



Lane Wallace to Speak at Conference Banquet

Lane Wallace an internationally-known columnist for *FLYING* magazine, a correspondent for *The Atlantic*, and the founder and editor of *no map. no guide. no limits.*, a blog focused on taking a more adventurous, entrepreneurial, and passion-driven approach to life will be the featured speaker at the Montana Aviation Conference banquet on Saturday, March 5 in Helena.

She has written six books for NASA on flight and space exploration, a book for young people on flying and designing airplanes (published by the EAA), and has worked as a writer and producer on a number of television and video projects.

Wallace learned to fly in 1986 after being inspired by a biplane flying by overhead, and her love affair with airplanes continues to this day. She owned a 1946 Cessna 120 for seven years and now owns a 1977 Grumman Cheetah.

Over the past 24 years, her flying adventures have taken her to five continents and from 100 feet over the African savannah to over 70,000 feet in a U-2 spy plane. She's been stranded on a glacier in shorts and tennis shoes, tasked with a hostage rescue mission in Sudan, and was part of the first blimp crew to successfully fly through the Alps, among many other adventures and misadventures—on the ground, and in the air. But in the course of all those experiences, Wallace has gathered a treasure trove of humbling, funny, heartbreaking and joyous stories and lessons about surviving uncertainty and forging a meaningful and powerful path through life, no matter what challenges arise along the way.

Her latest book, *Unforgettable*, a collection of some of her best adventure stories called a "must-read" by reviewer Max Trescott, was released late last year and is available through Sportys.com. She is currently at work on a new book about the power of passion. More information on Lane and her work can be found at LaneWallace.com.

In addition to outstanding speakers like Ms. Wallace the committee is putting together a top notch conference with something for everyone. You can register for the conference by completing the registration form on page 4 of the newsletter. A form is also available on our website at www.mdt.mt.gov/aviation/. Remember those that register early are entered in to a special drawing that will be held during Thursday's kickoff luncheon, you do not need to be present to win.



Lane Wallace an internationally-known columnist will speak at the 2011 Conference Banquet on Saturday, March 5.

Rooms have been blocked at the Red Lion Colonial Hotel at a conference rate of \$89 + tax. Please phone (406) 443-2100 or 1-800-733-5466, reference **Montana Aviation Conference** to make your reservations. Reserve your room today, reservations must be made prior to **February 2, 2011** in order to guarantee the group discount. Stay tuned to future newsletters and our website for further conference information!

Questions please call Patty at (406) 444-9580 or email pkautz@mt.gov.

MDT attempts to provide accommodations for any known disability that may interfere with a person participating in any service, program or activity of the Department. Alternative accessible formats of this information will be provided upon request. For further information call (406) 444-6331 or TTY (406) 444-7696. MDT produces 2,200 copies of this public document at an estimated cost of 39 cents each, for a total cost of \$858. This includes \$465 for postage.

Administrator's Column

Happy Holidays: Through this year and into the next, my hope is for the best of all things to you and yours. Wishing you all good things for a Merry Christmas, Happy New Year and always. Thanks for your support and friendship.

Green Flight Project: Bye Energy announced the project earlier this year and is developing, with support from Cessna, electric and electric-hybrid propulsion systems for light general aviation aircraft. The company is planning to fly an electric-powered Cessna 172 Skyhawk sometime next spring. George Bye said eventually he will use a jet-fuel-powered auxiliary power unit to recharge the batteries and give the aircraft greater range. The aircraft will have the rear seats removed and replaced with lithium ion batteries. Cessna is offering engineering support to Bye. He noted that, unlike a fueled engine, electric motors are indifferent to density altitude changes. They don't just provide a clean alternative to fueled airplane engines, electric motors keep all their power at altitude.

FAA to require photos on pilot's licenses: The FAA has proposed that all pilot certificates include a photo of the licensee, and one lawmaker wants to know why the passport-size cards will not include biometric identification five years after Congress passed a law requiring such unique identifiers. Congress mandated that the FAA start issuing improved, tamper-resistant pilot certificates that include a photo ID and biometric capabilities as part of the Intelligence Reform and Terrorism Prevention Act, which became law in late 2004. Pilots would obtain new certificates with their photograph along with an expiration date currently proposed at eight years. At the end of that period, pilots would be required to update their photo and obtain a new certificate. Representative John Mica (R-FLI), in a letter to FAA administrator Randy Babbitt, said he was "astounded" to hear details of the proposed rule. Mica was the author of the provision in the act that required secure licenses. He urged FAA to "fulfill its obligation to implement the law as intended by Congress. The proposal can be found at: <http://edocket.access.gpo.gov/2010/pdf/2010-29192.pdf>. The comment period is open for 90 days; [pilots may submit comments online](#) at <http://www.regulations.gov>, in person, by fax, or by mail to Docket Operations, M-30; U.S. Department of Transportation, 1200 New Jersey Avenue, SE, Room W12-140, West Building Ground Floor, Washington, DC 20590-0001. Identify Docket No. FAA-2010-1127.

Wall Planning Chart: In February 2011, pilots will be able to purchase a VFR wall planning chart that was designed by the FAA's AeroNav Products team with aviators' suggestions in mind. The chart will measure 59 by 36 inches and feature VFR data including airports, Class B airspace areas, special-use airspace, and topographic data. Its size, contents, and availability unfolded also make it perfect for hanging on the wall in flight schools and FBOs. Go to: http://www.faa.gov/air_traffic/flight_info/aeronav/ for a catalog of products and to order online.

FAA approves fuel reimbursement: A groundbreaking ruling by the FAA means good news for volunteer pilots engaged in charitable flying who will now be able to operate under an FAA exemption allowing them to receive reimbursement for fuel used in the transport of patients, wounded warriors, and veterans. The exemption was granted to Angel Flight Mid-Atlantic, Airlift Hope, and Mercy Medical Airlift all 501(c)(3) nonprofit organizations. Individuals flying missions under their charge are able to accept reimbursement for fuel costs.



Montana and the Sky
Department of Transportation

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Calendar of Events

January 14 – 16, 2011 – Surratt Memorial Winter Survival Clinic. For further information phone (406) 444-2506.

January 19-20, 2011 – Montana Aeronautics Board Loan & Grant Allocation Meeting. For further information go to http://www.mdt.mt.gov/pubinvolve/aeronautics_board/default.shtml or phone (406) 444-9580; email pkautz@mt.gov .

February 11 – 13, 2011 – Flight Instructor Refresher Clinic. For further information phone (406) 444-2506.

March 3-5, 2011 – Montana Aviation Conference. Red Lion Colonial Hotel, Helena. For further information phone (406) 444-9580.

March 18, 2011 - Rocky Mountain College Aviation Program Open House, in Billings. Learn about getting your 4-year degree as a professional pilot or in Aviation Management. Contact Dan Hargrove at (406) 657-1060.

Airport of the Year Nominations Requested

Are you often heard telling your friends that your airport is better than theirs? Do you feel an insatiable need to brag about your airport? Do you have dreams picturing your airport manager standing atop a three tiered podium with Olympic theme music bellowing in the background? If so, why don't you nominate your favorite airport for our annual "Airport of the Year" award? To nominate an airport, simply send us an explanation of why you think your favorite airport is the airport of the year. Nominations can be made by anyone on behalf of any Montana airport, can be as short or lengthy as you wish and will be accepted through the end of December 2010. MDT Aeronautics will collect the nominations and the winner will be selected and notified sometime in January. Public recognition along with the formal award will be presented to representatives of the winning airport during the Montana Aviation Conference awards banquet in Helena March 4, 2011. Nominations can be sent to any of the following: MAIL: MDT Aeronautics Division, attn: Jim Greil, P.O. Box 200507, Helena, MT 59620-0507; EMAIL: jgreil@mt.gov FAX: (406) 444-2519.

Aircraft Mechanics & IA Refresher Offered at 2011 Conference

The MDT Aeronautics Division is pleased to announce the 2011 Mechanics Seminar & IA renewal will once again be held in conjunction with this year's Montana Aviation Conference in Helena.

The dates for the conference are March 3-5, 2011. The Mechanics Seminar will be held on Friday March 4 and continue through Saturday March 5. Seminar hours are 8:00 am to 5:30 pm Friday March 4, 7:00 am to 5:30 pm Saturday March 5.

We will be offering six hours of training on Friday and a full eight hours of training on Saturday. This has worked out well in the past for those mechanics only wanting to attend on Saturday but still requiring the training to update their IA for renewal. If you are planning to attend only the 8 hour seminar on Saturday you must arrive before 7:00 am to register to get the full 8 hour credit.

Mechanics attending this year's seminar will be required to register for the Aviation Conference. The registration fee will be \$130.00 for the entire conference (includes all meals) or \$75.00 registration fee that includes a Friday dinner and Saturday lunch ticket. This allows you to attend all concurrent sessions, morning and afternoon coffee breaks with snacks. Or if only attending the 8-hour Saturday session, a \$30.00 day pass may be obtained.

Any questions please contact Michael Rogan at (406) 444-9590 or e-mail at mrogan@mt.gov.

TENTATIVE SPEAKERS: Northwest Propeller – Joe Westby; NTSB – Kristi Dunks; Tanis Aircraft Heaters – Dirk Ellis; Diagnostic Solutions – Jim Ramsey; LYCON – Loren Lemen; Champion Aviation Products – Dick Johnson; Precision Airmotive – Allan Jesmer; Lycoming – Shannon Gearry; Timken – Scott Ickes; Helena FSDO

Make plans now to attend, to discuss and learn the latest in aircraft maintenance.

**27th Annual Montana Aviation Conference
March 3-5, 2011 – Red Lion Colonial Hotel, Helena**

Mail Registration Form & Payment to:
MDT Aeronautics Division - Attn: Patty Kautz
PO Box 200507 - Helena, MT 59620-0507
Phone (406) 444-9580 – Fax (406) 444-2519
Email: pkautz@mt.gov

Names of Participant(s) (for badges): _____

Aviation Organization Affiliation: _____

Address: _____

City: _____ State/Zip _____

Phone _____ E-mail address _____

Register Early and SAVE!

<u>EARLY REGISTRATION: BY FEBRUARY 2, 2011</u>		
Takeoff to Landing Package	_____ @\$130/PERSON	\$ _____
(includes registration & <u>all meals</u>)	_____ @\$255/PERSON/SPOUSE	\$ _____
<u>-OR-</u> Registration Fee		
	_____ @\$75/PERSON	\$ _____
(includes registration & <u>free meals</u> – see note below)	_____ @\$140/FAMILY	\$ _____
Thursday Luncheon	_____ @\$15/EACH	\$ _____
Friday Luncheon	_____ @\$15/EACH	\$ _____
**Friday Dinner/Entertainment	_____ @FREE	\$ _____
**Saturday Luncheon	_____ @FREE	\$ _____
Saturday Banquet	_____ @\$30	\$ _____

<u>GENERAL REGISTRATION: AFTER FEBRUARY 2, 2011</u>		
Takeoff to Landing Package	_____ @\$140/PERSON	\$ _____
(includes registration & <u>all meals</u>)	_____ @\$275/PERSON/SPOUSE	\$ _____
<u>-OR-</u> Registration Fee		
	_____ @\$85/PERSON	\$ _____
(includes registration & <u>free meals</u> – see note below)	_____ @\$160/FAMILY	\$ _____
Thursday Luncheon	_____ @\$15/EACH	\$ _____
Friday Luncheon	_____ @\$15/EACH	\$ _____
**Friday Dinner/Entertainment	_____ @FREE	\$ _____
**Saturday Luncheon	_____ @FREE	\$ _____
Saturday Banquet	_____ @\$30	\$ _____

****PLEASE INDICATE IF YOU WILL ATTEND THE FREE FRIDAY DINNER/ENTERTAINMENT AND FREE SATURDAY LUNCHEON WITH NUMBER OF TICKETS REQUIRED. PERSON/SPOUSE AND FAMILY RATE INCLUDES 2 DINNER/DANCE AND 2 SATURDAY LUNCH TICKETS – ADDITIONAL TICKETS MAY BE PURCHASED - \$30.00 DINNER/DANCE AND \$15.00 SATURDAY LUNCHEON. TO ASSURE ADEQUATE MEAL COUNT IF NO INDICATION IS MADE AS TO NUMBER OF TICKETS REQUIRED NO TICKETS WILL BE RESERVED.**

Payment Method:

- Enclosed is my check payable to Montana Aeronautics Division - Total Amount Enclosed \$ _____
- Upon receipt of this form, please charge my: American Express MasterCard Visa Discover

Cardholder Name _____

Account Number _____ Exp. Date _____

Balance Due \$ _____ Signature _____

Scholarship Opportunities

Montana is very fortunate to have many generous individuals and organizations that believe in promoting aviation by offering monetary assistance to qualified persons. The Aeronautics Division assists in administering some of these scholarships and encourages participation. The scholarships are offered to a Montanan to help defray costs of education (i.e., flight instruction, A&P, ect.) and will be presented during the 2011 Montana Aviation Conference in Helena. Awarding of the scholarships will be based on a letter explaining the reasons for applying, future career goals, past aviation experience, if any, and any outstanding achievements. **The same letter can be submitted but applicant must submit one copy addressed to each individual scholarship they are applying for.** Letters of application **must** include a **mailing address and daytime phone number.** If you are selected to receive one of the scholarships your photo will appear in the 2011 Montana Aviation Conference Program, **please include a photo with your applications for this purpose (only one photo necessary).** Letters should be mailed to: Montana Aeronautics Division, PO Box 200507, Helena, MT 59620-0507 or call (406) 444-2506 for further information. **Letters must be postmarked on or before January 7, 2011.**

A Love of Aviation (ALOA) Scholarship – An anonymous donor established this scholarship of \$250 in 1997 in 2010 another anonymous donor contributed an additional \$250 creating a \$500 scholarship.

AOM Flight Training Scholarship – AOM has established this \$500 scholarship to financially assist a student pilot in obtaining their private pilot certificate.

Blue Goose First Generation Flight Scholarship – This \$250 scholarship is awarded to a first generation pilot to assist with flight training. This scholarship is designed to assist a person who has a love of aviation, yet had limited exposure to aviation, someone from a non-aviation background/family.

Harold Hamm Scholarship – Harold and Zola Hamm were the anonymous donors that established the first \$250 A Love of Aviation (ALOA) Scholarship in 1993. With the passing of Harold on September 1, 2006, Zola decided to rename the scholarship the “Harold Hamm Scholarship” in honor of her husband of 19 years. Harold had an extremely strong passion for aviation. Together he and Zola completed two airplane projects: the restoration of a J-3 Piper Cub, and an experimental RV-6 aircraft. In 2008 Zola graciously increased the amount of the Harold Hamm Scholarship to \$500.

Montana Antique Aircraft Association (MAAA) Scholarship – MAAA offers this \$1,000 scholarship to help defray the costs of flight instruction.

Montana Pilots Association Air Safety & Education Foundation Flight Training Award - This scholarship is open to a person who has a considerable interest in aviation. The \$750 scholarship is to be used for flight training.

Montana Pilots Association Junior Pilot Award – This recipient is chosen for outstanding interest in aviation, citizenship within their community and demonstrated academic achievement. The recipient must have soloed and be actively involved in flight training. This is a \$750 scholarship.

Morrison Aviation Appreciation Scholarship – Jeff Morrison, retired former owner of Morrison Flying Service in Helena has established the \$500 scholarship as a token of appreciation to the aviation community.

Mountain AirDance Flight Training Scholarship: Jeanne MacPherson and Bill Gallea offer this \$750 scholarship to an active pilot who desires to pursue advanced training, such as tailwheel endorsement, mountain flying, aerobatics, or a higher rating.

NW Montana Youth Aviation Scholarship: The Flathead Hangar is offering two \$750 scholarships to financially assist student pilots with the cost of flight instruction. Student pilots 14-24 years of age from NW Montana* are eligible to apply.

* includes Flathead, Sanders, Lake, Lincoln, Mineral, and Missoula counties.

Parrott Family Scholarship – The Parrott Family offers this \$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.

Stene Aviation Education Scholarship – Stene Aviation established this \$500 scholarship through the Montana Pilots Association Air Safety and Education Foundation as a token of their appreciation to the aviation community.

A Christmas Poem for Pilots

'Twas the night before Christmas, and out on the ramp, Not an airplane was stirring, not even a Champ. The aircraft were fastened to tiedowns with care In hopes that come morning, they all would be there.

The fuel trucks were nestled, all snug in their spots, While peak gusts from three two zero reached 39 knots. I sank behind the fuel desk, now finally caught up, And settled down comfortably, resting my butt.

When over the radio there arose such a clatter, I turned up the scanner to see what was the matter. A voice clearly heard over static and snow, Asked for clearance to land at the airport below.

He barked out his transmission so lively and quick, I could have sworn that the call sign he used was "St. Nick". Away to the window I flew like a flash, Sure that it was only Horizon's late Dash.

Then he called his position, and there could be no denial, "This is St. Nicholas One and I'm turning on final." When what to my wondering eyes should appear, A Rutan sleigh, with eight Rotax Reindeer.

Cleared for the ILS, down the glideslope he came, As he passed all fixes, he called them by name: "Now Ringo! Now Tolga! Now Trini and Bacun! On Comet! On Cupid!" What pills was he takin'?

Those last couple of fixes left the controllers confused, They called down to the office to give me the news. The message they left was both urgent and dour: "When Santa lands, have him please call the tower?"

He landed like silk, with the sled runners sparking, Then I heard "Exit at Charlie," and "Taxi to parking." He slowed to a taxi and exited Three-Two, As he came down the taxiway the sleighbells' jingle grew.

He stepped out of the sleigh, but before he could talk, I had run out to him with my best set of chocks. He was dressed all in fur, which was covered with frost And his beard was all blackened from Rotax Reindeer exhaust.

His breath smelled like peppermint, gone slightly stale, And he puffed on a pipe, but he didn't inhale. His cheeks were all rosy and jiggled like jelly, His boots were as black as a cropduster's belly.

He was chubby and plump, a right jolly old fool, And he kindly informed me that he needed some fuel. A wink of his eye and a twist of his toes, Let me know he was desperate to powder his nose.

I spoke not a word, but went straight to my work, And I filled up the sleigh, but I spilled like a jerk. He came out of the restroom with a sigh of relief, And then picked up a phone for a Flight Service brief.

And I thought as he silently scribed in his log, That with Rudolph, he could land in an eighth-mile fog. Next, he completed his pre-flight, from the front to the rear, Then he put on his headset, and I heard him yell, "Clear!"

And laying a finger on his push-to-talk, He called up the tower for his clearance and squawk. "After departure fly heading three two zero," the tower called forth, "And watch for a Luscombe inbound from the North."

Then I heard him proclaim, as he climbed thru the night, "Merry Christmas to all! I have traffic in sight."



Comment Period Extended on Proposed FAA Clarification of “Actively Engaged” for IAs

The comment period on a proposed rule change has been extended to January 17, 2011 (per <http://www.gpo.gov/fdsys/pkg/FR-2010-12-06/pdf/2010-30604.pdf>). In the proposed rule change, the FAA is attempting to clarify the meaning of “Actively Engaged” pertaining to the requirement for issuing and renewing the Inspection Authorization (IA). FAA NPRM 2010-1060 Policy Clarifying Definition of Actively Engaged for Purposes of Inspector Authorization was posted in the Federal Register dated November 5, 2010, which provides the following summary of the proposed change.

This action proposes to clarify the term “actively engaged” for the purposes of application for and renewal of an inspection authorization. This proposal would amend the Flight Standards Management System Order 8900.1

The change can be viewed in its entirety at <http://www.federalregister.gov/articles/2010/11/05/2010-27834/policy-clarifying-definition-of-actively-engaged-for-purposes-of-inspector-authorization#p-3>.

The proposed change has created quite a stir in the aviation maintenance community, with several organizations drafting articles about it and their recommendations for revising the proposed rule. One common concern is that the proposed rule change does not define the term “actively engaged,” but rather leaves it up to the Aviation Safety Inspector (ASI) to make their own decision about how actively engaged an aircraft mechanic with an Inspection Authorization is. The concern is that this lack of clear guidance or standardization of the definition could result in a wide variety of interpretations by the ASI.

Some of the organizations that have drafted articles are the Aircraft Owners and Pilots’ Association (AOPA), the Professional Aviation Maintenance Association (PAMA), and the Experimental Aircraft Association (EAA). Their articles are linked below.

AOPA: <http://www.aopa.org/advocacy/articles/2010/101111pathtoia.html>

PAMA: <http://www.pama.org/forum/topic/faa-nprm-2010-1060>

EAA: http://www.eaa.org/news/2010/2010-12-02_comments.asp

While it is not the intent of the MDT Aeronautics Division to express support or opposition to the proposed change, it is important to provide aircraft mechanics with information to research and form their own opinions, and encourage them to submit comments.

Comments can be submitted electronically at <http://www.regulations.gov>. Please don’t miss your chance to comment.

Civil Air Patrol receives \$10,000 grant from Lightspeed Aviation Foundation

Civil Air Patrol is one of the first nonprofit aviation organizations to receive a \$10,000 grant from the Lightspeed Aviation Foundation’s new gift and grant program.

Foundation officials from the aviation headset company in Lake Oswego, Ore., made the contribution to Civil Air Patrol on Saturday, Nov. 13, at the AOPA Aviation Summit at the Long Beach Convention Center in Long Beach, Calif.

Lt. Col. Virginia Nelson of Civil Air Patrol’s Pacific Region accepted the grant on behalf of CAP, which was voted as one of the top five aviation charitable organizations in America during the 2010 flying season. Twenty aviation charities were nominated as potential grant recipients, but only the top five organizations – as chosen by pilots and other aviation enthusiasts from across the country – earned the foundation’s first grants.

“Civil Air Patrol is indeed among the top aviation charitable organizations in the nation, and on behalf of our 61,000 members nationwide, I want to extend our collective gratitude to aviators across America who cast their vote in support of CAP’s everyday heroes,” said Maj. Gen. Amy S. Courter, CAP’s national commander. “This grant will be used by our citizen volunteers to support CAP’s congressionally-chartered aerospace education mission.”

According to Allan Schrader, the foundation’s founder, “All of those that were nominated are already doing ‘good’ for aviation. We want to come alongside to help build awareness and increase funding opportunities. And, we want to mobilize the pilot community to learn more about them and get involved.”

The foundation launched the gift and grant program in May at Sun ‘n Fun, the nation’s second largest fly-in, air show, industry tradeshow and aviation event in Lakeland, Fla. Since then, more than 20,000 pilots nationwide cast their “votes” for CAP and the other grant recipients as the country’s top aviation charities, each worthy of a Lightspeed grant.

Besides CAP, other 2010 grant recipients were Angel Flight Southeast/Mercy Flight Southeast, JAARS, Mission Aviation Fellowship and The Ninety-Nines.

To see video of Schrader’s presentation to CAP and other 2010 grant recipients, go to <http://www.aopa.org/aopalive/?watch=BtOHF0MTrCrX6CP6PKWtLzIRdryqSHeR>. Find out more about the foundation and the 2010 grant recipients at <http://lightspeedaviationfoundation.org>.

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Patty



Debbie



Kelly



Jim



Mike



Ken



Tony



Jeff



Tom