







**FAA  
Aviation Safety**

**Diana Robinson**  
Program Manager

**UAS Integration Office  
Safety and Integration Division**  
470 L'Enfant Plaza SW  
Washington, DC 20024  
T 202 267 2690  
M 813 538 9082  
E [diana.robinson@faa.gov](mailto:diana.robinson@faa.gov)

FAA Project Specialist Outreach and Support 2 ¾ years.  
Energy Manager; Property Management Manatee  
County Government Oct 2014 – 2019 - 5 years.  
RC Associates Recruiting Engineering 2 years 8 mo.  
ES&H Compliance Trainer/Instructional  
Technologist/Safety Associate 25 years  
BS Energy Mgt. MBA - Everglade University 4.0 GPA  
Certified National Nuclear Security Administration  
(NNSA).  
Also a Part 107 Certified Remote Pilot  
Part of Collegiate Training Program



**FAA  
Aviation Safety**

**Alina George**  
AUS-410

**UAS Integration Office  
Federal Aviation Administration**  
490 L'Enfant Plaza, Suite 3200  
Washington, DC 20024  
201-769-8451  
[Alina.C.George2faa.gov](mailto:Alina.C.George2faa.gov)

FAA Program Lead Outreach and Engagement - Drone  
Safety Day, DroneZone updates, Droning On: Regional  
Events, and co-administrates the UAS-CTI Program.  
Joined FAA in March 2019  
Prior to FAA education and outreach efforts at Sparkfun  
Electronics. She also worked at RTCA, an aviation  
standards and regulatory body.  
Executive Certificate in Diversify Equity, and  
Inclusion.  
BA English Literature



**FAA  
Policy, International  
Affairs and Environment**

**Colleen D'Alessandro**  
Regional Administrator

**New England Region**  
1200 District Avenue  
Burlington, MA 01803  
T 781 238 7020  
M 781 999 2841  
E [colleen.dalessandro@faa.gov](mailto:colleen.dalessandro@faa.gov)

Appointed FAA New England Regional Administrator in  
2019. Joining the FAA in 2006. Cross-functional oversight  
and leadership for the FAA Administrator to include  
Aviation Safety (AVS), Airports (ARP) and Air Traffic  
Organization (ATO). Prior to joining the FAA she spent 18  
years at General Electric extensive experience in  
engineering design, administration, and leadership.  
BS & MS Electrical Engineering and Control Systems.  
Six Sigma Black Belt certified



**FAA  
Policy, International  
Affairs and Environment**

**Edward P. Cormier**  
New England Region Aviation  
and Space Education Program  
Analyst, Aviation Workforce  
and Education Division

**National Engagement and  
Regional Administration**  
1200 District Avenue  
Burlington, MA 01803  
T 202 674 9388  
E [Edward.P.Cormier@faa.gov](mailto:Edward.P.Cormier@faa.gov)  
<https://www.faa.gov/education>

**MaineDOT**




**ALAN LAMBERT**  
Director of Aviation  
Bureau of Planning/Aviation Division


**207-624-3310**


Maine Department of Transportation  
16 State House Station  
Augusta, ME 04333-0016

Cell: 207-816-0351  
TTY Users dial Maine Relay 711  
[alan.d.lambert@maine.gov](mailto:alan.d.lambert@maine.gov)



**Academy of Model Aeronautics**





## Academy of Model Aeronautics


### WHY HOBBYIST JOIN THE AMA

FAA REGULATIONS ALLOW AMA MEMBERS TO FLY MODEL AIRCRAFT UNDER AMA'S SAFETY PROGRAM & GUIDELINES


- MODEL AIRCRAFT FLYING IS AWESOME.
- PILOT LIABILITY INSURANCE UP TO \$2.5 MILLION.
- FLYING SITE OWNER LIABILITY INSURANCE COVERAGE UP TO \$5 MILLION.
- 2,450 AMA CLUBS IN THE USA - 7,800 AMA SAFE FLYING SITES.
- OVER 2,000 SANCTIONED FLYING EVENTS EVERY YEAR.
- MEMBER, CLUB, & SITE INSURANCE COVERAGE FOR WHATEVER AND WHEREVER YOU FLY.
- FLY AT FUN FLY EVENTS OR IN NATIONAL/INTERNATIONAL COMPETITIONS.

- STEAM YOUTH EDUCATION PROGRAMS.
- SCHOLARSHIP PROGRAMS FOR HS STUDENTS OVER \$3M GIVEN.
- FAA REVIEWED AND APPROVED AMA COMMUNITY BASED ORGANIZATION'S MODEL AIRCRAFT SAFETY PROGRAMMING.
- TURBINE JET WAIVERS & CERTIFICATION ONLY FROM AMA.
- LARGE MODEL AIRCRAFT & PILOT CERTIFICATION ONLY FROM AMA.
- AMA'S SAFETY GUIDELINES ALLOW LARGER AIRCRAFT TO BE FLOWN FASTER, HIGHER AND SAFER THAN ANY OTHER ORGANIZATION (UP TO 125 LBS. AND A TOP SPEED OF 200 MPH).
- 11,000 MEMBERS AND 110 AMA CLUBS IN NEW ENGLAND.


### WHAT DO AMA MEMBERS FLY




TRAINER 58




WARBIRD 94




RACE DRONE 107 75 MPH




DR PHOTOMETRY DRONE 24"




AEROBATIC 110




RACE PLANE 40" 100 MPH




AEROBATIC 110



TURBINE ENGINE 40 HP 100 MPH




SCALE JET 60




AEROBATIC 110

### WHERE DO AMA MEMBERS FLY




**Rutland County RC Club**  
Fair Haven Air Park  
Airport Rd., Vermont




**Sanford Reginal Airport in Maine**

## AMA A STEPPING STONE TO CAREERS IN AVIATION EITHER CREWED/UNCREWED


### Neal Armstrong's first steps with model aviation led to... "One small step for man and one giant step for mankind"




Neal Armstrong was an AMA member who became the first person to walk on the Moon on July 20, 1969. From the time he was a youngster he built and flew model aircraft and later (1946-1950) competed in AMA national flying events. He said his aeromodelling experiences considerably contributed to his becoming an aeronautical engineer and astronaut.



1. Neal Armstrong designed model airplanes while a student at Purdue.



2. Neal going to compete in U-control speed racing with club members.




3. Neal judging in 1964 AMA National Competitions.

### Ingenuity Model Helicopter Fly's on Mars Four of the Ingenuity's Design Team were AMA Members

AMA modelers take great pride in seeing something they built successfully take off, fly, and then come in for a smooth landing. For AMA member Matt Keenon, one of his creations did just that—except its maiden flight took place on Mars.


Mars, has 1/3 the gravity of the Earth with an extremely thin atmosphere surface pressure of 1% of the Earth. Finding a way for the Ingenuity to fly in such an environment was the challenge.

The AeroVironment initial design team was led by Matt Keenon and fellow AMA hobbyist Ben Jopenberg. Joey Beckman and Jeremy Tyler who were AMA members were also on the team with Sara Langberg and Peter Zwan.



**The first powered helicopter flight on Mars**


The design team celebrated Ingenuity's first successful flight on April 19, 2021. It has made 32 flights as of September 18, 2022.




**Flight Performance**

Altitude: 0 to 1000 ft  
Speed: 0 to 100 mph  
Time: 0 to 1000 sec

### Burt Rutan as an AMA member built, flew, and competed in national model airplane U-control events from 1952 to 1961 and went on to be recognized as the most innovative and prolific aerospace engineer in modern aviation.



In 2004, SpaceShipOne won the \$10 million Ansari X Prize as the first privately developed space vehicle capable of carrying three people into suborbital spaceflight. It inaugurated an interest in spaceflight for ordinary citizens.



Burt Rutan's Voyager aircraft was designed to fly around the world non-stop without refueling. The 1986 flight took 9 days and was piloted by Dick Rutan and Jeana Yeager. Cruising speed was 116 mph. This world distance record remains unchallenged today.

Burt Rutan is a retired aerospace engineer and entrepreneur noted for his ingenuity in designing light, strong, unusual-looking, and energy-efficient air and space craft. In addition to the record breaking Voyager, he designed the Virgin Atlantic GlobalFlyer, which in 2006 set the world record for the fastest (142 mph in 67 hours) and longest (25,766 miles) nonstop non-refueled circumnavigation flight in history. Rutan has designed 46 aircraft during his career.

## THE BEST UAS/DRONE PILOTS GOT STARTED AS AMA MEMBERS LEARNING TO FLY A VARIETY OF MODEL AIRCRAFT INCLUDING FIXEDWING, HELI AND MULTIROTOR AT AMA CLUB FLYING SITES

#### Brunswick Area Modelers



The Brunswick Area Modelers club is a group of model airplane enthusiasts who meet regularly to fly and discuss their hobby. They have a large flying field and a variety of aircraft to fly.

#### RC Club



The RC Club is a group of model airplane enthusiasts who meet regularly to fly and discuss their hobby. They have a large flying field and a variety of aircraft to fly.

#### Propgnappers Inc.



Propgnappers Inc. is a group of model airplane enthusiasts who meet regularly to fly and discuss their hobby. They have a large flying field and a variety of aircraft to fly.

#### Kennebec Valley Model Aviators



The Kennebec Valley Model Aviators club is a group of model airplane enthusiasts who meet regularly to fly and discuss their hobby. They have a large flying field and a variety of aircraft to fly.

#### Mid Coast RC



The Mid Coast RC club is a group of model airplane enthusiasts who meet regularly to fly and discuss their hobby. They have a large flying field and a variety of aircraft to fly.

#### Strawberry Patch RC Pilots



The Strawberry Patch RC Pilots club is a group of model airplane enthusiasts who meet regularly to fly and discuss their hobby. They have a large flying field and a variety of aircraft to fly.