theory, Inspection & Maintenance – Dick Johnson, Champion Aviation Products

*Please Note: Date and time for speakers at Aircraft Mechanics Refresher Seminar & IA Renewal are subject to change without notice. Total training hours for Saturday, March 1 = 8 hours 15 minutes*

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**7:00 a.m. – 11:00 a.m. Holiday Inn Atrium**

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**Conference Registration**

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**8:00 a.m. – 10:00 a.m. Big Horn Room**

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**Montana Pilots Association Annual General Membership Meeting**

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**8:00 a.m. – 12:00 p.m. Billings Logan Intl' Airport**

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**Takeoff With Aviation Education** – Field trip to Billings Logan International Airport

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**8:30 a.m. – 2:00 p.m. Grand Montana Ballroom**

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**Display Area Open – Refreshments served at 8:30 a.m.**

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**9:00 a.m. – 9:45 a.m. see location below**

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**Concurrent Sessions**

**Restoration of David Comstock's 1932 Pietenpol**

Pat Kenney, Science Teacher

**Lewis & Clark Room**

**Risk Management**

Rogers Shaw II, FAA, Civil Aerospace Medical Institute, Airman Education Program

**Yellowstone Room**

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**10:15 a.m. – 11:00 a.m. see location below**

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**Concurrent Sessions**

**Soaring in Montana**

Sterling Starr

**Lewis & Clark Room**

**Thirty Years in the Frozen North -**

**Bush Airplanes & Pilots I've Known**

Mike Vivion

**Yellowstone Room**

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**11:30 a.m. – 1:30 p.m. Grand Montana Ballroom**

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**Luncheon Menu:** Deli sandwich; Fruit Cup; Chips; Cookie; Soda or Water

Luncheon begins at 11:30 a.m. and is free to those registered for entire Conference.

Thousands of dollars of door prizes to be given away.

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**1:00 p.m. – 5:30 p.m. Montana Convention Center/Rains Room**

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**Aircraft Mechanics Refresher Seminar and IA Renewal**

1:00 p.m. - 2:00 p.m. – Avionics Retrofits for the 21<sup>st</sup> Century – Gordon Dewey, Aertronics

2:00 p.m. - 3:00 p.m. – Turbine Ignition Systems – Dick Johnson, Champion Aviation Products

3:00 p.m. - 3:15 p.m. - Break

3:15 p.m. - 4:30 p.m. – Practical Tips for Aviation Maintainers – Michael Devenney, Bell Helicopter

4:30 p.m. - 5:30 p.m. – FAA – TCD's – Jeff Vercoe & Bryan Hanson, FAA

*Please Note: Date and time for speakers at Aircraft Mechanics Refresher Seminar & IA Renewal are subject to change without notice. Total training hours for Saturday, March 1 = 8 hours 15 minutes*

## Saturday, March 1, 2014, continued

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**1:45 p.m. – 2:30 p.m.**

**see location below**

**Concurrent Sessions**

**Flathead Forest Planning Process**

Ron Normandeau & Chuck Jarecki, Recreational Aviation Foundation

**Yellowstone Room**

**Restoration of Piper's First Super Cub**

Roger & Darrin Meggers, Baker Air Service

**Big Horn Room**

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**2:00 p.m. – 3:00 p.m.**

**Ponderosa Room**

**Aviation Organizations of Montana Business Meeting**

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**2:45 p.m. – 3:30 p.m.**

**see location below**

**Concurrent Sessions**

**Emergency in the Cockpit**

Marc Halderman, Rocky Mountain College

**Yellowstone Room**

**Flying Alaska Gold**

David Hoerner, MDT Aeronautics Division

**Big Horn Room**

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**3:00 p.m. – 3:30 p.m.**

**Lewis & Clark Room**

**Montana Antique Aircraft Association Board Meeting**

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**3:15 p.m. – 4:15 p.m.**

**Ponderosa Room**

**99's Business Meeting**

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**3:30 p.m. – 4:30 p.m.**

**Lewis & Clark Room**

**Montana Antique Aircraft Association Business Meeting (anyone is welcome)**

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**5:30 p.m. – 6:30 p.m.**

**Montana Convention Center**

**No Host Hospitality Hour**

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**6:30 p.m. – 10:00 p.m.**

**Montana Convention Center/Russell Room**

**Banquet**

**Master of Ceremonies:** Steve Vold, Aerotronics, Montana Aviation Trades Association

**Speaker:** Mark Baker, President, Aircraft Owners & Pilots Association

**Color Guard:** United States Marine Corp Reserve

**National Anthem:** Kristie Ostlund

**Menu:** Prime Rib; Tossed Salad; Corn O'Brien; Garlic Red Potatoes; Chocolate Mousse