



...STEM in Flight!

Agenda/Offerings

Saturday, October 18th, 2014 * Capital City Airport, Lansing

Presented by the MDOT General Aviation Committee

and the Square One Education Network



Sponsors



9:00-10:45

Pete Kamarainen, Chairman, Michigan Aeronautics Commission and Grand Air Aviation
Karl Klimek, Square One Education Network, General Aviation Committee
Amy Kienast, National Director of Business Relations at MIAT College of Technology
Tera Fricke, Pilot-Education Outreach - MDOT Office of Aeronautics
Indoor Flying Demonstration! – Michigan Indoor Flying Association

Auditorium Classroom 1 Board Room Classroom 2 Hangar Lobby

11:00-11:40	Stockbridge High School Quad Copters in the Classroom	MIAT College of Technology	Airports: Design, Form and Function... Casey Ries	Civil Air Patrol Programs for Schools	Airplane Pre-flight Walk around <i>GA Committee</i>	11 am Tower Tour 1 Flight 1
11:50-12:30	Stockbridge High School Quad Copters in the Classroom	Kent ISD Designing PD for your school	Directories & Charts in the Classroom... MDOT-Tera Fricke	Civil Air Patrol Programs for Schools	Chris Ulch, Enstrom Helicopters	
12:30-1:10	Lunch					
1:10-1:50	Michigan Indoor Aircraft Assoc. Model Aviation Excitement	Kent ISD Designing PD for your school	Directories & Charts in the Classroom... MDOT-Tera Fricke	Drone Tech and Agriscience Countryside Academy	Justin Solzman, Enstrom Helicopters	1 pm Tower Tour 2 Flight 2
2:00-2:40	Michigan Indoor Aircraft Assoc. Model Aviation Excitement	EAA Chapter 55 Young Eagles	Dennis Glaeser EAA 13 Ray Twp	Drone Tech and Agriscience Countryside Academy	Wings, Balloons and Brothers...Rex Phelps	2 pm Tower Tour 3 Flight 3
2:50-3:30	WMU College of Aviation	EAA Chapter 55 Young Eagles	Dennis Glaeser EAA 13 Ray Twp	Wings Around the World (<i>Tentative</i>)	Wings, Balloons and Brothers...Rex Phelps	3 pm Tower Tour 4 Flight 4 (if needed)
3:40-4:00	<i>Distribution of GLIAC Vouchers!</i>					



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A Great Line-Up of Kick-off Speakers Professional Development for K-12 Teachers

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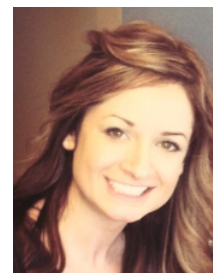
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Register at: www.squareonenetwork.org/professional-development



As a business relations professional, **Amy Kienast** networks with employers across the U.S. in the aviation, energy, and transportation industries to connect hiring managers to qualified candidates. She is a board member of ATEC (Aviation Technician Education Council) a member of Women in Aviation International (Past President of SE Michigan Chapter), on the Board of Michigan Career Development Association (serving as Technical School Liaison/Newsletter Editor), member of SHRM and on the planning committee for the Great Lakes Aviation Conference. Amy is a part-time guest instructor for Schoolcraft Community College online aviation management program and guest speaking at Eastern Michigan University regarding aviation careers.

Tera Fricke is a pilot for the Michigan Department of Transportation Office of Aeronautics. In addition to her duties as a pilot she is also involved in the Outreach Education and Safety program. Tera has been with MDOT for 4 ½ years. Before starting her job with MDOT, she worked as a certified flight instructor. Tera lives in Portland, Michigan with her husband and one-year-old daughter.



A long-time STEM educator in Michigan, **Karl Klimek** brings high enthusiasm and a wealth of experience to every project with which he is involved. As Executive Director of the Square One Education Network, he has the honor of working with K-12 schools throughout the state and region. An avid pilot and aircraft owner, he will set the stage for the day by connecting many educational “dots” that reflect the educational value of bringing aviation/aerospace projects into classrooms.

Sponsors



WESTERN MICHIGAN UNIVERSITY
College of Aviation



Breakout sessions offered by:

Western Michigan University, College of Aviation

USAF Auxiliary – Civil Air Patrol

Michigan Institute of Aviation Technology

Square One Education Network

Grand Air Aviation

EAA Chapter 55 Young Eagles, Mason, Michigan

EAA Chapter 13, Ray Township

Michigan Aerospace Corporation

Michigan Aeronautics Commission

Stockbridge High School ROV and Quad-copter team

Aircraft Owners and Pilot's Association

Aircraft Modelers Association

FAA Tower Tours

Flights for Teachers...Yes...Actual Flights!

Aircraft: Cirrus, L-39 Jet, T-6 Texan, C310 Meridian, King Air, Sikorsky-76 Helicopter, R44 Helicopter, C172 Skyhawk...and more!

Door Prizes/Giveaways