

ESTABLISHING AN AVIATION LABORATORY OR CLASSROOM

EQUIPMENT LIST

As schools work to develop AOPA classrooms or aviation laboratories, many have asked for advice in the purchase of simulators and other applicable classroom needs. Below, you will find suggestions for products that may be helpful in the development of your aviation laboratories and classrooms.

FLIGHT SIMULATORS

Gleim Aviation

- A. Gleim Virtual Cockpit; Approximate Cost (\$5,000).
- B. Gleim BATD; Approximate Cost (\$7,800). This simulator allows pilots to accrue approximately 10 hours of flight time if a flight instructor is present.

Redbird Flight Simulations

- A. Redbird Jay Velocity with Rudder Pedals; Approximate Cost (\$4,900).
- B. Redbird Interchangeable Desk-Mounted BATD with Rudder Pedals; Approximate Cost (\$8,200). This simulator allows pilots to accrue approximately 10 hours of flight time if a flight instructor is present.

STEM Pilot

Edustation PRO; Approximate Cost (\$8,800). This simulator is often used by JROTC programs.

DRONES/DRONE ARENAS

DJI (May be purchased on Amazon)

- A. DJI Air 2S; Approximate Cost (\$1,000).
- B. DJI Air 2S Fly More Combo includes the drone plus battery charging hub, ND filters set, shoulder bag, two extra batteries & enhanced content creation; Approximate Cost (\$1,300).
- C. DJI Air 2S Fly More Combo plus DJI Smart Controller; Approximate Cost (\$1,750).
- D. DJI Mini 3 Pro; Approximate Cost (\$900).
- E. DJI Mini SE; Approximate Cost (\$300). Requires a tablet or phone to fly.

EMAX

Tinyhawk 2 II RTF Kit FPV FRSKY Camera Racing Drone with Goggles and Controller for beginners; Approximate Cost (\$260).

PITSCO Education

- A. Tello EDU Drone 10 Pack; Approximate Cost (\$2,995). These small drones may be used with the PITSCO drone arena.
- B. Drone Arena 10 x 10; Approximate Cost (\$799).
- C. Drone Arena 10 x 20; Approximate Cost (\$1,399).
- D. Drone Arena 20 x 20; Approximate Cost (\$2,099).
- E. AirTech Scout 2.0 Wind Tunnel; Approximate Cost (\$2,195).

FLIGHT HEADSETS

Amazon

- A. Rugged Air RA200 General Aviation Pilot Headset; Approximate Cost (\$89.99).

Sporty's Pilot Shop

- A. ASA AirClassics HS-1A Headset; Approximate Cost (\$129.95).
- B. David Clark H10-30 Headset; Approximate Cost (\$284.95).

These are just a few of the items that are currently being used by many Oklahoma AOPA schools. The list does not reflect all of the aviation materials available for AOPA curriculum implementation. Be advised that the costs listed above are approximate costs. The prices listed above are subject to change, and shipping prices continue to increase.