

AVIATION TECHNOLOGY

This recommended list is based upon a classroom size of 25 students. All costs are estimated and should be adjusted and verified with current quotes. No specific equipment vendor or brand names are endorsed due to various possibilities, but school districts should consult with stakeholders to ensure industry-recognized equipment and software are purchased. The intent of this list is to provide school districts with guidance on the equipment needed to cover the state standards for an Aviation Technology program.

CLASSROOM EQUIPMENT

TOTAL: \$17,910

QTY	ITEM DESCRIPTION	UNIT	TOTAL
25	Student Workstations w/chairs	\$400	\$10,000
1	Teacher Workstation w/chair	\$400	\$400
1	Teacher Computer (enhanced graphics/memory/storage, download capable)	\$2,500	\$2,500
1	Presentation Equipment (e.g., interactive whiteboard (IWB), or other interactive display system with software and accessories)	\$3,000	\$3,000
1	Networkable Laser Printer (black/white or color)	\$400	\$400
1	Vertical File Cabinet (lockable)	\$330	\$330
2	Storage Cabinets (36" x 12" x 72") (lockable)	\$300	\$600
2	Bookcases (36" x 12" x 42")	\$115	\$230
2	White Boards (4' x 8')	\$110	\$220
1	Fire Extinguisher	\$130	\$130
1	First Aid Kit	\$100	\$100

PROGRAM EQUIPMENT

TOTAL: \$84,100

QTY	ITEM DESCRIPTION	UNIT	TOTAL
25	Student Computers (enhanced graphics/memory/speed, download capable)	\$2,500	\$62,500
1	Technology Storage/Charging System (optional)	\$2,000	\$2,000
2	Flight Simulators	\$3000	\$6,000
2	Rudder Simulators	\$550	\$1,100
25	Simulator Packages (add on for computer simulators including software, rudders, throttles, etc.)	\$500	\$12,500

INSTRUCTIONAL MATERIALS

TOTAL:

\$5,500

QTY	ITEM DESCRIPTION	UNIT	TOTAL
25	Student Textbooks (Approved by NDE)	\$100	\$2,500
1	Teacher Textbook Edition and Resources	\$500	\$500
1	Charts, maps, and flight planning resources	\$1,000	\$1,000
25	Flight simulator software	\$60	\$1,500

INSTRUCTIONAL SUPPLIES

TOTAL:

\$3,550

QTY	ITEM DESCRIPTION	UNIT	TOTAL
25	E6B Metal Flight Computer & Plotter	\$50	\$1,250
Varies	Office Supplies (chart paper, paper, files, etc.)	\$500	\$500
Varies	Small hand tools (screw drivers, pliers, multi-tools, Allen wrench/hex key sets, etc.)	\$500	\$500
Varies	Small hand tools (drills, driver, grinder, etc.)	\$1,000	\$1,000
Varies	Personal Protective Equipment (PPE) (gloves, glasses/goggles, etc.)	\$300	\$300

OTHER

TOTAL:

\$0

QTY	ITEM DESCRIPTION	UNIT	TOTAL
N/A	No Other	\$0	\$0

CATEGORY TOTALS:

CLASSROOM EQUIPMENT	\$17,910
PROGRAM EQUIPMENT	\$84,100
INSTRUCTIONAL MATERIALS	\$5,500
INSTRUCTIONAL SUPPLIES	\$3,550
OTHER	\$0
ESTIMATED PROGRAM TOTAL	\$111,060