



EAA 179 Presents



DEAA 2026





THE SPIRIT OF AVIATION
Chapter 179
Albuquerque, NM

Day 1

Double Eagle
**Aviation
Academy**



Exploring a Future in Aviation
2026

EAA
Albuquerque Chapter 179

spartan pilot shop
powered by

Sponsored Aviation
Program of the EAA Chapter 179
Albuquerque Chapter 179

Logo
Caption



















Introductions

- What Name
- What is school, where school
- Why particular interest in aviation?
- What do you expect of this week?



Phonetic Alphabet



PHONETIC ALPHABET	
PHONETIC ALPHABET	
ALPHA	ALPHA
BRAVO	BRAVO
CHARLIE	CHARLIE
DELTA	DELTA
ECHO	ECHO
FORTY	FORTY
GOLF	GOLF
HOTEL	HOTEL
INDIA	INDIA
JULIET	JULIET
KILO	KILO
LIMA	LIMA
MIKE	MIKE
NOVEMBER	NOVEMBER
OSCAR	OSCAR
PAPA	PAPA
QUEBEC	QUEBEC
ROMEO	ROMEO
SIGMA	SIGMA
TANGO	TANGO
UNIFORM	UNIFORM
VICTOR	VICTOR
WHISKEY	WHISKEY
XRAY	XRAY
YANKEE	YANKEE
ZULU	ZULU

Summary



You now

- Know what's up for the day, . . . and the week
- Have met some classmates – just a start!

PHONETIC ALPHABET		
INTERNATIONAL MORSE CODE		
A	ALPHA	····· —··
B	BRAVO	····· —···
C	CHARLIE	····· —···
D	DELTA	····· —···
E	ECHO	····· —··
F	FOXTROT	····· —···
G	GOLF	····· —···
H	HOTEL	····· —···
I	INDIA	····· —···
J	JULY	····· —···
K	KILO	····· —···
L	LOMA	····· —···
M	MAY	····· —···
N	NOVEMBER	····· —···
O	OSCAR	····· —···
P	PAPA	····· —···
Q	QUEBEC	····· —···
R	ROMEO	····· —···
S	SIRIA	····· —···
T	TANGO	····· —···
U	UNIFORM	····· —···
V	VICTOR	····· —···
W	WHISKEY	····· —···
X	XRAY	····· —···
Y	YANKEE	····· —···
Z	ZULU	····· —···





Preflight



Estevan
Olivias























Snacks and Lunch













SS
OM ↑



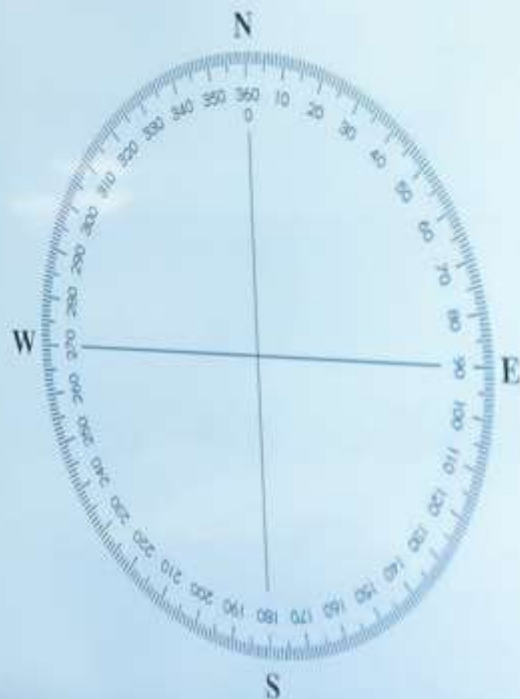
Commercial Pilot





Compass Headings

The Compass



WHICH WAY IS NO

TRUE NORTH
The
geographic
tion of the
Pole,
by the
s, in
e.



WHICH WAY IS NORTH?

TRUE NORTH

The geographic location of the North Pole, marked by the Earth's axis, in relation to where you are.



MAGNETIC NORTH

The location of the molten core of the earth, which is constantly moving.





Jude



Levi
Marquez Noah

Levi Gabriel
Montoya-Felix

Aviation
Academy



Weather

AVIATION WEATHER

Kevin Frick



Kevin Frick

Davis





my biography

➤ Airline Transport Pilot

- 30,000+ flight hours
- Flying Jobs.....
- Air Tours and Commuters in Hawaii 1975-1981
- Gov't Contract, USDOE, KAFB 1981-1989
- Commercial Airlines 1989-2018

- Favorite planes: Cessna 402's and Airbus A320 series



Jeopardy

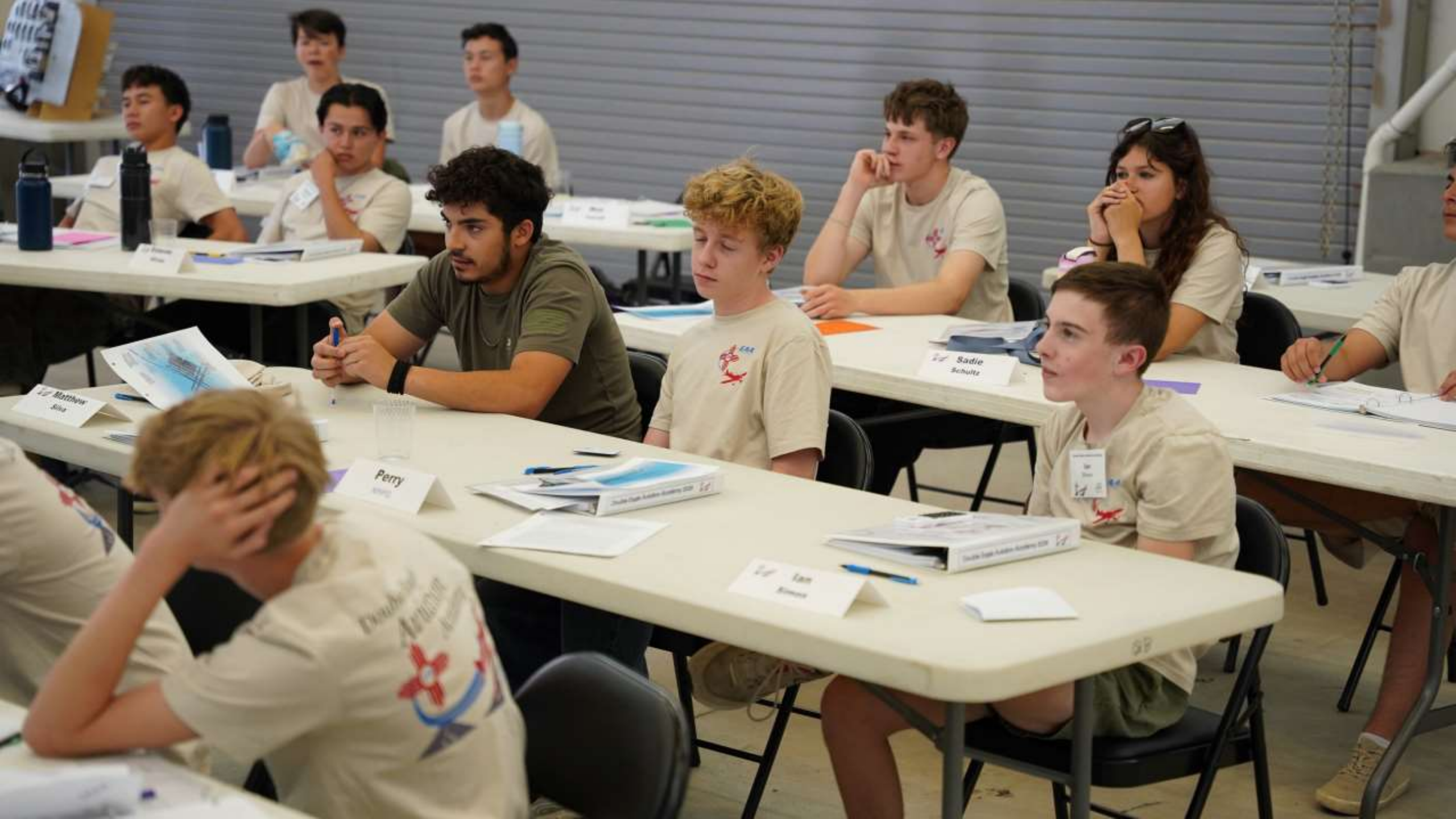


DEAA JEOPARDY Day Two					
The Six Pack	Communications	Traffic Pattern	Radio Frequency Titles	Non-controlled airports	Potpourris
\$200	\$200	\$200	\$200	\$200	\$200
\$400	\$400	\$400	\$400	\$400	\$400
\$600	\$600	\$600	\$600	\$600	\$600
\$800	\$800	\$800	\$800	\$800	\$800
\$1000	\$1000	\$1000	\$1000	\$1000	\$1000









Day 2











Military Careers





Instruments



Aircraft: Six Primary Flight Instruments



Commonly called the "Six Pack"

Double Eagle
Aviation
Academy



EAA
EXPERIENCE EVERYTHING

Aircraft: Six Primary Flight Instruments



Commonly called the "Six Pack"



ATC





Communications







Who am I
who I'm contacting
Where am I
What do I want

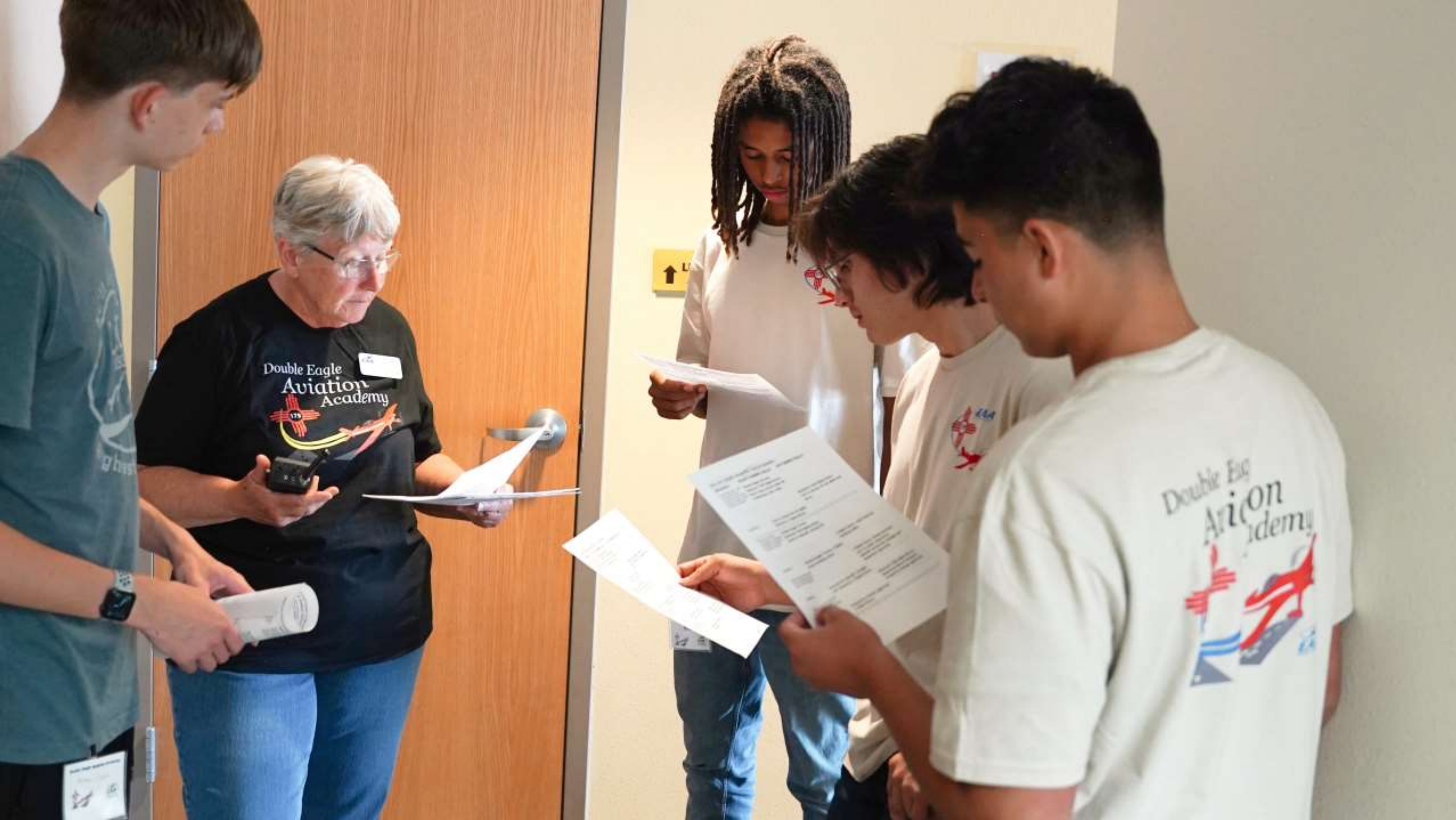




Who am I
Who I'm contacting
Where am I
What do I want



Levi
Marquez Noah









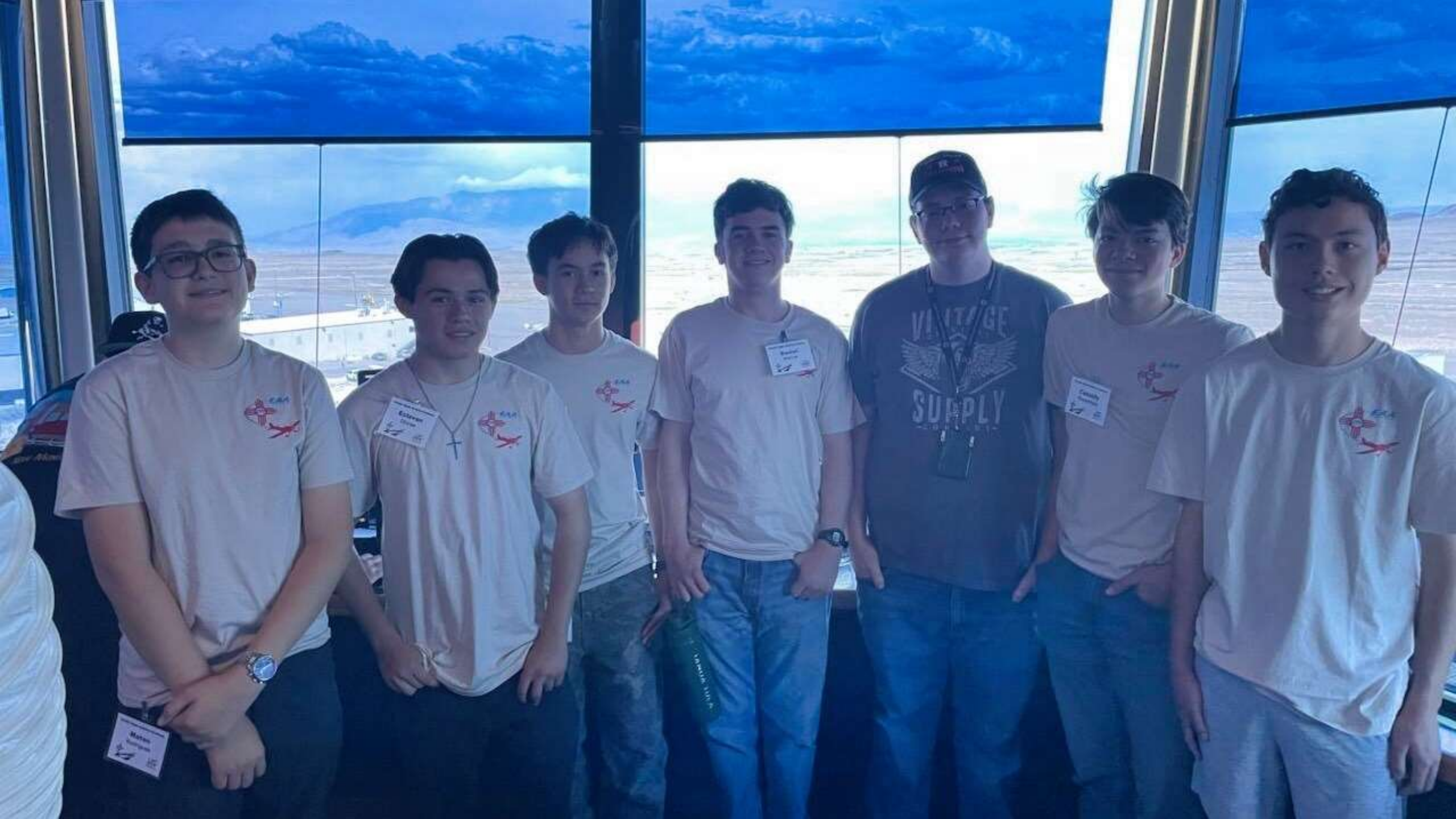


Who am I
who I'm contacting
Where am I
What do I want



Tower









Traffic Pattern













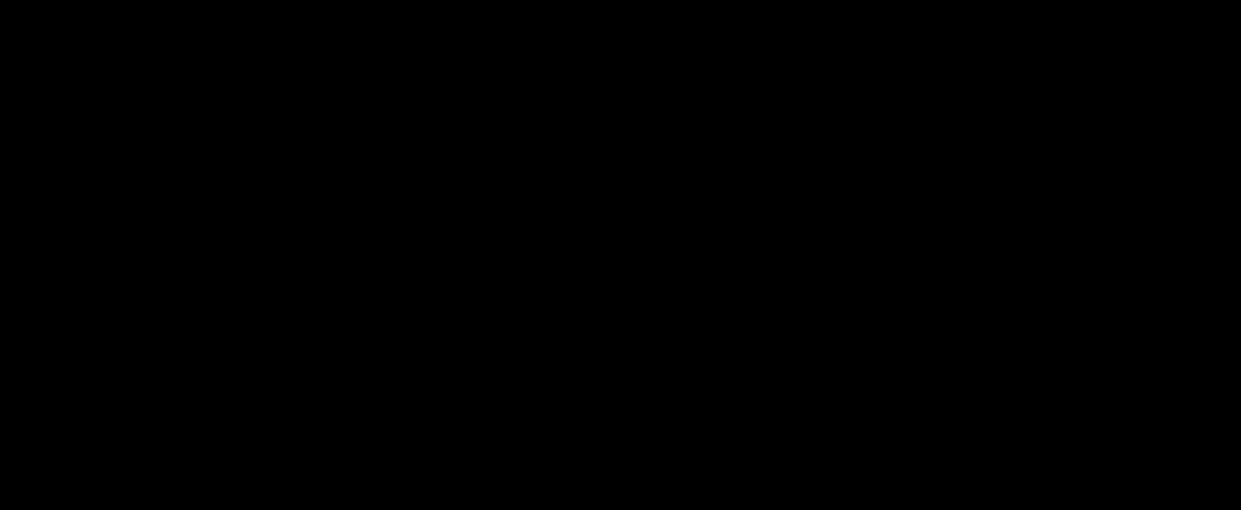






Day 3













ENGINEERING CAREERS





How I actually got here



Step 1: Initial

Step 2: Planning

Step 3: Execution

Step 4: Review



Drones



DRONES

BY: AIDEN BUCKNER





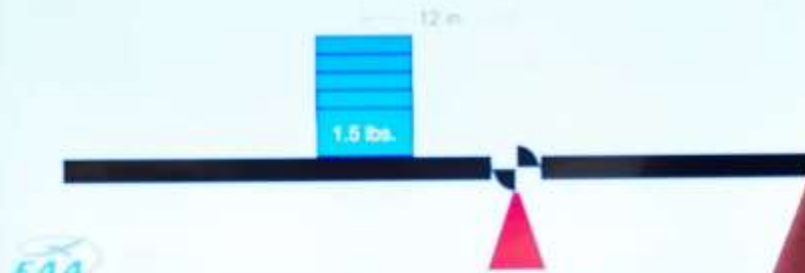
Weights and Balance

Solve the Problem

36 in. X 75 lbs. = 27 in-lbs.

36 in. X 75 lbs. = 27 in-lbs.

12 in. X 1.5 lbs. = 18 in-lbs.



Gliders

If you took off from Las Cruces International Airport in Southern New Mexico in a modern, high-performance sailplane with a 60:1 lift-to-drag ratio, how far could you fly?





If you took off from La
Cruces Intern
Airport in S
Mexico the
high
saw
to
000



If you took off from Las Cruces International Airport in Southern New Mexico in a modern, high-performance biplane with a 60:1 lift to drag ratio, how far could you fly?





Chapter 179 Corporate Sponsors

Thank You!

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Navigation Charts



Isaac







Cassidy
Rosenfield

Logan
Brixen













Day 4

Chile Flight























A photograph of a group of people in a workshop-like setting, focused on playing the video game Sims. In the foreground, a person in a purple hoodie and glasses is looking at a computer monitor. Behind them, a person wearing a grey baseball cap with a gold star emblem is also looking at a screen. Further back, another person is visible, holding a game controller. To the right, an older man in a grey polo shirt and khaki pants stands observing the group. The room has a concrete floor, various tools, and equipment in the background. The word "Sims" is overlaid in large white text in the center of the image.

Sims





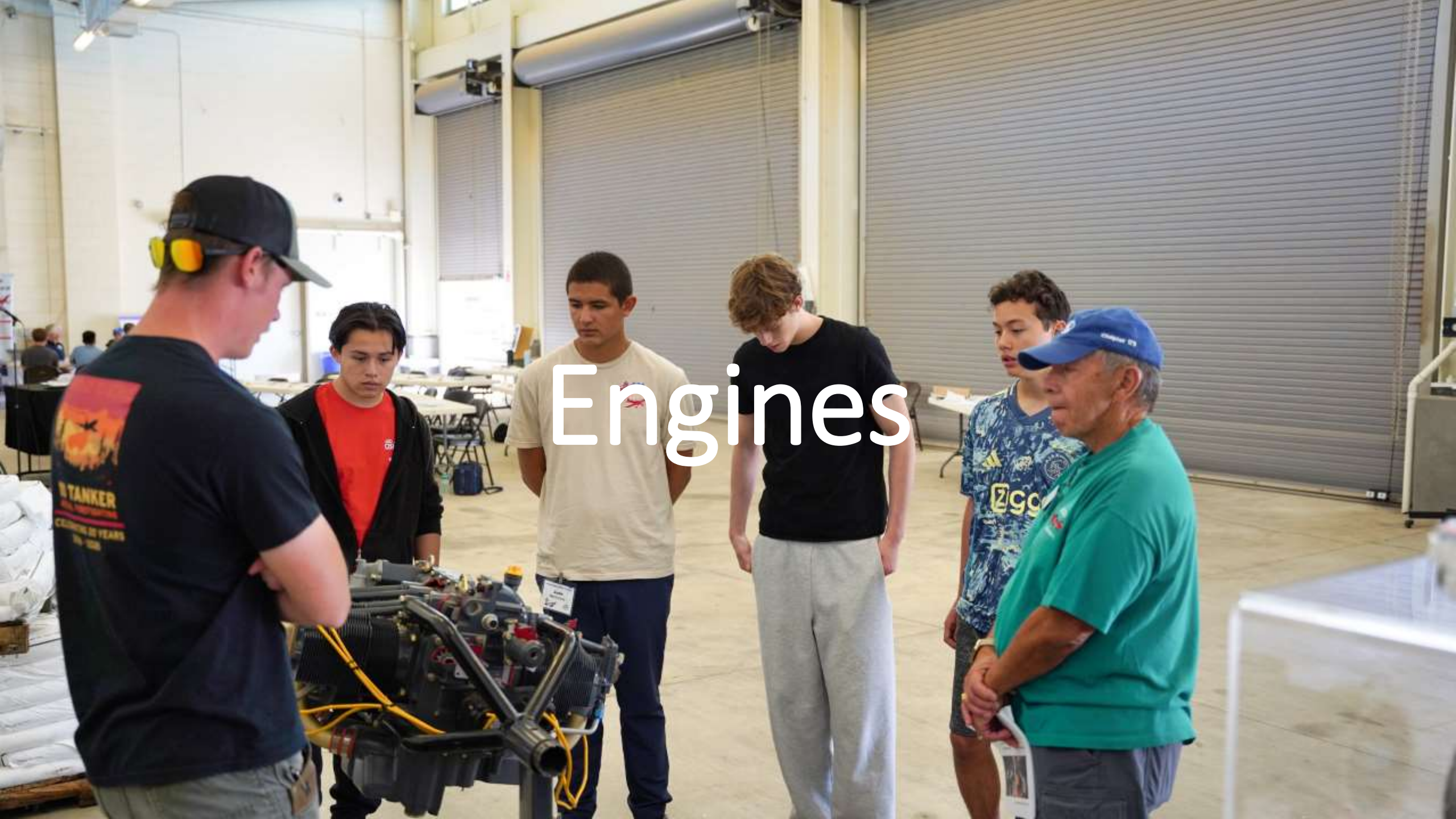








Engines













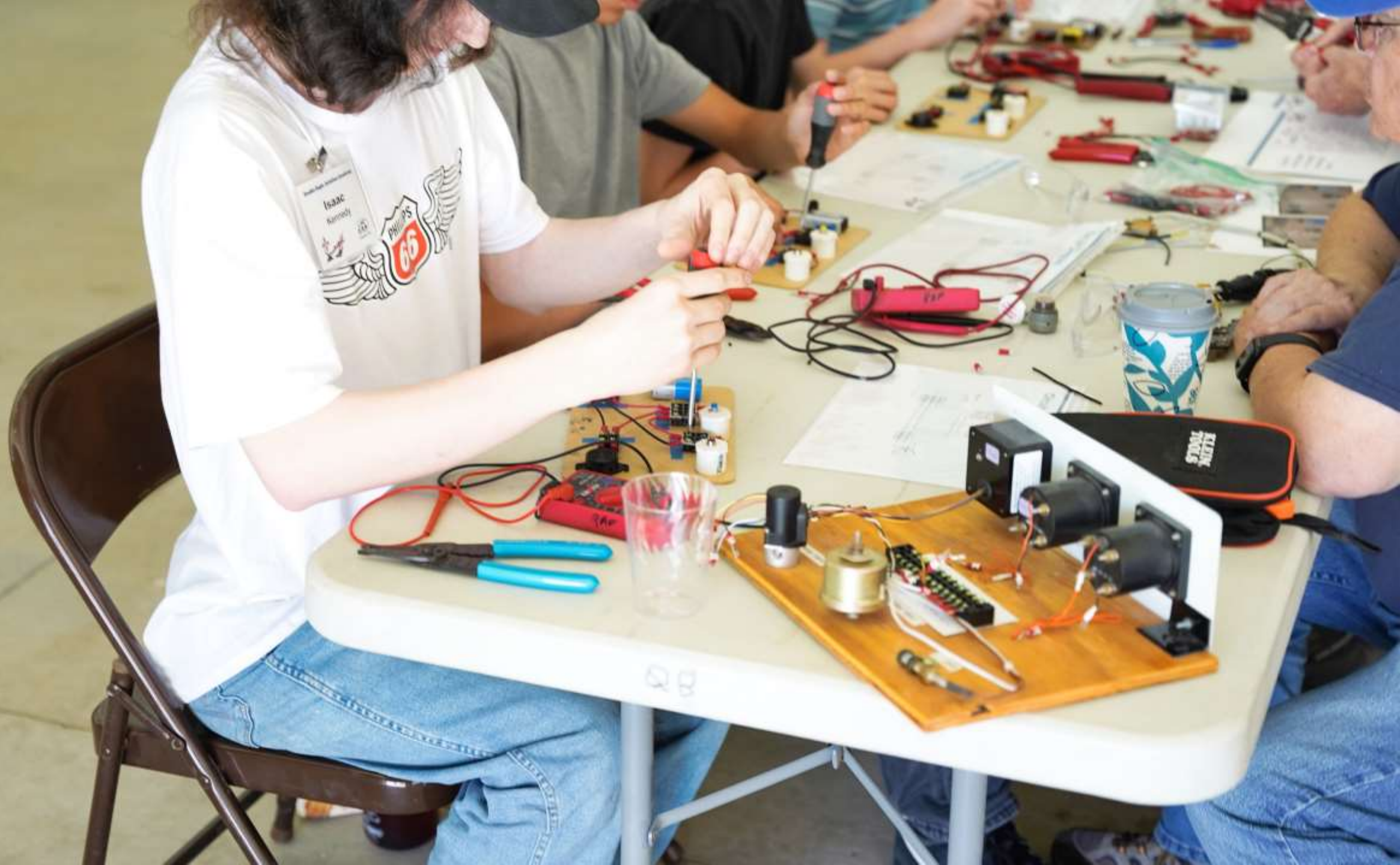


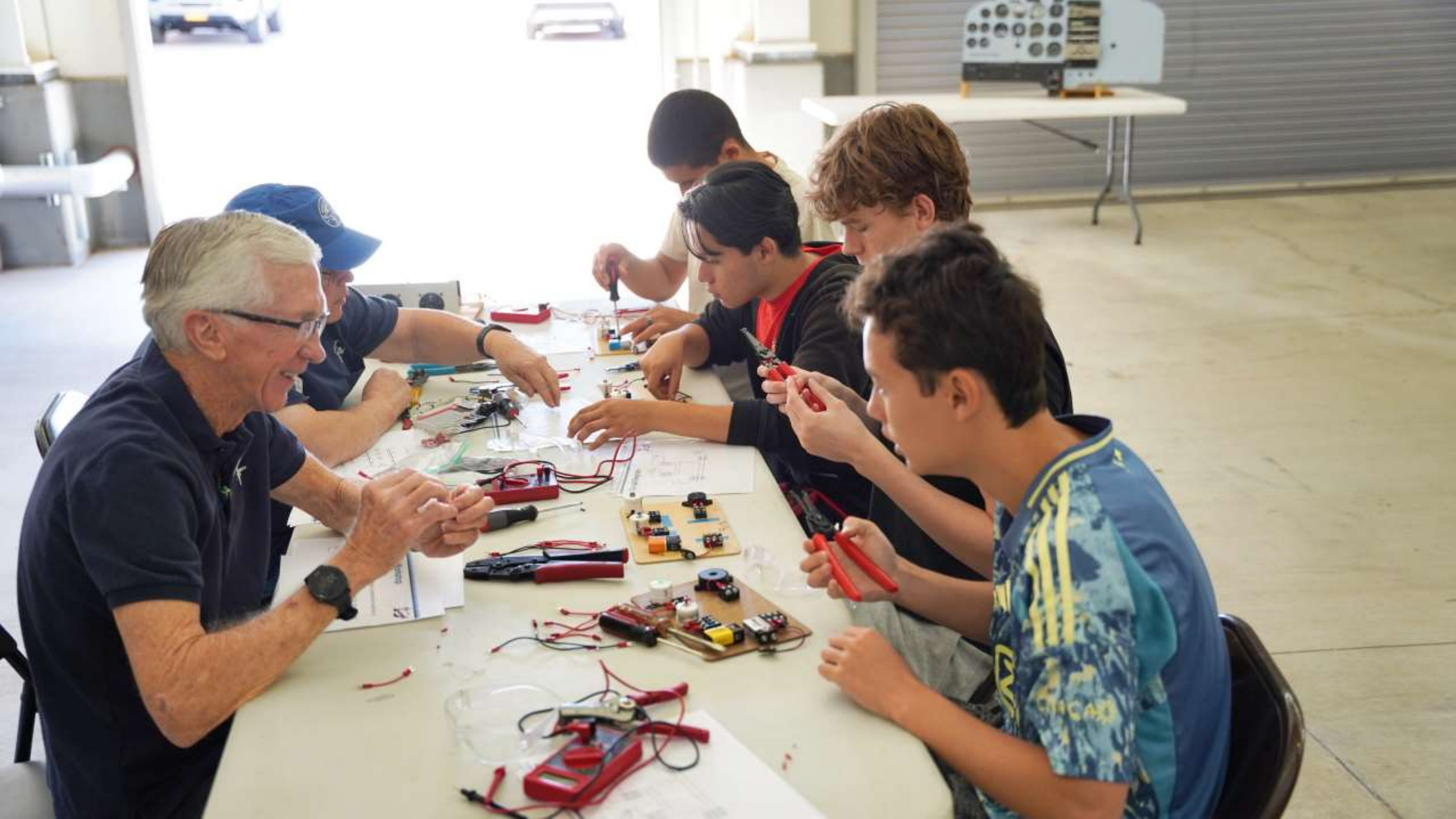


Avionics















Aircraft Building





























Maintenance Career









APD Helicopter





Final Day















A group of approximately 20 people, mostly teenagers and young adults, are posed for a group photo in a large, well-lit industrial or warehouse space. The group is arranged in two rows, with some individuals kneeling or sitting in the front. They are dressed in casual attire, including t-shirts, jeans, and polo shirts. Some individuals are wearing blue polo shirts, which appear to be part of a uniform. The background features high ceilings with exposed structural elements, large windows, and various pieces of equipment and materials scattered around, suggesting a workshop or laboratory environment. The text "Engineering Careers" and "Civil-Airports" is overlaid in large white font across the center of the image.

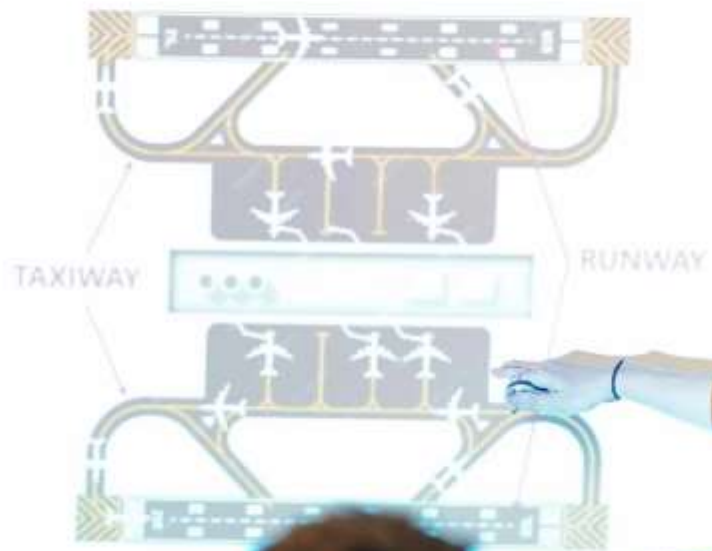
Engineering Careers

Civil-Airports





to an airfield?

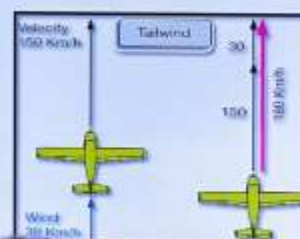
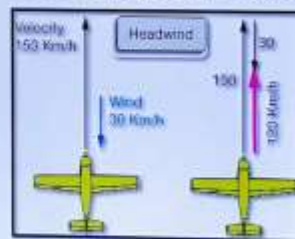


Navigation



Wind Impact on Groundspeed

Direct Headwind or Tailwind



Airspeed (AS) = Speed through the air.
Groundspeed (GS) = Speed over the ground.

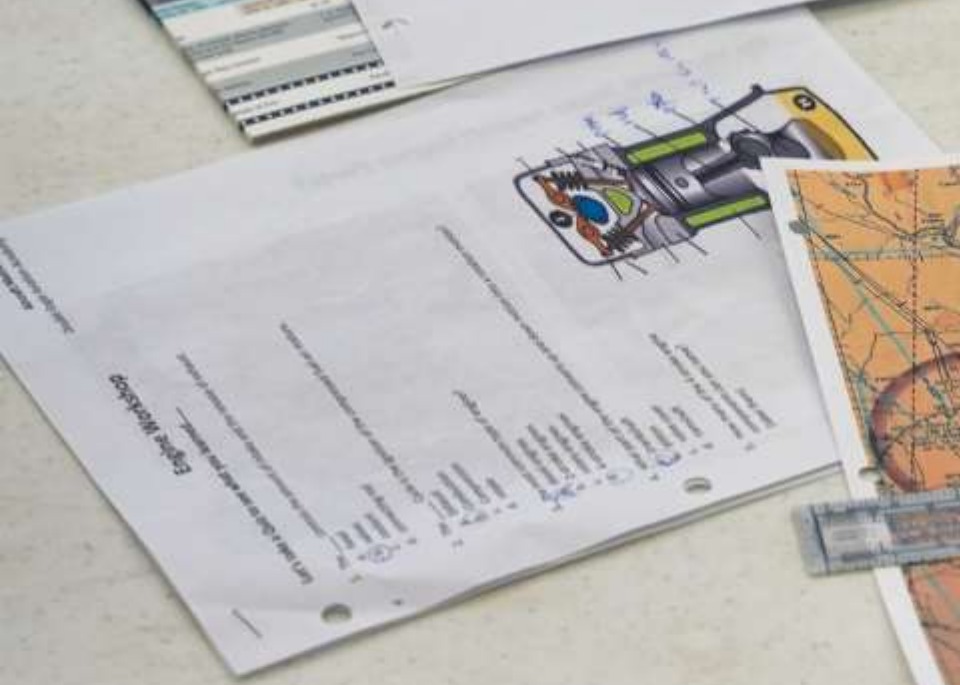




Wind and Heading vs Course

Heading is the direction the aircraft's nose is pointing. It is measured in degrees from true north. Course is the direction the aircraft is actually traveling. It is measured in degrees from true north. Wind is the direction and speed of the air moving. It is measured in degrees from true north and in knots.

28 ft









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For Making 2026 DEAA POSSIBLE!