



THE ACADEMY OF MODEL AERONAUTICS (AMA) EDUCATION DEPARTMENT

INSPIRING A LOVE FOR AVIATION

KYLE JARACZ, AMA EDUCATION DIRECTOR



AN OFFICIAL PRESENTATION OF THE ACADEMY OF
MODEL AERONAUTICS EDUCATION DEPARTMENT

MODELAIRORAFT.ORG | AMAFLIGHTSCHOOL.ORG

WHO'S THIS GUY?

BRIEF BIO

KYLE JARACZ, AMA EDUCATION DIRECTOR

RECREATIONAL SUAS PILOT (BEGAN IN 1986; AMA MEMBER SINCE 1991)

FAA PART 103 ULTRALIGHT PILOT (PPG)

FAA PART 107 DRONE LICENCE HOLDER

E-VTOL EXPERIENCE

[DESIGN, FABRICATION, AND TEST PILOTING]





MASC

Academy of Model Aeronautics **MODEL AVIATION STUDENT CLUB**

This program gives schools, clubs, and organizations the opportunity to teach aeromodeling curriculum as an officially chartered AMA Club.

- Assists in developing FAA-Recognized Identification Areas (FRIA) site designation
- Full access to AMA benefits, scholarships, and insurance
- Sponsor receives a free AMA Membership
- Free AMA Club Chartering

IT'S **STE(A)M**
EDUCATION
THAT'S **FUN!**



Dont forget about our *University* MASC's !



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AMAFlightSchool.org/programs/MASC

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QUICK PROJECTS



FREE instructions, templates, and Included Videos for Pre-K through High School!



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AERO LAB

k-12 PROJECT-based learning!

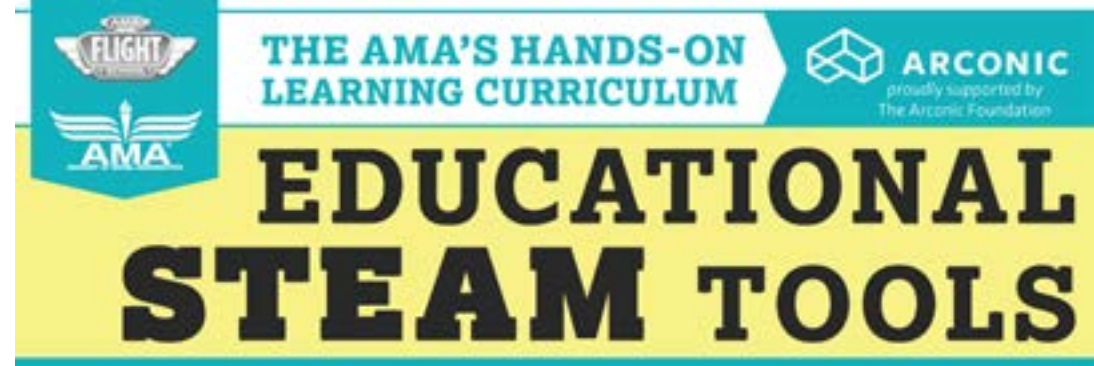
Students will love launching aircraft to study the science of flight.

amaflightschool.org/arconicsteam

Teacher Guides | Student Sheets | Videos

alcoa.modelaircraft.org/orderkits

FREE kits available!



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TWO STE(A)M FOCUSED CAMPS ONE VIRTUAL, ONE IN PERSON.



PROJECT N°1 <i>Fun Airplane</i>	PROJECT N°2 <i>Fun Plane Talk</i>
START NOW >>	START NOW >>
PROJECT N°3 <i>Robot Arms</i>	PROJECT N°4 <i>Fun Jet</i>
START NOW >>	START NOW >>
PROJECT N°5 <i>Building Cars & Engines Model</i>	BONUS PROJECT <i>AMA Aids</i>
START NOW >>	START NOW >>

GET READY FOR AN
ALL NEW
JUNE 7-13

2020 **CAMP AMA** **2020**

TWIN PLUSE CHALLENGE WITH MASON HUTCHISON

SEE PETE BISHOP'S WORKSHOP AT THE MUNCIE POLYTECHNIC CENTER

MASON HUTCHISON
Twin Plus Challenge Winner

PETE BISHOP
Workshop Host

FOR MORE INFORMATION, VISIT CAMP AMA ONLINE:
AMAFLIGHTSCHOOL.ORG/CAMPAMA
OR CONTACT THE AMA EDUCATION DEPARTMENT:
EDUCATION@MODELAIRCRAFT.ORG



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HEAVY LIFT CHALLENGE

FIXED WING CHALLENGE

THE MISSION:

Your mission is to deliver a payload of water to help suppress a local wildfire. Your team has been tasked to deliver as much water as possible to the disaster site, modifying the aircraft to support the increased weight. To accomplish this mission, your team will also need to engineer the payload delivery mechanism that will affix to the aircraft.

READY FOR YOUR TEAM!

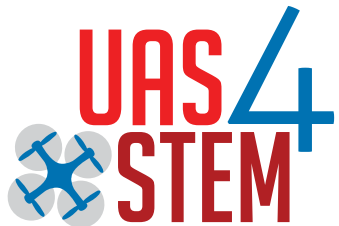
SEABURY HALL, MAUI HAWAII

Initial testing confirmed the viability of the competition with multiple teams competing!



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SPONSORED BY

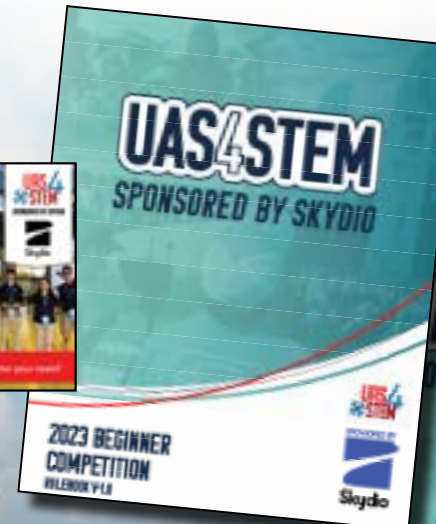


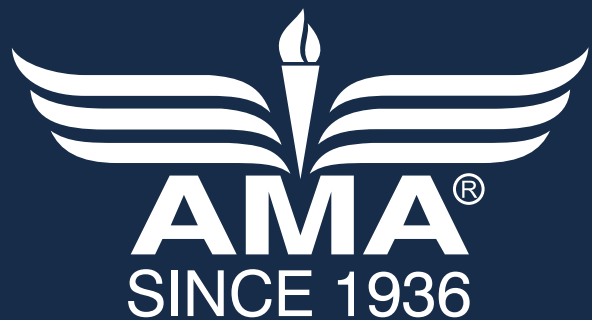
Skydio



SEARCH AND RESCUE CHALLENGE

AUTHORIZED AMA STE(A)M PROGRAM





In short...
WE LOVE AVIATION!

REACH OUT WITH ANY QUESTIONS TO:

KYLE JARACZ

AMA EDUCATION DIRECTOR
KYLEJ@MODELAIRCRAFT.ORG



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