

OFFICE OF THE GOVERNOR
STATE OF MONTANA

STEVE BULLOCK
GOVERNOR



MIKE COONEY
LT. GOVERNOR

February 27, 2020

Welcome aviation conference participants!

I am pleased to welcome each of you to the 2020 Montana Aviation Conference and to the "Electric City," where aviation has long played an important role in the community and the local economy.

Over the next three days, you have the opportunity to attend many interesting aviation-related breakout sessions, to enjoy meal functions and special speakers, and to take part in a variety of social events. You will listen to aviation professionals who will share their expertise and experience on a wide variety of topics of importance to the aviation industry. Aviation-related vendors from across the country will be in attendance to share with you information on their vital services and products.

Montana's vast geography makes aviation especially important to Montanans. Aviation provides for the efficient and safe movement of goods and people throughout the state and links us to the national and global air transportation systems we increasingly rely on.

I thank and congratulate each of you on the celebration of the 36th annual conference. This would not be possible without the great passion each of you share for aviation. I truly appreciate your contribution to Montana's aviation industry and wish you the very best for a successful conference. Enjoy your stay in Great Falls.

Sincerely,

A handwritten signature in blue ink, appearing to read "Steve Bullock", with a long horizontal flourish extending to the right.

STEVE BULLOCK
Governor



February 27, 2020

2020 Montana Aviation Conference Participants

Welcome to Great Falls known as the "Electric City" in the heart of Montana. Thank you for attending the 36th annual Montana Aviation Conference with this year's theme "Aviation Legends; Past & Future." We are excited once again to host this annual conference that brings together all facets of the aviation community.

You will enjoy a variety of entertaining and informative sessions and vendors that cater to all interests of the aviation field for both professionals and enthusiasts. Our Thursday Luncheon keynote speaker this year is **Scott Smith**, a Great Falls native, who will be discussing his journey from a school kid in Cascade to a pilot in the MANG. **Colonel (Retired) Stephen "Lux" Luxion** will entertain and inform us with stories from his career with the Air Force to the innovative technologies regarding UASs at the Friday evening Dinner. The Saturday Banquet keynote speaker is **Richard McSpadden**, Executive Director of the AOPA Air Safety Institute, who will be discussing why good pilots make bad decisions.

There will also be an opportunity to visit the Mighty Mo Brew Pub located in Downtown Great Falls before joining the Montana Pilots Association's Static Display at Holman Aviation's Hangar located at the Great Falls International Airport. For the most scenic drive in the city, at the east end of the Central Street bridge, turn north on River Road and follow it for miles. There are convenient pull outs where you will see waterfalls and by turning left on Giant Springs Road will see the giant springs and the Lewis & Clark Interpretive Center.

We are confident your visit to Great Falls will be an enjoyable experience. If there is anything we can do to make your stay or participation in the conference more enjoyable, please don't hesitate to contact one of the members of the Conference Committee or the Aeronautics Division staff.

Sincerely,

Bob Frank-Plumlee, Chair
2020 Great Falls Conference Committee

Tim Conway, Administrator
MDT Aeronautics Division

General Conference Information

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

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

Montana Antique Aircraft Association (MAAA) – Established in 1978, MAAA's goal is to "Keep the Antiques Flying." MAAA welcomes nonpilots with an appreciation and interest in antique or classic aircraft.

Montana Aviation Trades Association (MATA) – Established in 1955, MATA promotes and protects the commercial aviation industry in Montana. Membership consists of FBOs, mechanics, professional pilots, aviation suppliers and many others involved in commercial aviation.

Montana Pilots Association (MPA) – Established in 1939, MPA is a statewide organization of pilots formed to support and promote general aviation.

Montana Seaplane Pilots Association (MTSPA) – Established in 1992, MTSPA protects seaplane activities, provides social activities, advises and assists the National Seaplane Association, and educates membership on seaplane safety, aquatic invasive species and noise abatement to create a positive public perception of seaplanes.

Montana 99s – Established in 1954, the 99s are an organization of women pilots who promote community service, provide scholarships for women pursuing aviation careers and preserves the history of women in aviation.

Exhibit Hours

Registered participants are welcome to attend a cocktail reception and grand opening of the exhibit area **sponsored by Great Falls Montana Tourism** in the Exhibit Area Thursday evening from 5:00 p.m. – 7:00 p.m. On Saturday, a box luncheon will be held in the Exhibit Area from 11:30 a.m. – 1:30 p.m.; 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.

Exhibit Area Hours:

Thursday, February 27:	1:30 p.m. – 7:00 p.m.
Friday, February 28:	9:00 a.m. – 11:00 a.m. & 2:00 p.m. – 5:00 p.m.
Saturday, February 29:	9:00 a.m. – 2:30 p.m.

Concurrent Session Choices

Each session is filled on a first-come, first-served basis. There should be ample seating, but if a room is full, please refer to your conference program and attend a different session.

FAA WINGS Credits

We are happy to announce the conference will again offer many concurrent sessions that qualify for FAA WINGS Credits again this year! To learn more about the FAA WINGS program, visit www.FAASafety.gov.



Look for the WINGS symbol in the program to see which sessions qualify. To receive credit, you must legibly complete the sign in sheet located in the room for that session. Please note that you can register in advance at FAASafety.gov. Attending the IA Renewal Seminar qualifies for Aviation Maintenance Technician (AMT) Credits.

Wednesday, February 26, 2020

3:00 p.m. – 5:00 p.m.

Conference Registration

Convention Area

Thursday, February 27, 2020

7:30 a.m. – 11:00 a.m.

Conference Registration

Convention Area

10:00 a.m. – 11:00 a.m.

Diplomat Pilot: A Passport to Africa

Canadian Room

Tom Culbert, LT COL USAF (Retired)

This talk focuses on Tom's piloting experiences flying a USAF Beechcraft B-200 (C-12) throughout Africa in the years 1979-1989. His multifaceted duties as an Air Force Military Attaché led him into some very unique airfields and operational situations.

Protecting our Waters from Aquatic Invasive Species

Britain Room

Russ Hartzell, Montana Fish Wildlife & Parks, AIS Area Supervisor

A close look at steps that can be taken to reduce risk among vectors for AIS transport: seaplanes, watercraft, etc.

Flying with Modern Avionics

American Room

Wayne McGhee, Garmin, NW Aviation Regional Sales Manager

Review of what technologies are available for pilots in avionics.

This session is offered again on Friday at 10:00 a.m.



10:30 a.m. – 11:00 a.m.

Exhibitor Meeting

Montana Room

Effie Benoit, Conference Coordinator

Exhibitors, please join us for a quick meeting before the conference gets fully underway!

11:30 a.m. – 1:15 p.m.

Kick-Off Luncheon

Convention Area

Master of Ceremonies – John Faulkner, Great Falls International Airport Director

Color Guard – Montana Air National Guard Base, Honor Guard Team

Speaker – Scott Smith, "Vigilante Props and Burners"

Menu – Montana Style Roast Beef - 6 oz. roast beef, sirloin sliced, with mashed potatoes and brown sauce, seasonal vegetables, tossed salad, dinner rolls, coffee, tea, and assorted fruit pies for dessert.

1:30 p.m. – 2:30 p.m.

FAA Listening Session

Canadian Room

David C. Suomi, FAA, Northwest Mountain Region, Regional Administrator

Updates on what's new in the FAA and answer questions or concerns about the FAA.

1:30 p.m. – 5:00 p.m.

Exhibit Area Open

Exhibit Area

Refreshments served at 3:30 p.m.

Conference Registration

Convention Area

2:45 p.m. – 3:45 p.m.

Learning from Aircraft Accident Investigations

Canadian Room

Kristi Dunks, National Transportation Safety Board, Transportation Safety Analyst

By understanding why aircraft accidents occur, we can prevent future accidents from occurring.

We will discuss the NTSB's role in the accident investigation process and review aircraft accident case studies.



Survival Gear: Your Ticket Home if the Worst Comes to Pass

Britain Room

Mike Vivion, President Montana Pilots Association

Most pilots prefer not to think about survival issues. But, even having to land at a "rural" airport due to weather can leave you and your passengers in a survival situation.

Aeronautical Decision-Making

American Room

Willie Hurd

Making good aeronautical decisions is key to good piloting.



4:00 p.m. – 5:00 p.m.

Up & Down & Round & Round:

Canadian Room

Tips for Backcountry Takeoffs, Landings, GoArounds & “Gotchas”

Dr. Amy Hoover, Canyon Flying



Methods to help pilots maximize aircraft performance, including how to plan for and assess backcountry operations. Examples of techniques to determine approach path, power settings, and airspeeds, and strategies for knowing how, why and when to abort a takeoff or landing.

Flight Operations in Mountain Wave

Britain Room

Kurt Kleiner, Certified Flight Instructor



This overview of mountain wave will describe the conditions necessary for wave to form, the three types of wave and their structure, and the hazards pilots should recognize to avoid severe turbulence. It will conclude with lessons learned and tips for soaring pilots who wish to acquire experience soaring in wave.

Fire Aviation

American Room

David Crisp, Bridger Air Tanker, Director of Training

Description of aerial firefighting from a pilot's perspective.

Montana Airport Management Association (MAMA) Business Meeting

Montana Room

*MAMA provides professional codes and standards for airport management, promotes public understanding of the value of aviation and airports, promotes high standards of technical operations, and promotes the development of airports. **Open to current and prospective members.***

5:00 p.m. – 7:00 p.m.

Exhibitor Welcome and Exhibit Kick-Off Event

Exhibit Area

Come help us celebrate 36 years with exhibitor awards and refreshments!

Sponsored by Great Falls Montana Tourism

Thursday, 2/27/20	7:00 AM	8:00 AM	9:00 AM	10:00 AM	11:00 AM	12:00 PM
Convention Area			Conference Registration			Kick-Off Luncheon - "Vigilante Props and Burners" - Scott Smith
Exhibit Area						
Canadian Room				Diplomat Pilot: A Passport to Africa - Tom Culbert		
Britain Room				Protecting our Waters from Aquatic Invasive Species - Russ Hartzell		
American Room				Flying with Modern Avionics - Wayne McGhee 		
Montana Room				Exhibitor Meeting		



Indicates the session qualifies for FAA WINGS credits

Thursday, 2/27/20		1:00 PM	2:00 PM	3:00 PM	4:00 PM	5:00 PM	6:00 PM	7:00 PM
Convention Area	Lunch	Conference Registration						
Exhibit Area		Exhibit Area Open						
Canadian Room		FAA Listening Session - David C. Suomi 	Learning from Aircraft Accident Investigations - Kristi Dunks 	Up & Down & Round & Round - Dr. Amy Hoover 	Exhibitor Welcome & Kick-Off Event			
Britain Room			Survival Gear: Your Ticket Home if the Worst Comes to Pass - Mike Vivion 	Flight Operations in Mountain Wave - Kurt Kleiner 				
American Room			Aeronautical Decision-Making - Willie Hurd 	Fire Aviation - David Crisp				
Montana Room				MAMA Business Mtg				

 Indicates the session qualifies for FAA WINGS credits

6:00 a.m. – 11:00 a.m.

Conference Registration

Convention Area

7:00 a.m. – 11:30 a.m.

Aircraft Mechanics Refresher Seminar & IA Renewal

Britain/American Rooms

7:00 a.m. - 7:15 a.m. – **Welcome and Introductions**

Derrick Olheiser, MDT Aeronautics, Aircraft Technician

7:15 a.m. - 8:15 a.m. – **FAA**

Jeff Vercoe, Federal Aviation Administration, Safety Program Manager

Bryan Hanson, Federal Aviation Administration, Principal Maintenance Inspector

8:15 a.m. - 9:15 a.m. – **Maintenance Related Aircraft Accidents**

Kristi Dunks, National Traffic Safety Board, Transportation Safety Analyst

While proper maintenance keeps aircraft operating, sometimes errors happen. By understanding these errors, you will be better equipped to detect them before an accident occurs.

9:15 a.m. - 9:30 a.m. – **BREAK**

Sponsored by Omaha Airplane Supply

9:30 a.m. - 10:30 a.m. – **PT6A Turboprop Engine Familiarization and Maintenance**

Robert Craymer, Covington Aircraft, Delta Ag Regional Manager

A presentation over line maintenance.

10:30 a.m. - 11:30 a.m. – **RSA Fuel Inspection and Marvel Schebler Float Carburetors**

Alan Jesmer, Precision Airmotive

Direction on operation, maintenance and troubleshooting MSA Float Carburetors and RSA Fuel Injection Systems.

8:45 a.m. – 9:45 a.m.

TFR's and Risk Management

Lewis/Clark Rooms (Upstairs)

Kurt Kleiner, Certified Flight Instructor



This is an overview of Fire TFRs, how they are designed and modified in collaboration with ATC and the FAA, and some helpful hints for pilots to avoid an incursion violation or mid-air collision. Several case studies will be discussed.

8:45 a.m. – 10:45 a.m.

Aviation STEM for Grade Schoolers

Montana/Alberta Rooms

Matt Lindberg, MDT Aeronautics Safety and Education Bureau Chief

Ryan Hannahoe, Montana Learning Center, Executive Director

Chris Gillette, Montana Learning Center, Instructor

This Aviation STEM (Science, Technology, Engineering and Mathematics) class is designed to introduce grade school students to aviation. Hands-on experiments, labs and other activities are demonstrated to teach various basic science principles to young students with an aviation theme in order to educate and excite them about aviation. For many kids, this is their first introduction to the world of flight. This exciting course is designed to leave lasting aviation enthusiasm and interest with Montana's youth to help inspire the next generation of aviators.

9:00 a.m. – 11:00 a.m.

Exhibit Area Open

Exhibit Area

Refreshments served at 9:30 a.m.

10:00 a.m. – 11:00 a.m.

“Weather” or Not - Where Do I Go?

Canadian Room

Practical Tips on Mountain & Canyon Weather Phenomena & Flight Operations

Dr. Amy Hoover, Canyon Flying



Learn how to maximize performance and minimize risk by understanding select weather phenomena unique to mountain and canyon environments. Examples of how to find and use lift, avoid turbulence and downdrafts, assess hazards en route, and make safe approaches and departures to backcountry airstrips.

Unmanned Aerial System (UAS) Updates

Lewis/Clark Rooms (Upstairs)

Troy Meskimen, Federal Aviation Administration, Aviation Safety Inspector



Review of FAA UAS information and where to find it.

U.S. Customs & Border Protection Aviation Enforcement

Missouri Room (Upstairs)

Mark Hanson, U.S. Customs & Border Protection, Supervisory CBP Officer

An overview of CBP’s mission with a focus on General Aviation enforcement.

Flying with Modern Avionics

Room 201 (Upstairs)

Wayne McGhee, Garmin, NW Aviation Regional Sales Manager



Review of what technologies are available for pilots in avionics.

11:00 a.m. – 12:00 a.m.

Montana Aeronautics: Present & Future

Room 201 (Upstairs)

Tim Conway, MDT Aeronautics Administrator

Wade Cebulski, MDT Aeronautics Airports & Airways Bureau Chief

Matt Lindberg, MDT Aeronautics Safety & Education Bureau Chief

Find out what we do with your tax dollars and help shape the future of Aeronautics in Montana.

12:00 p.m. – 1:30 p.m.

Awards Luncheon

Convention Area

Master of Ceremonies – Bob Frank-Plumlee, Conference Committee Chairperson, Aviation Organizations of Montana (AOM) Secretary/Treasurer

Federal Aviation Administration Wright Brothers Master Pilot Awards - Presented by Jeff Vercoo, Federal Aviation Administration, Safety Program Manager

See page 27 of the program for award recipients.

Aviation Scholarship Awards – Presented by Matt Lindberg, MDT Aeronautics Safety & Education Bureau Chief

See pages 28 through 31 of the program for award recipients.

Menu – Herb Baked Chicken - Herb roasted chicken breast served with baked baby red potatoes, seasonal vegetables, tossed salad, dinner rolls, coffee, tea, and lemon cream mousse cake.

12:00 p.m. - 1:00 p.m.

**Aircraft Mechanics Refresher Seminar & IA Renewal:
FAA AMT Training Video**

Britain/American Rooms

1:30 p.m. – 5:00 p.m.

Conference Registration

Convention Area

1:45 p.m. – 2:45 p.m.

Miss Montana to Normandy and More

Canadian Room

Bryan Douglass, Miss Montana Flight Crew

This presentation will be a photo and video summary of the epic flight of the DC-3 Miss Montana to Normandy and Germany. Bryan will be joined by other members of the Miss Montana to Normandy Crew.

Montana Employer Support of the Guard and Reserve

Missouri Room (Upstairs)

Brad Livingston, Montana ESGR State Chairman

Mike Flaherty, Montana ESGR Public Relations and Training Director

Hire a drug free employee! Montana Employer Support of the Guard and Reserve (Montana ESGR) is a Department of Defense program with a mission to build and maintain supportive civilian work environments for our National Guard and Reserve members. Learn how Montana ESGR is your resource for hiring highly trained, drug free employees - our Montana Guard and Reserve members; learn more about the military service of your current civilian employees. Talk one-on-one with a member of the Montana Air National Guard 120th Airlift Wing.

1:45 p.m. – 3:00 p.m.

Surviving the Unexpected: Human Factors of a Mid-Air Collision

Montana/Alberta Rooms

Dr. Amy Hoover, Canyon Flying



Amy Hoover shares her personal story of how attitude and training helped her to land successfully and facilitate her own rescue after her airplane was disabled in a mid-air collision over a remote mountainous area.

1:45 p.m. – 4:00 p.m.

Social Outing Mighty Mo Brew Pub Beer Tasting

Great Falls Downtown

Join your friends for a sample flight or pint of local brews. Tickets are required for this event and can be purchased at the Registration desk for a nominal fee. Seating on the bus is limited, so be sure to purchase tickets early!

A bus will leave the Heritage Inn curbside at 1:45 p.m. to take participants to the Mighty Mo Brew Pub and will pick up participants at 3:45 p.m. to return them to the Heritage Inn.

2:00 p.m. – 5:00 p.m.

Exhibit Area Open

Exhibit Area

Refreshments served at 3:30 p.m.

Sponsored by National Business Aviation Association (NBAA)

2:00 p.m. – 6:15 p.m.

Aircraft Mechanics Refresher Seminar and IA Renewal

Britain/American Rooms

2:00 p.m. - 3:00 p.m. – **Calibration: An Annual Inspection for Your Tools**

Jessie & Mike Ellis, PinnaCal, LLC

Learn about the importance of calibration as a part of meeting FAA requirements and as a method to ensure proper tool performance. We discuss the history of calibration and look at FAR 14 CFR Part 121, FAR 14 CFR Part 145, and FAA Advisory Circular 145-9 to better understand the requirements specific to the aviation industry. We will explain traceability and discuss good documenting practices and record keeping as well as how to set a calibration interval.

3:00 p.m. - 4:00 p.m. – **Aircraft Interior Upholstery**

Darrold Hutchinson, Hutchinson Aircraft Upholstery

FAA maintenance compliance of aircraft interiors. Is it a major or minor repair? As an aircraft owner, can I do it myself?

4:00 p.m. - 4:15 p.m. - BREAK

Sponsored by National Business Aviation Association (NBAA)

4:15 p.m. - 5:15 p.m. – **Turbine Oil and Grease Updates**

Greg Cross, Cross Petroleum Service

5:15 p.m. - 6:15 p.m. – **Cause & Effect - Alternator Drive Coupling**

Tim Gauntt, Hartzell Engine Technologies, Director of Product Support

A presentation based on the SAIB referenced. Written by Hartzell Engine Technologies LLC and G&N Aircraft, Inc., this presentation reviews the history of the Continental Permold style gear drive alternator installations and specifically addresses issues surrounding the gear coupling installation on these alternators.

3:00 p.m. – 4:00 p.m.

Industry Hot Topics from AOPA & NBAA

Canadian Room

Josh Pruzek, Aircraft Owners and Pilots Association, Regional Manager

Kristi Ivey, National Business Aviation Association, Regional Representative

Join your Montana AOPA Regional Manager and NBAA Regional Representative as they discuss issues affecting general aviation and advocacy efforts locally, regionally, and nationally as well as their respective association focus areas for the new decade.

A New Framework for Single Pilot Resource Management

Lewis/Clark Rooms (Upstairs)

Gerald Hansen, Certified Flight Instructor



This presentation will introduce a new framework pilots can use to manage their resources in a single pilot environment. The framework will incorporate the tools and techniques used by military and airline pilots to safely operate their aircraft.

3:30 p.m. – 6:00 p.m.

Holman Aviation Hangar

Static Display & Montana Pilots Association (MPA) Hospitality at Great Falls International Airport

Buses will begin a rotation leaving the Heritage Inn curbside beginning at 3:30 p.m. to take participants to the static display at Holman Aviation's hangar where a hospitality event will be hosted by the Montana Pilots Association (MPA) and Robert Peccia & Associates (RPA). Buses will rotate to and from the static display with final buses departing from the static display at 6:00 p.m. for the Heritage Inn for dinner.

6:30 p.m. – 9:30 p.m.

Convention Area

Buffet Dinner and Entertainment

Two complimentary drink tickets are included in the price of dinner.

Speaker - Colonel (USAF-Retired) Steve "Lux" Luxion, Director of the FAA ASSURE program "*A Flight Through Aviation History*"

Entertainment - Hunter Rivord - Artist Hunter Rivord will create live abstract paintings during dinner.

Menu – Montana BBQ Buffet - Smoked Beef Brisket, BBQ Chicken Quarters, baked potatoes, western baked beans, corn on the cob, seasonal fresh fruit, macaroni salad, coleslaw, dinner rolls, coffee, tea and an assorted dessert station.

	7:00 AM	8:00 AM	9:00 AM	10:00 AM	11:00 AM	12:00 PM
Friday, 2/28/20						
Convention Area	Conference Registration (begins at 6:00 AM)					
Exhibit Area			Exhibit Area Open			
Canadian Room			"Weather" or Not - Where Do I Go? - Dr. Amy Hoover 			
Britain Room	Aircraft Mechanics Refresher Seminar & IA Renewal					
American Room	FAA - Jeff Vercoe & Bryan Hanson	Maintenance Related Aircraft Accidents - Kristi Dunks	PT6A Turboprop Engine Familiarization and Maintenance - Robert Craymer	RSA Fuel Inspection and MSA Float Carburetors - Alan Jesmer		IA Training Video
Montana Room			Aviation STEM for Grade Schoolers - Matt Lindberg, Ryan Hannahoe, & Chris Gillette			FAA AMT Training Video
Alberta Room			TFR's and Risk Management - Kurt Kleiner 			
Lewis Room - Upstairs				UAS Updates - Troy Meskimen 		
Clark Room - Upstairs						
Room 201 - Upstairs				Flying with Modern Avionics - Wayne McGhee 	Montana Aeronautics: Present & Future - Tim Conway, Wade Cebulski & Matt Lindberg	
Missouri Room - Upstairs				U.S. Customs & Border Protection Aviation Enforcement - Mark Hanson		
Other - Social Outing						
Other - Static Display						

 Indicates the session qualifies for FAA WINGS credits

Friday, 2/28/20	1:00 PM	2:00 PM	3:00 PM	4:00 PM	5:00 PM	6:00 PM	7:00 PM
Convention Area	Lunch	Conference Registration					
Exhibit Area		Exhibit Area Open					
Canadian Room		Miss Montana to Normandy and More - Bryan Douglass	Industry Hot Topics from AOPA & NBAA - Kristi Ivey & Josh Pruzek				Buffet Dinner - Stephen "Lux" Luxion (ends at 9:30 PM)
Britain Room		Aircraft Mechanics Refresher Seminar & IA Renewal					
American Room		Calibration: An Annual Inspection for your Tools - Jessie & Mike Ellis	Aircraft Interior Upholstery - Darrold Hutchinsonson	Turbine Oil and Grease Updates - Greg Cross	Cause & Effect - Alternator Drive Coupling - Tim Gauntt		
Montana Room		Surviving the Unexpected - Dr. Amy Hoover 					
Alberta Room		A New Framework for Single Pilot Resource Management - Gerald Hansen 					
Lewis Room - Upstairs							
Clark Room - Upstairs							
Room 201 - Upstairs							
Missouri Room - Upstairs		Montana Employer Support of the Guard and Reserve - Brad Livingston & Mike Flaherty					
Other - Social Outing		Social Outing - Mighty Mo Brew Pub					
Other - Static Display				Static Display & MPA Hospitality - Holman Aviation Hangar			

 indicates the session qualifies for FAA WINGS credits

6:00 a.m. – 11:00 a.m.

Conference Registration

Convention Area

7:00 a.m. – 11:30 a.m.

Aircraft Mechanics Refresher Seminar and IA Renewal

Britain/American Rooms

7:00 a.m. - 7:15 a.m. - **Welcome and Introductions**

Derrick Olheiser, MDT Aeronautics Aircraft Technician

7:15 a.m. - 8:15 a.m. - **FAA**

Jeff Vercoec, Federal Aviation Administration, Safety Program Manager

8:15 a.m. - 9:15 a.m. - **Aircraft Avionics: Radios, Transponders and GPS's**

Steve Vold, Aertronics

9:15 a.m. - 9:30 a.m. - BREAK

9:30 a.m. - 10:30 a.m. - **Overhaul Field Maintenance, AD Notes**

Richard Jacob, Northwest Propeller, Owner

10:30 a.m. - 11:30 a.m. - **FAA Listening Sessions**

Johnny Portillo, Federal Aviation Administration

Updates on what's new in the FAA and answer questions or concerns about the FAA.

8:00 a.m. – 10:00 a.m.

Montana Pilots Association (MPA) Annual General Membership Meeting

Canadian Room

*The MPA is a statewide organization of pilots formed to support and promote general aviation. **Open to current and prospective members.***

Montana 99s Business Meeting

Room 200 (Upstairs)

*The Montana 99s will have their annual business meeting where they will elect the officers for the group and discuss upcoming events. The Air Race Classic and the Northwest Section of the 99s Conference will both be discussed. **Open to current and prospective members.***

9:00 a.m. – 1:00 p.m.

Scout Aviation Merit Badge Workshop

Montana/Alberta Rooms

Matt Lindberg, MDT Aeronautics Safety & Education Bureau Chief

Ryan Hannahoe, Montana Learning Center, Executive Director

Chris Gillette, Montana Learning Center, Instructor

*This program is designed to teach Scouts about how an airplane works, the forces of flight and explore careers available in the aviation field. Today's class will deliver all prescribed ground training leaving only a Young Eagles flight or a tour of an FAA facility left to complete the Aviation Merit Badge. **This class is open to those in 8th-12th grade, you do not need to be a member of the Scouts to participate.** Seating is limited and the class is available on a first come, first served basis. After the session ends, students will need their own transportation to Holman Aviation at the Great Falls International Airport to learn how to do a preflight inspection and take a tour of the aircraft on display.*

9:00 a.m. – 2:30 p.m.

Exhibit Area Open

Exhibit Area

Refreshments served at 9:30 a.m. and 3:30 p.m.

10:00 a.m. – 11:00 a.m.

Point of No Return:

Canadian Room

A Backcountry Pilot's Accident Experience and Lessons Learned

Todd Simmons, Recreational Aviation Foundation, Director



In June 2018, Todd was involved in a serious accident while flying in the Idaho backcountry in his Super Cub. In this presentation - through words, videos and photos - Todd will share the details of the experience and more importantly, the lessons and learnings that every pilot can benefit from.

Montana Seaplanes Association (MTSPA) Business Meeting

Room 201 (Upstairs)

*The MTSPA provides social activities, advises and assists the National Seaplane Association, and educates membership on seaplane safety, aquatic invasive species and noise abatement to create a positive public perception of seaplanes. **Open to current and prospective members.***

The Montana State College Air Force 1945-1965

Missouri Room (Upstairs)

Ted Mathis

The story of the P-51 & B-17 that were once displayed at MSU Bozeman and what became of them.

11:30 a.m. – 1:30 p.m.

Conference Area

Luncheon Menu – Boxed Luncheon - Choice of Italian Cold Cut Sandwich, Oven Roasted Turkey Sandwich or Grilled Chicken Salad Wrap. Each comes with an assortment of potato chips, fresh fruit, dessert and a drink.

Door prizes will be given away during lunch!

12:00 p.m. - 1:00 p.m.

**Aircraft Mechanics Refresher Seminar and IA Renewal:
FAA AMT Training Video**

Britain/American Rooms

1:45 p.m. – 2:45 p.m.

Aeronautical Engineering for Pilots:

Canadian Room

Aerodynamics with Wind Tunnel Demonstration

Terry Spath, Spath Engineering, President

Pete Smith

For millennia humans have envied the ability of the birds to soar in the atmosphere. Some of the greatest minds attempted to make the dream a reality and it was finally accomplished by two brilliant self-educated American bicycle mechanics. The physics of flight is underpinned by Newton's theories which we'll apply and then analyze the 172. We'll also conduct an airfoil demonstration in a small wind tunnel.

Digital Aviation Services and the IAWWS Workshop 2020

Lewis/Clark Rooms (Upstairs)

Jane Fogleman, National Weather Service, Meteorologist

The National Weather Service is moving toward digitally produced terminal aerodrome forecasts. The goal of this presentation will be to share information about this new process and to provide information on this year's NWS Intermountain West Aviation Weather Safety (IAWWS) Workshop which will be held in Reno, NV this spring.

Aviation Organizations of Montana (AOM) Business Meeting

Room 200 (Upstairs)

*The AOM is organized in the state of Montana to promote all facets of aviation in the state, as well as act as the steering committee for the annual Montana Aviation Conference. **The meeting is open to the public.***

PAA Africa (1941-1942)

Missouri Room (Upstairs)

Tom Culbert, LT COL USAF (Retired)

Author of the book titled "PAN AFRICA - Across the Sahara in 1941 with PAN AM" traces the story of how American aviation specialists, pilots, mechanics, engineers, weathermen, etc., provided direct support to the Royal Air Force's war effort in North Africa prior to the US entry into WWII.

2:00 p.m. – 6:15 p.m.

Britain/American Rooms

Aircraft Mechanics Refresher Seminar and IA Renewal

2:00 p.m. - 3:00 p.m. - **Workplace Human Factors and Distractions**

Tim Gauntt, Hartzell Engine Technologies, Director of Product Support
A presentation based on the FAA "Dirty Dozen" from a manufacturing perspective. Heavy emphasis on the use of cell phones in the workplace, the ramifications of their use along with what the future may hold. Although based on a manufacturing environment, the information provided is easily adaptable to any repair or manufacturing facility.

3:00 p.m. - 4:00 p.m. - **FAA Logbook Entries and Importance of ICA's**

Bryan Hanson, Federal Aviation Administration, Principal Maintenance Inspector
We will discuss the required items to be in both maintenance and inspection entries per the applicable Federal Aviation Regulations as well as the importance of instructions for continued airworthiness.

4:00 p.m. - 4:15 p.m. - BREAK

4:15 p.m. - 5:15 p.m. - **Fundamental Electrical Systems**

Tim Gauntt, Hartzell Engine Technologies, Director of Product Support
A comprehensive look at the alternator and starter systems used on today's GA fleet. Historical and modern, lightweight versus heavyweight and the good and the bad are all discussed. Troubleshooting, maintenance and installation tips to help secure a long, serviceable life for your electrical system components.

5:15 p.m. - 6:15 p.m. - **Piston Engine Oils**

Greg Cross, Cross Petroleum Service

3:00 p.m. – 4:00 p.m.

Aeronautical Engineering for Pilots:

Canadian Room

Flight Vehicle Structures with Static Test of a Small Wing Section to Ultimate Load

Terry Spath, Spath Engineering, President
Pete Smith

Flight vehicles and bicycles require minimum weight structure for a successful design. Thus, it's probably not coincidental that bicycle mechanics and self-educated aeronautical engineers, the Wrights, were the first to achieve powered flight. We will analyze and test a small wing structure to destruction to demonstrate minimum weight design.

ADS-B

Montana/Alberta Rooms

Tammy Kantorowicz, Federal Aviation Administration, GTF Air Traffic Control Tower



What if I need to fly in controlled airspace to equip? What if I am flying in a formation flight? What does ATC see? These and other questions answered.

**Dardis and Tanberg Family History at Gorefield (GTF)
(1942 to Present)**

Lewis/Clark Rooms (Upstairs)

Barry Dardis, Dardis.com, Owner

Early flight history of Dardis and Tanberg families. A recollection of notable pilots and events while flying at GTF and early MANG history.

3:30 p.m. – 4:00 p.m.

Montana Antique Aircraft Association (MAAA) Board Meeting

Room 201 (Upstairs)

This is the MAAA's Board Meeting which is closed to the public. The public is invited to attend the 4:00 p.m. Business Meeting.

4:00 p.m. – 5:00 p.m.

Montana Antique Aircraft Association (MAAA) Business Meeting

Room 201 (Upstairs)

The MAAA's goal is to "Keep the Antiques Flying" The meeting is open to the public.

4:15 p.m. – 5:15 p.m.

EAA Open Forum

Lewis/Clark Rooms (Upstairs)

Willie Hurd

Avoiding the pitfalls of homebuilts.

5:30 p.m. – 6:30 p.m.

Convention Area

No Host Hospitality Hour

6:30 p.m. – 10:00 p.m.

Convention Area

Closing Banquet

Master of Ceremonies – Mike Vivion, Aviation Organizations of Montana (AOM) Chairperson

Color Guard - Civil Air Patrol Malmstrom Composite Squadron

Speaker – Richard McSpadden, Executive Director of the AOPA Air Safety Institute, *"Why do Good Pilots Make Bad Decisions?"*

Menu – **Angus New York Steak** - 10 oz. Angus beef steak with twice baked potato and seasonal vegetables, tossed salad, dinner rolls, coffee, tea and caramel crunch cake dessert.

	7:00 AM	8:00 AM	9:00 AM	10:00 AM	11:00 AM	12:00 PM
Convention Area	Conference Registration (<i>begins at 6:00</i>)					
Exhibit Area	Exhibit Area Open					
Canadian Room		MPA Annual General Membership Meeting	Point of No Return: A Backcountry Pilot's Accident Experience and Lessons Learned - Todd Simmons 			
Britain Room	Aircraft Mechanics Refresher Seminar & IA Renewal					
American Room	FAA - Jeff Vercoe	Aircraft Avionics: Radios, Transponders & GPS's - Steve Vold	Overhaul Field Maintenance; AD Notes - Richard Jacob	FAA IA Listening Session - Johnny Portillo		IA Training Video
Montana Room	Scout Aviation Merit Badge Workshop - Matt Lindberg, Ryan Hannahoe, & Chris Gillette					
Alberta Room						
Lewis Room - Upstairs						
Clark Room - Upstairs						
Room 200 - Upstairs			Montana 99's Business Meeting			
Room 201 - Upstairs				MTSPA Business Meeting		
Missouri Room - Upstairs				The Montana State College Air Force (1945-1965) - Ted Mathis		

 Indicates the session qualifies for FAA WINGS credits

	1:00 PM	2:00 PM	3:00 PM	4:00 PM	5:00 PM	6:00 PM	7:00 PM
Saturday, 2/29/20							
Convention Area	Lunch					No Host Hospitality Hour	Closing Banquet - Richard McSpadden (ends at 9:30)
Exhibit Area	Exhibit Area Open						
Canadian Room		Aeronautical Engineering for Pilots: Aerodynamics - Terry Spath & Pete Smith	Aeronautical Engineering for Pilots: Flight Vehicle Structures - Terry Spath & Pete Smith				
Britain Room		Workplace Human Factors and Distractions - Tim Gauntt	Aircraft Mechanics Refresher Seminar & IA Renewal				
American Room			FAA Log Book Entry's & ICAs - Bryan Hanson	Fundamental Electrical Systems - Tim Gauntt		Piston Engine Oils - Greg Cross	
Montana Room			ADS-B - Tammy Kantorowicz 				
Alberta Room							
Lewis Room - Upstairs		Digital Aviation Services - Jane Fogleman	Dardis and Tanberg Family History at Gorefield (GTF) - Barry Dardis	EAA Open Forum - Willie Hurd			
Clark Room - Upstairs							
Room 200 - Upstairs		AOM Business Meeting					
Room 201 - Upstairs			MAAA Board Meeting	MAAA Business Meeting			
Missouri Room - Upstairs		PAA Africa (1941-1942) - Tom Culbert					

 Indicates the session qualifies for FAA WINGS credits

Wade Cebulski - Wade has worked for MDT Aeronautics for nine years and is currently the Airport Airways Bureau Chief. Wade is a private, commercial, instrument, single engine land and sea pilot. Wade's primary duties include oversight of public use non-commercial airport inspections, FAA 5010 Airport Master Records data entry, the Loan and Grant program, Capitol Improvement Planning in cooperation with the FAA Helena ADO Project Managers and Planner. Other duties include managing the Montana Airport Directory, Montana Aeronautical Chart, and various publications. Wade currently manages airport leases, 16 state owned airports including 2 federally funded airports with one providing commercial service (WYS). Manages state owned airport maintenance, resale requests, public requests, office needs, aircraft and vehicles owned by the division and assigned flying duties. Wade is married to Geanette, and they have a daughter and two grandsons. Wade and Geanette's primary residence is in Seeley Lake and they live in a hanger home next to the airport. They own a Beech Bonanza S35 and have traveled to the Arctic Ocean (Beaufort Sea), most of the U.S., Canada, Mexico, the Bahama's, and other destinations on long cross-country vacations.

Tim Conway - Tim is the Administrator of the Aeronautics Division for the Montana Department of Transportation (MDT). He moved to Montana at the age of 17 and after gaining state residency, attended Montana State University where he earned a B.S. in civil engineering. Tim always had an eye to the sky and before graduating college, he earned his private pilot certificate and later, his instrument rating. Tim found employment with MDT immediately after graduating college and worked as a licensed professional engineer in various disciplines and capacities before transferring to the Aeronautics Division in December 2012. As the Division Administrator, Tim provides executive planning, program development, and budget oversight.

Robert Craymer - Robert has been with Covington Aircraft for more than 20 years and has worked with the PT6A engine for the past three decades. He has held every job in the overhaul shop, as well as being a mechanic on a flight line for an airline. He is a licensed A&P mechanic and has also held a propeller repairman's certificate. Robert has been certified for various inspection functions including MPI, FPI and Eddy Current. He is also an instructor of PT6A maintenance and familiarization courses and has taught both mechanics and pilots all over the world.

David Crisp - David has been flying for over 48 years, getting his start in Gliders. Rated in Gliders, Airplanes and Helicopters, he has accumulated more than 28,000 hours flying all over the world. His career has been vast in that he would transition from one form of flying to another just for the fun of it. His favorite being seaplanes. David started with Bridger Aerospace back in 2015 from its start and has held many different positions with the company as an Aerial Firefighting Conglomerate. 2020 will be the 5th year of flying fires and second year flying Air Tankers.

Greg Cross – Greg has been in the lubrication industry since 1978. He has been privileged to be a presenter at various industry schools which include the state of Montana Aeronautics Division, the AMAA Convention, Montana Motor Carriers, Montana Petroleum Marketers, and the Montana Petro Board.

Tom Culbert - Tom Culbert was born and raised in Eau Claire, Wisconsin. Tom entered the United States Air Force in 1970 upon graduation from University of Wisconsin-Superior. After serving for several years as an instructor pilot in the B-52G aircraft, Tom was selected to be one of a small group of USAF Officers trained as "Africanists". During his 21 years of military service, Tom spent more than five years as a diplomat-pilot working and living in Africa. During this period, he was diplomatically accredited to Egypt, Cote d'Ivoire, Niger, Ghana, Benin, Togo, and Burkina Faso. Additionally, he traveled extensively in the Middle East and Africa while providing C-12 aircraft flight support to the U.S. Embassies in Israel, Jordan, Syria, Saudi Arabia, Bahrain, Sudan, Zaire, Chad, and Nigeria. Tom also served in the Pentagon in Washington, D.C. for more than six years, working on Africa policy and planning issues on the Headquarters, U.S. Air Force Staff, the Joint Staff, and in the Office of the Secretary of Defense - International Security Affairs - Africa. During this period, he served as an official U.S. Government representative dealing with international military and civilian officials working on a wide variety of policy, budget, basing, logistics, intelligence, and procurement related matters. After leaving the Air Force in 1991, Tom founded Aviation Information Research Corporation (AIRC), which provided consulting services for contemporary and historical issues to leading firms and individuals involved in all sectors of the aviation industry. He is active in several aviation-related associations and organizations. Tom has focused his efforts on African aviation issues. Tom has authored the book, "PAN AFRICA - Across the Sahara in 1941 with PAN AM". Tom's education includes a Bachelor of Science in History and Political Science from the University of Wisconsin-Superior 1970 and a Master's Degree from the Naval Postgraduate School, National Security Affairs - Africa, 1979.

Barry Dardis - Barry had his first flight lesson in May of 1955 and received his private pilot rating in August of 1974 and his commercial pilot rating a year later in August of 1975. Barry has flown Cessna's 140, 150, 172, and 182 along with Piper Warrior, Piper Arrow, L-19 Birddog, AT-6 Texan, TF51 Mustang and has a total of 1,568 flight hours.

Bryan Douglass - Bryan Douglass is an engineer and General Aviation pilot in Missoula. He got the flying bug later in life at 48 but got it bad. After earning a private certificate, he built an RV-10 and has flown it all over the country ever since. In 2018, he and Eric Komberec started the project to restore an historic Montana DC-3 and fly it to Europe as part of the DDay Squadron.

Kristi Dunks - Kristi is a transportation safety analyst with the NTSB's Office of Aviation Safety. In her work as an analyst, she manages the aviation safety improvements program, conducts research, does investigations, and works as an advocate for the identification and resolution of safety issues identified during investigations. Prior to becoming an analyst, she worked as a senior air safety investigator and served as the investigator-in-charge as well as the airworthiness group chairman of numerous aircraft accidents for over ten years. She is a commercial pilot for helicopters and airplanes, a flight instructor, and an A&P. She also holds a remote pilot certificate and operates a DJI Phantom. Kristi flies a 1955 Super Cub and is based in Bozeman.

Jessie Ellis – Jessie holds a B.S. in Geology with a focus on Mathematics and is a founder and President of PinnaCal, LLC. She has worked in construction materials testing, construction, environmental remediation, and other industries. Jessie has been an ASQ Certified Calibration Technician for the past six years and has completed specialized training from industry leaders including Snap-On, Fluke, and Mitutoyo. She has a strong understanding of the importance of calibration to the aviation industry and works primarily with aviation clients.

Mike Ellis – Mike is a certified A&P Mechanic and has over 10 years of experience in the aviation mechanic industry. He started his aviation career as a road mechanic with Neptune Aviation and went on to work in general aviation. Mike is also a founder and Vice President of PinnaCal, LLC. Mike recently decided to leave full-time aviation maintenance to continue his calibration work at PinnaCal and to train in process calibration at GlaxoSmithKline. His knowledge as an aircraft mechanic allows him to bring a unique view to the calibration world and gives him a strong ability to serve our aviation clients in a way most calibration labs cannot. He has completed specialized industry training including Fluke's Precision Pressure Calibration training.

Mike Flaherty - Mike is a third generation Montana business owner of Great Falls Paper & Supply Company. He currently serves as Public Relations and Training Director for Montana ESGR with 13 plus years of service for the Department of Defense organization. He is an active volunteer in the Great Falls community.

Jane Fogleman - An aviation weather forecaster for more than 20 years, Jane has a wide breadth of experience supporting aviation missions. She has served in the United States Air Force in the weather career field for over two decades, both on active duty and as a reservist. Additionally, Jane works as a meteorologist for The National Weather Service. She is the weather forecast office aviation program manager. Jane earned her Bachelor of Science degree in Operational Meteorology and her Master of Science Degree in Applied Meteorology from Mississippi State University.

Timothy Gauntt – Timothy is Director of Product Support for Hartzell Engine Technologies LLC. He has been active in the aviation industry for over 30 years as a general aviation mechanic, IA, AMT Part 147 instructor and various technical support related positions.

Chris Gillette - Chris is a retired airline pilot. His career at the airlines involved overseeing 140 pilots for the east coast region, ground school instruction, flight simulator instruction, flight simulator check rides, line checks, overseas flights instruction and heavy maintenance aircraft test flights. Over the years he had a wide range of titles including Captain, Chief Pilot, Check Airman, Test Pilot, Flight Instructor and Ground School Instructor. Now he is part of the instructional team at Montana Learning Center and a part time pilot for the State of Montana.

Ryan Hannahoe - Ryan is the executive director of the Montana Learning Center at Canyon Ferry Lake, a STEM-education facility that provides learning opportunities for students, teachers and the community. Ryan oversees the Western Aerospace Scholars program for Montana with the Museum of Flight. He also runs aeronautics and robotics challenges for NASA for Montana's middle school and high school students. Ryan's passion is to share science with others. He not only finds himself working with students but also teachers. Ryan works closely with the Montana Department of Transportation - Aeronautics Division to offer teacher training on flight and how to integrate it into the classroom. He strongly believes in preparing tomorrow's workforce in Montana and that all starts with programs to inspire and equip educators to teach flight related concepts.

Gerald Hansen – Gerald "JR" is a native of Butte and started his aviation career with a flight training scholarship from MT Aeronautics earning his private pilot license during his senior year of high school. JR attended the University of Washington on a Naval ROTC scholarship. He graduated in 1993 with a Bachelor of Science degree in Atmospheric Sciences and a commission in the U.S. Navy. He earned his Wings of Gold and was designated a Naval Aviator in 1996. He served twenty years on active duty flying F/A-18 Hornets and Super Hornets. During his naval career, JR graduated from the U. S. Naval Test Pilot School, served as a Test Pilot in the Carrier Suitability division, served as an Instructor at the Naval Strike and Air Warfare Center in Fallon, NV, and served as the Commanding Officer of the Dambusters of Strike Fighter Squadron 195, based in Atsugi, Japan. JR was named the U. S. Pacific Fleet Attack Aviator of the Year for 2004. He earned a Master of Science degree in Systems Engineering from Johns Hopkins University. His final military assignment was as a Team Leader and Systems Engineer in the F/A-18 Program Office, Naval Air Systems Command in Patuxent River, MD. JR retired in October 2013 and is currently a Boeing 737 pilot with Southwest Airlines, based in Denver, CO. He lives in Butte, MT with his wife Danae and their two children, Christian and MacKenzie. JR has logged over 8,100 flight hours and 870 carrier arrested landings. He is also a CFI and owns and operates High Alpha Aviation, LLC and owns a Beechcraft E33C Aerobatic Bonanza. He specializes in offering advanced flight training and upset prevention and recovery training. He is also a member of the Bert Mooney Airport Authority Board.

Bryan Hanson – Brian received his Airframe & Powerplant certificate in 1987. He added his Inspection Authorization in 1992. Mr. Hanson's work experience is mostly small GA (Cessna, Piper, Beech, Mooney) with some helicopter and corporate jet experience. He has been with the FAA since 2001.

Mark Hanson – Mark entered on duty as a Supervisory Customs & Border Protection Officer (SCBPO) at the Great Falls, MT International Airport on January 24, 2016. Supervisor Hanson is currently responsible for overseeing CBP operations at five General Aviation airports in Montana, including Great Falls, Helena, Bozeman, Butte and Kalispell. SCBPO Hanson began his career with U.S. Customs & Border Protection as a Customs & Border Protection Officer (CBPO) in March 2007 at the Great Falls, MT International Airport. In 2011, Hanson transferred to Winnipeg, MB Preclearance where he worked as a CBPO until his promotion to supervisor in 2015. As a supervisor in Winnipeg, Hanson was responsible for supervising 12 officers while overseeing daily passenger processing operations. His duties also included managing the Winnipeg NEXUS/Global Entry Enrollment Center and the local Admissibility Advisory Network (AAN). Prior to his employment with U.S. Customs & Border Protection, Hanson attended the University of North Dakota in Grand Forks. Hanson graduated Cum Laude in May 2006 with a B.S. in Criminal Justice Studies and a minor in Political Science. Hanson grew up working on his family's farm while attending high school in Westhope, ND.

Russ Hartzell - Russ is a Montana native, born and raised in Billings before moving west to Missoula to attend the University of Montana. At UM, Russ received his bachelor's degree in Sociology with an emphasis in Criminology, a minor in Wildlife Biology and a certificate in Forensic Studies. Russ has covered the gamut in his work experience, ranging from case management with felony inmates to environmental monitoring at an oil refinery. Most of Russ' work experience has been in the public service sector and he has three years' experience working with Montana Fish Wildlife and Parks on Aquatic Invasive Species, the last two years supervising watercraft inspection stations across northwest Montana. Some of Russ' favorite recreational activities include rafting, fishing, and various sports. Russ now lives in Missoula with his wife of five years, Jayme, and his bird dog, Rio.

Amy Hoover - Amy has been flying commercially and teaching backcountry flying for more than 25 years. She has 7,000 hours of flight time, more than 2/3 of it in the Idaho backcountry, and is the primary author of the new book *Mountain, Canyon, and Backcountry Flying*. Hoover has published more than 30 professional articles and manuals on aviation human factors, mountain/canyon weather, and backcountry flying tips. She has given more than 150 presentations in various forums throughout the U.S. Hoover holds a Ph.D. in Education and is a Professor of Aviation at Central Washington University.

Willie Hurd - Willie's aviation career began by running down his grandmother's hallway and jumping into the air. Sustained flight was not achieved, rug burns were achieved. Next was leaping off the edge of a farm truck with a tractor umbrella. Sustained flight not achieved; bruises were achieved. Next was a grade school field trip to an airport for a plane ride. Sustained flight WAS achieved, and Willie was hooked. Fast forward 30 plus years to private pilot training, certificate, and straight to experimental aircraft building with the guidance of a one-armed Varieze builder and pilot and now flying a Van's RV9A, a Quad City Challenger, and a Cessna 172. Also, in the hangar are a Hoovey Delta Hawk, and a pile of Cessna Sky Hawk parts. Will is President of the Montana Pilot's Association's North Central Hangar and President of the Havre Flying Club.

Kristi Ivey – Kristi joined the National Business Aviation Association (NBAA) in 2007 and serves as the NBAA Northern Mountain Region covering CO, ID, MN, MT, ND, SD, UT, WI, & WY. She has served on several aviation boards and committees including the Pacific Northwest Business Aviation Association (PNBAA), the Utah Business Aviation Association (UBAA), various airport master plan and state aviation advisory committees, and the Rocky Mountain College Aviation Industry Advisory Board. Prior to joining NBAA, Kristi was the Flight Operations Supervisor for The Home Depot Aviation Department in Atlanta, Georgia. She is an instrument-rated private pilot, with an aircraft dispatcher's license, and a Bachelor of Science in Aviation Management from Auburn University. Kristi's home base is Livingston, Montana. Founded in 1947 and based in Washington, DC, the National Business Aviation Association (NBAA) is the leading organization for companies that rely on general aviation aircraft to help make their businesses more efficient, productive and successful. The association represents more than 11,000 companies and professionals and provides more than 100 products and services to the business aviation community, including the NBAA Business Aviation Convention & Exhibition (NBAA-BACE), the world's largest civil aviation trade show. For more information, please visit www.nbaa.org.

Richard Jacob - Richard is the owner of Northwest Propeller Service, Inc. and has 45 years of service in the aircraft industry.

Alan Jesmer - Alan has been with Precision Airmotive for 25 years and is the Sales/Marketing Manager for Precision Airmotive and Marvel Schebler Aircraft Carburetors.

Tammy Kantorowicz – Tammy has been an air traffic controller for 29 years. She began her career in the U.S. Navy, stationed at NAS South Weymouth, MA and NAS JRB New Orleans, LA. Her first FAA facility was Cape Cod TRACON. During her time at Cape Cod, she received a Chairman's Citation award from Air Traffic Controllers Association for her efforts assisting an emergency aircraft. After Cape Cod, she transferred to Salt Lake TRACON, UT and then Billings ATCT, MT. Tammy worked at Rocky Mountain College as an adjunct professor teaching the Fundamentals of Air Traffic Control. She is currently an Operations Supervisor at Great Falls Air Traffic Control Tower. Tammy holds a Private Pilot Certificate and flies a Cessna Skylane.

Kurt Kleiner - Kurt lives in the Bitterroot Valley and has been a pilot since 1988. He has been a CFI/CFII since 2005 and has given over 3,500 hours of dual instruction primarily in Wyoming, Oregon, and Montana. He recently retired from a 30-year career as an Aviation Manager with the BLM in the PNW and served as the National Airspace Program Manager for USFS and BLM for his last two years. In addition to instructing, he has a long history of skydiving, paragliding, and flying sailplanes and seaplanes.

Matt Lindberg – Matt is the MDT Aeronautics Division's Safety and Education Bureau Chief. He oversees the aircraft and pilot registration programs, manages the state's aviation search and rescue network and designs and delivers clinics and trainings for Montana pilots and aircraft mechanics. Some of these clinics are the Winter Survival Course, flight instructor refresher clinic, aviation art contest, aviation career exploration academy, mountain search pilot clinic, teacher workshop and other youth aviation education outreach programs. One of his main focuses and passion is you aviation education, he enjoys giving first flights and getting kids excited and involved with airplanes. Matt is a Montana native and has been working at the world's largest Asia-Pacific flight academy as the Director of Flight Safety in Arizona based at the busiest general aviation airport in the country. Before that, he worked at fixed based operators in Montana and has been flying for 17 years. During his time at various FBOs and repair stations, he conducted full restorations of various aircraft, performed general maintenance and avionics upgrades and managed and controlled maintenance workflows for large fleets. At the academy, more than 6,000 national and international flight students and 3,000 flight instructors came through his doors. He also maintained safety for the academy's maintenance repair station, the company's four campuses across two states, a DOT bus service, OSHA compliance, and worked in crew scheduling, parts supply, flight dispatch, flight following and maintenance control. He is a member of the International Society of Air Safety Investigators and a board member of the Arizona Flight Training Workgroup, Aviation Safety Advisory Group, and Phoenix Airspace Users Workgroup and FAA Safety Team Representative.

Brad Livingston - Brad is Montana proud with strong family roots in Montana. His 40 plus years of demonstrated leadership in both the military and the community of Great Falls making him an ideal leader as the state chair of Montana Employer Support of the Guard and Reserve.

Colonel (Retired) Stephen 'Lux' Luxion - Colonel (Retired) Stephen P. Luxion is the Executive Director of ASSURE (Alliance for System Safety of UAS through Research Excellence) and Principal for Assure Research & Development Corporation (ARDC), working from Mississippi State University. Steve is responsible for leading the alliance of 23 of the world's leading research universities and its industry partners. ASSURE is the Federal Aviation Administration's (FAA) Center of Excellence for Unmanned Aircraft Systems (UAS). ASSURE provides the FAA a wide-ranging UAS research portfolio and conducts specific research funded by the FAA to help inform and address the key challenges to safely and efficiently integrating UAS into the National Airspace System. ARDC serves as the non-profit arm of the Alliance that leverages the ASSURE team, its expertise, experience, and knowledge to serve others outside the FAA. Lux is a 34 year US Air Force veteran with over 2,500 hours flying time in the F-111 Aardvark, MQ-1B Predator UAV; and the F-14A Tomcat and EA-6B Prowler while on exchange with the US Navy; including 700 hours combat time in operations over Iraq, Bosnia, and Afghanistan. For his combat efforts, Colonel Luxion was awarded the Distinguished Flying Cross for Valor, 4 Air Metals, and 7 Aerial Achievement Medals. Steve received his Bachelor of Science degree in Computer Science and commission from the U.S. Air Force Academy in 1984. Colonel Luxion has commanded at the squadron, group and center levels and helped lead the establishment of NATO's first Aerospace Center of Excellence. Steve retired from the US Air Force in 2014 from his last assignment at Embry-Riddle Aeronautical University-Daytona Beach where he commanded the Reserve Officers Training Program. Colonel Luxion is a distinguished graduate of both the USAF Fighter Weapons School and Air Command and Staff College. He is also a graduate of four Master Degree programs from Embry-Riddle, the School of Advanced Airpower Studies, and the National War College.

Ted Mathis - Ted was born and raised in White Sulphur Springs, Montana. He learned to fly off the old dirt strip there and soloed at the age of 16. Ted has worked in several facets of aviation in Montana for the past 53 years. He co-founded the Montana Aviation Conference and served as its first chairman. Ted and his wife, Connie, live north of Belgrade.

Wayne McGhee - Wayne is Garmin's NW Regional Sales Manager and has been with the company for 17 years. Before that he was with UPS Aviation technologies, and IIMorrow Inc (Apollo) for another 15 years. Wayne is an instrument rated private pilot with 32 years' experience in the Avionic Industry and is the main interface between the factory and avionics shops. He has presented numerous seminars on various avionics/aviation related subjects and spends most of his time educating avionics shops on the technologies Garmin has created.

Richard McSpadden - Richard is a commercial pilot, CFII, MEI with an SES rating and a 525S (Citation Jet Single Pilot) type rating. He's logged over 5,000 hours in 30 years of flying a variety of civilian and military aircraft. Richard closed his 20-year Air Force career as the Commander and Flight Leader of the U.S. Air Force Thunderbirds flight demonstration team where he headed the U.S. Air Force's flagship organization and led over 100 flight demonstrations in the #1 aircraft. Richard has extensive experience in aviation safety including ground, flight, and special event operations. Richard currently owns a 1950 Navion that has been in his family for almost 40 years. He previously owned a 1955 Piper Super Cub which he used to instruct his daughter to her initial solo. Prior to the Super Cub, Richard owned a 1965 Piper Cherokee 140 aircraft that he used to instruct his son to successful completion of his private pilot certificate. As Executive Director of the AOPA Air Safety Institute, Richard leads a team of CFIs and content creators to develop and distribute free aviation safety material to advance General Aviation Safety. ASI distributes material through a dedicated YouTube channel, iTunes podcasts, Facebook, and a dynamic website. ASI material will be accessed over 6 million times this year. Prior to joining the Air Safety Institute, Richard had a successful career in the Information Technology industry leading large, geographically dispersed operations providing business-critical information technology services.

Troy Meskimen – Troy was hired with the FAA in 2007 after working in the aviation maintenance field for roughly 26 years. In 2012, Troy assisted in the first Experimental Airworthiness Certification of an Unmanned Aircraft in the state of Montana. In June 2017 Troy was assigned to the Part 107 Operational Waiver team before returning to the Helena FSDO in June of 2019.

Josh Pruzek - Josh Pruzek joined AOPA's staff as the Northwest Mountain Regional Manager in 2019. He provides advocacy and legislative strategy development at the regional, state and local levels for the organization. Josh is a CFII and MEI, a seaplane and aerobatic pilot, a homebuilder and an aircraft owner. Prior to joining AOPA, he worked as a Government and Defense Contractor for nearly 20 years in Portland, OR.

Todd Simmons - Todd Simmons is President of Customer Experience at Cirrus Aircraft. He is responsible for leading all Customer Experience activities at Cirrus Aircraft including sales, marketing, personalization, delivery, service and support, flight training, flight operations and the opening of the Vision Center in Knoxville, Tennessee. With more than 20 years of experience in sales, marketing and business leadership, Todd has held positions in marketing development, international marketing communications, revenue management and sales team leadership at a range of companies from boutique businesses to Fortune 500 firms. His recent aviation experience includes work at Delta Air Lines and at CubCrafters where he led sales and marketing efforts and later presided over the company. An active instrument-rated commercial pilot, with a strong passion for tailwheel and backcountry flying in his Super Cub, Todd holds a Bachelor of Industrial and Systems Engineering from the Georgia Institute of Technology (Georgia Tech) and a Master of Business Administration from the University of Chicago Booth School of Business.

Pete Smith - In 1975 Pete attended Frederick Community College where he received an AA Degree in Aviation Maintenance Technology and his A&P rating. He then worked in General Aviation for the next 3 years and received his Inspection Authorization. In 1980 he enrolled in the University of Maryland and earned a BS Degree in Aerospace Engineering. With a fresh BS Degree and a background in GA he was hired as a flight test engineer in the Rotary Wing department at the NATC PAX River where he was involved with testing of Marine helicopters such as the Bell H1 series, Boeing Vertol CH46 and Sikorsky CH53 aircraft. He is currently employed as president of HCR Inc, a Conditioned Air Curtain manufacture in Lewistown, MT. Pete stays involved in GA by flying his Aeronca 7AC he rebuilt while in A&P school and is the immediate past president of the Montana Pilots Association.

Scott "Stump" Smith - Scott "Stump" Smith was born in Kansas City, MO in 1971. Scott's father was a Special Investigator for the United States Customs Service and was re-assigned to Great Falls shortly after Scott was born. Scott's father was transferred several more times, ultimately moving back to Montana for good and settling in Cascade when Scott was in 6th grade. While a senior in Cascade High, Scott enlisted in the Montana Air National Guard (MANG) and attended Basic Military Training shortly after graduating high school in 1990. Scott served as a crew chief on F-16A's and enrolled in the Sociology program at MSU. Throughout this time, Scott had been flying in the J3 Cub his father has owned since the early 1960's, and he earned his private pilot's license in the 1990's. Following college graduation, Scott made the big move to Central Florida where he attended Comair Aviation Academy and earned his Instrument, Commercial, Multi-Engine, CFI, CFII, and MEI ratings. After graduating Comair, Scott moved back to Montana and was selected to attend Undergraduate Pilot Training (UPT) for the MANG to learn and fly the F-16A. Scott attended UPT at the prestigious Euro NATO Joint Jet Pilot Training located in Wichita Falls, TX. After graduating from UPT and checking out in the F-16A, Stump was hired to a full-time position in the MANG. Over his career, Stump has served as the Chief of Scheduling, Chief of Weapon and Tactics, Chief of Safety, Operations Group Director of Operations, Air Expeditionary Squadron Commander, and is currently the State A-3 (State Director of Operations). Stump has flown the T-37, T-38, F-16A/B/C/D, F-15C/D, and the C-130H1/2/3. His major deployments include Operation Southern Watch and multiple deployments to Iraq and Syria with Operation Enduring Freedom and Operation Inherent Resolve. In 2016 Stump switched directions, retaining a part-time position in the MANG and accepting a position as a First Officer with United Airlines, flying the Boeing 757 and 767 based out of Denver, CO. Stump has continued his love of aviation purchasing a 2000 A1-B Husky with his girlfriend Missy, also a C-130 pilot with the MANG and Butte native. They enjoy backcountry flying with their 31's, exploring all the incredible remote airports that MT and ID have to offer. Stump has maintained his CFI ratings for over 22 years and loves to live the aviation life. With deep roots in Part 91, Part 121, and military flying there are not many days that he doesn't find himself in the air in one capacity or another.

Terry Spath - Terry graduated with a BS in Aeronautics and Astronautics from the University of Washington. He was contracted by the Defense Advanced Research Projects Agency (DARPA) for development and testing of propulsion for trans-atmospheric supersonic vehicles that will serve as the first stage for space launch systems. Terry has also worked as a flight test engineer, line pilot, air safety investigator, and rocket test engineer. Terry holds an ATP with LR-JET and DA-10 type ratings. He is an A&P with Inspection Authorization, owns a BE55, and flies a corporate King Air B200.

David Suomi – David is currently the Regional Administrator of the Federal Aviation Administration's (FAA) Northwest Mountain Region. In this capacity, he serves as the principal representative of the FAA Administrator and the senior FAA officials in the region. He provides corporate leadership in cross-organizational matters and represents the FAA before industry, the public and governmental organizations. David also serves as the US Department of Transportation (DOT) Regional Transportation Coordinator (RETCO) designated to carry out critical functions for DOT in response to disasters as documented in the National Response Framework. Immediately prior to his current role, Mr. Suomi served as the national Manager of the FAA's Airport Improvement Program, a \$3.5 billion annual infrastructure grant program that aids airport owners in financing critical aviation infrastructure. Prior to his FAA roles, Mr. Suomi served in a variety of senior executive roles associated with private and public-sector aviation management positions, and has represented interests before federal, state, and local governments. He was vice president of BAA USA, Inc., the US subsidiary of BAA PLC, the United Kingdom private sector airport company that owned and operated London Heathrow, as well as other major aviation facilities around the world. Mr. Suomi is an accredited aviation professional with a record of accomplishment of increasingly responsible experience in chief executive officer and chief operating officer roles at U.S. airports, ranging from small reliever fields to large hubs, including Chicago's O'Hare and Midway Airports. Mr. Suomi received a Bachelor's Degree in Aviation Management from Embry-Riddle Aeronautical University and has completed graduate work at the University of Central Florida, State University of New York, University of Pennsylvania, and George Mason University. He and his wife, Carol, have four children, and they live in Normandy Park, Washington.

Jeff Vercoe – Jeff has an A&P certificate, IA authorization, Senior Parachute riggers certificates, and is also a Certificated Pilot with an instrument rating. His career in aviation maintenance was "GA" only. Jeff started with the FAA in 2002 and spent the first seven and a half years in Cleveland, OH at the FSDO as a Maintenance Inspector. Four years ago, he was selected for the FAASTeam Program Manager and at that time moved to Montana.

Michael Vivion – Mike earned his Private Pilot Certificate in February of 1970, and currently holds Commercial, Single and Multi-Engine Land, Single Engine Sea, and CFII/MEI Certificates. In 1974, he went to work full time for the US Fish & Wildlife Service, National Wildlife Refuges Division. In 1976, he transferred to the Izembek National Wildlife Refuge, based in Cold Bay, Alaska. For the next 29 years, he served FWS in Alaska, stationed in Kodiak for eight years, and 19 years based in Fairbanks, Alaska. His primary duties during this period included serving as a dual function pilot, operating aircraft on wheels, skis and floats. His flying duties involved wildlife census, animal capture operations, law enforcement and transportation of personnel and gear in remote parts of Alaska. With over ten thousand hours flight time in Alaska, less than one third of his landings were at what most folks call "airports." In December of 2005, Mike retired from the FWS and was hired by the University of Minnesota to coordinate and teach in their aviation program, a partnership with the University of North Dakota. Mike taught a variety of classroom coursework, as well as conducting stage checks and introducing students to the fine points of tailwheel operations in the school's Top Cub. With over 13,000 hours logged, approximately 2,500 of which were instruction given, Mike is now happily retired and living in Bozeman, Montana. He now flies a highly modified Cessna 175, converted to tailwheel, etc. Mike is the current President of the Montana Pilots Association and the Chairperson of the Aviation Organizations of Montana.

2020 FAA Wright Brothers Master Pilot Award Recipients

The Wright Brothers **Master Pilot Award** is the most prestigious award the FAA issues to pilots certified under Title 14 of the Code of Federal Regulations (14 CFR) part 61. This award is named after the Wright Brothers, the first US pilots, to recognize individuals who have exhibited professionalism, skill, and aviation expertise for at least 50 years while piloting aircraft as "Master Pilots".

A distinctive certificate and lapel pin is issued after application review and eligibility requirements have been met. Upon request, a stickpin similar in design to the lapel pin is also provided to the award recipient's spouse in recognition of his or her support to the recipient's aviation career. Once the award has been issued, the recipient's name, city and state will be added to a published "Roll of Honor" located at <https://www.faa.gov/content/MasterPilot/RecipientList.aspx>.

To be eligible for the Wright Brothers MPA, nominees must meet the following criteria:

- Hold a U.S. Civil Aviation Authority (CAA) or Federal Aviation Administration (FAA) pilot certificate.
- Have 50 or more years of civil and military flying experience.
 - Up to 20 years of the required 50 years may be U.S. military experience.
 - The effective start date for the 50 years is the date of the nominee's first solo flight or military equivalent.
 - The 50 years may be computed consecutively or non-consecutively.
- Be a U.S. citizen.

The 2020 FAA Wright Brothers Master Pilot Award Recipients are:

Roger Donald Lincoln of Gildford, Montana

Robert Hermon Breum of Havre, Montana

Charles Edgar Inman of Havre, Montana

John Hebbelman, Jr of Chinook, Montana





A Love of Aviation (ALOA) Scholarship - An anonymous donor established this scholarship of \$250 in 1997 and in 2010 two more anonymous donors contributed an additional \$250 each, creating a \$750 scholarship. The Hanson Family sponsors this \$750 scholarship to financially assist a Montana resident with aviation related educational expenses. This year's recipient is **Seth Allard of Billings, Montana**. Seth Graduated Skyview in 2018 as a member of the National Honor Society. He is currently attending MSUB working towards his bachelor's degree. In October he got his private pilot's license, making him the 7th pilot in his family. His goal is to obtain his instrument and commercial ratings and to someday be a slurry or commercial airline pilot.



Aviation Organizations of Montana (AOM) Flight Training Scholarship AOM has established this \$500 scholarship to financially assist a student pilot in obtaining their private pilot certificate. This year's recipient is **Amanda Knutson (AJ) of Belt, Montana**. AJ grew up on a cattle ranch in Montana. She was introduced to aviation thru her first job with SkyWest Airlines. She sold tickets, loaded luggage and washed planes. She is currently working at Holman Aviation as a fueler. After working around aircraft on the ground, she decided to take the next step and learn to fly. She is currently taking lessons to get her private pilot's license and hopes to one day fly medevacs here in Montana.



Bob Redding Memorial Scholarship - EAA Chapter 57 in Billings, MT is offering a \$250 scholarship in memory of Bob Redding who was a lifetime advocate of general and experimental aviation. Building aircraft was as important to Bob as flying them. This year's recipient is **Levi Long of Marysville, Montana**. Levi developed a love of flying at a very young age and quite unconventionally. When his sister got a "Wish Trip" they went to Alaska and remembers landing on the glacier. He knew at that moment he wanted to incorporate flight into his life. He took his discovery flight at Summit Aviation recently. Levi has been a volunteer fire-fighter cadet and will become a fire fighter when he turns 18. His future goals are to pilot a slurry bomber or being a spotter plane for wildland fires.



Charles Taylor – Rosie Riveter Scholarship – EAA Chapter 344 of Helena, MT is sponsoring a \$500 scholarship to be awarded to an outstanding second year airframe and power plant student enrolled in the Aviation Maintenance Technician program at the Helena College. This year's recipient is **Kaleb Bare of Helena, Montana**. One of the major influences was his late grandpa, who encouraged him to continue flight school by paying for him to finish. Once Kaleb got his private pilot license, he carried on his passion b working at Norther Skies Aviation as an aviation mechanic apprentice. This sparked an even bigger interest which guided him to the next step, starting school at Helena College as an Aviation Mechanic. After Kaleb's first year he joined the U.S. Navy Reserves. Upon completion, he decided to continue his schooling and get his degree in Aviation Maintenance.



Choice Aviation Scholarship - A \$1,500 scholarship is available to the holder of at least a Private Pilot Certificate and a Second Class Medical, and who is looking to further advance themselves toward a career in aviation with additional pilot training at any of Choice Aviation's training facilities located in Montana or Wyoming. This year's recipient is **Nicholas Wolf of Salmon, Idaho**. Nicholas has been working as a guide at a fly-in private ranch on the Salmon river. Each flight to and from the ranch only increased his love for back country flying. He received his private pilots license in the winter of 2017 with Choice Aviation in Hamilton, MT. He purchased his own plane in January 2018; a 1961 Cessna 182. In February of 2019 he received his instrument rating. He is hoping to obtain his commercial license this year, once the guiding season concludes. His goal is to be a back-country pilot.



Edwards Jet Center Scholarship - Edwards Jet Center, a full-service fixed based operator and Part 135 charter operator, based at Logan International Airport in Billings, offers this \$500 scholarship to help defray the cost of flight instruction or A&P school. This year's recipient is **Hayden Patnode of Billings, Montana**. Hayden graduated from Moore High School where he excelled both academically and in sports, lettering in track and football. He is currently attending Rocky Mountain College, pursuing his bachelor's in Aeronautical Science. In the summer months, he works with Charlie Rogers at central Air Service. He started training for his pilot's license in 2018. He has been active in the aviation community and is a member of many organizations. He hopes to become a commercial pilot after graduation.

Experimental Aircraft Association (EAA) Missoula Chapter 517 Scholarship - EAA Missoula Chapter 517 provides two scholarships. One for post-solo flight training and one to be used for any type of aviation career training.



The **\$1,000 EAA Post Solo Flight Training Scholarship** recipient is **Tristan Walker of Belgrade, Montana**. Tristan knew from the beginning he wanted a career in aviation. He is currently a sophomore at MSU where he is enrolled in the Business and Aviation program. He has aggressively worked toward his pilot's license. He will earn his private pilots rating soon, pending completion of his review and private pilot check ride. He hopes to attain his instrument, commercial, multi-engine and flight instructor ratings. After graduation his goal is to fly for the Air National Guard. And after he leaves the Guard; he would like to fly for a fire suppression company.



The **\$1,000 Aviation Career Training Scholarship** recipient is **Darren Ginn of Stevensville, Montana**. Darren began flying when he was just 12 years old. He obtained his private pilot certificate at the age of 18. The went into a career in Law Enforcement. After working as a police officer for 12 years, he switched careers back to aviation. He became a professional pilot in the fall of 2018 and is currently working as a full-time flight instructor in Hamilton Montana. He is working toward his commercial multi engine rating and plan to get his commercial seaplane rating and would one day like to work towards becoming a charter pilot.



Montana Antique Aircraft Association (MAAA) Scholarship - MAAA is dedicated to the preservation, restoration, use, and knowledge of antique airplanes. Their motto is: "Keep the Antiques Flying." Their \$1,000 scholarship is to help defray the cost of flight instruction, or the cost of A&P mechanic school. This year's recipient is **Jordan Carter of Florence, Montana**. Jordan earned his private pilot license in June of 2018. This past summer, he earned his complex rating and High-Performance Aircraft rating. He is enrolled in Northwest College for the Aeronautics degree and will start that in the fall of 2020. His dream is flying for Neptune Aviation out of Missoula and being a tanker pilot.

Montana Ninety-Nines Scholarships - These three scholarships are offered to qualified female candidates residing in Montana who are interested and passionate about aviation.



This year's recipients are **Katie Coleman-Assad of Missoula, Montana in the amount of \$2,067** for one of her courses at Embry-Riddle. Katie started out a career in aviation in 2006. Once she obtained her license and ratings, she worked as a flight instructor. She took a break to raise her son. She decided to return to aviation and is currently attending Embry-Riddle Aeronautical University pursuing her master's degree in aerospace operations. Her ultimate career goal is to become a manager or a director of an airport.



Katrina Angelina Shull of Missoula, Montana for \$1,800 to complete her solo training. Katrina is as passionate about aviation as she is about helping the less fortunate. She spends her time as a mission assistant with Angel Flight. And she volunteers with many programs that assist children and others in her community that are struggling. She is currently working towards her private pilot's license. She hopes to one day get her commercial license and use it to fly teams of volunteers across the world.



Laura Allen of Colombia Falls, Montana for \$1,000 to help with instructor costs and rental fees. Laura joined the Airforce where she earned many various awards and worked a jet engine mechanic. After she left the military, she got her A&P and is working toward her bachelor's degree in Mechanical Engineering. She currently works at Rocky Mountain Aircraft Services in Kalispell. She has begun her training for her private license and hopes to one day help design an aircraft.

Montana Pilots Association Scholarships - The Montana Pilots Association offers two scholarships; one for active pilots who is pursuing a professional in aviation and one for showing outstanding interest and achievement in aviation.



Montana Pilots Association Air Safety and Education Foundation (MPA ASEF) Flight Training Scholarship - This \$1,000 scholarship is open to an active pilot who has considerable interest in aviation and is seeking advanced flight training or a pursuing a profession in aviation. This recipient is **Brody Severson of Florence, Montana**. His love of aviation began while reading stories of his grandfather as a B-17 bombardier in WWII. He started flight training at 15 and obtained his license at 17. In 2016 he obtained his instrument rating. He graduated Helena College in 2008 with his A&P. He is currently working with Neptune Aviation in Missoula and training to finish his commercial pilots license and flight instructor rating. He hopes to someday learn how to fly float planes and tail draggers.



Montana Pilots Association (MPA) Junior Pilot Scholarship - The recipient of this \$1,000 scholarship is chosen for outstanding interest in aviation, citizenship in their community and demonstrated academic achievement. The recipient must be a Montana resident and previously soloed. Preference is given to younger applicants who are new pilots or pursuing a profession in aviation. This year's recipient is **Christian Pavleka of Whitefish, Montana**. Christian currently works as a lineman for Red Eagle Aviation at Kalispell City Airport during the summer. He has joined a flight club where he and three other members own a 1965 Cessna 150. His goal is to complete his commercial rating and then work toward his commercial flight instructor license. One day he would like to work for a commercial airline.



Parrott Family Scholarship - The Parrott Family offers a \$1,000 scholarship to be used over a one-year period for pilot training programs for students enrolled in the Rocky Mountain College (RMC) aviation program. The funds may be used for tuition in the RMC aviation program, and/or flight training expenses leading to a private, commercial, or flight instructor certificate, and may include Instrument and Multiengine simulator training, and the purchase of aviation related materials and related supplies. This year's recipient is **Jacob Kelley of Stockett, Montana**. Jacob is currently a senior at Centerville High School. He is a member of the National Honor Society and has been a key player in football, basketball and track. He has participated in a Daedalian Flight ground school. He has been accepted to the Rocky Mountain College aviation program in Billings and will start there in the fall of 2020. His future goals are to enter the military after graduating college as a pilot.



Theresa (Nistler) Colley Scholarship - The Nistler family and friends of Theresa offers this \$1,500 scholarship in memory of Theresa Nistler Colley. Theresa loved flying and was working toward her private pilot certificate. This scholarship will be awarded to a student pilot who is working on getting their private pilot rating. This year's recipient is **Meakin Vermillion of Hamilton, Montana**. Meakin loves flying and the way it gives people the ability to see everything from a totally new perspective. She is currently taking flight lessons with Choice Aviation and hopes to be able to increase her training time and get her private pilot's license.



Tyler Orsow and Chuck Kimes Forever Flying Scholarship - This scholarship is a fully funded seaplane rating provided by the Seaplane Pilots Foundation. The scholarship honors the memory of seaplane pilots Tyler Orsow and Chuck Kimes who were lost in a crash of a one-of-a-kind seaplane on a ferry flight in the Mideast in 2011. This year's recipient is **Shane Lindemer of Seeley Lake, Montana**. Shane fell in love with aviation at a young age. His grandfather opened a Seaplane base in Seeley Lake. And got hooked when he flew with his dad and he landed on the frozen lake right in front of their house. He completed his first solo in the Cub in 2017. He currently attends MSU Gallatin College and is enrolled in the Summit Aviation training program. He has approximately 180 hours of flight time, including his tailwheel endorsement and high-performance endorsement. He is currently training for his single engine commercial and multi-engine private pilot ratings. He looks forward to a future in the aviation world, wherever it may take him.

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Special Thanks to:

Great Falls, Montana Tourism for hosting the Thursday evening Exhibitor Award Kick-Off Event.

Holman Aviation for the use of their hangar for the static display and Scout Aviation Merit Badge.

Mercy Flight for the use of their air ambulance jet for the Scout Aviation Merit Badge.

Morrison-Maierle, Inc. for the conference signs.

National Business Aviation Association (NBAA) for hosting Friday Afternoon Refreshments.

Omaha Airplane Supply Company for hosting Friday Morning Refreshments.

Redbird Flight Simulations for bringing a flight simulator for us to experience.

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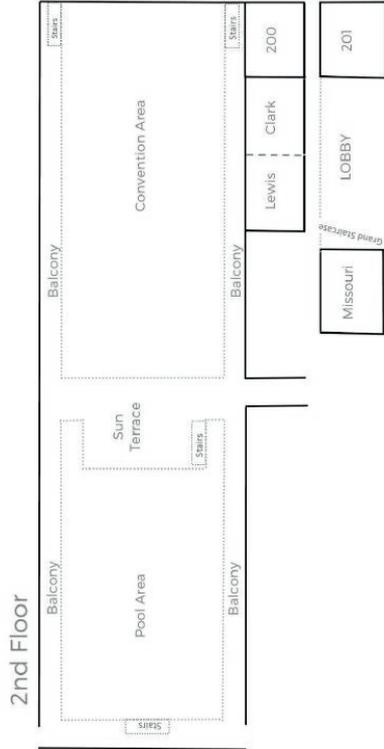
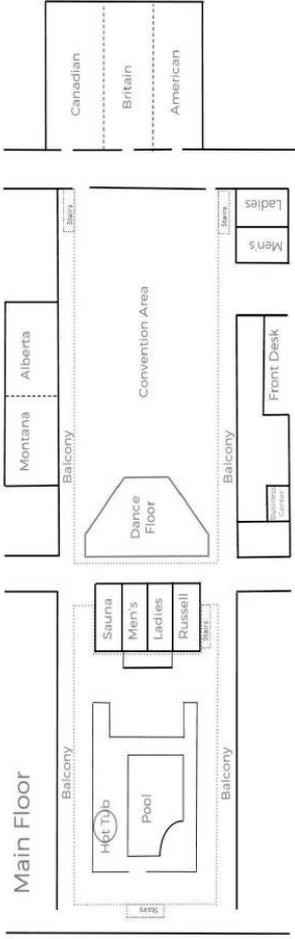
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