

A photograph of a modern, single-story building with large glass windows and doors. The building is light-colored with a dark roof. A young tree is planted in a concrete planter in the foreground. The image has a semi-transparent white overlay at the bottom.

 **CAREER TECHNICAL
EDUCATION CENTER**
Learning That Works

CTEC Expansion

Growing the Competitive Advantage

Serving More Students & Reducing Workforce Shortages



The Current Specs on CTEC

- 10 programs, 1000 student capacity
- Demographics closely mirror the district as a whole
 - 37% Hispanic
 - 4% Native American/Alaska Native
 - 4% Black/African American
 - 3% Pacific Islander/Hawaiian Native
 - 4% Asian
 - 6% Two or More Races



The Current Specs on CTEC

- 15% of students receive support for their disabilities
- 29% current or former English Learners
- 10% Talented and Gifted



Current Results

- Graduation rates between 98 – 100% each year (99.7% in 2022)
- 92% Positive placement rate of alumni
 - Skilled Workforce
 - Trade/Apprenticeship Programs
 - Community College
 - 4 Year University
 - Military



Drones and Aviation at Salem Municipal Airport

Program Concept and Initial Research



Rationale

Current employee pipelines and training facilities for pilots are only meeting an estimated 38% of industry needs to keep aviation staffed at prior service levels.

-U.S. Department of Transportation

“The staff shortages mean that we are struggling to operate our planned schedule with the quality and punctuality we promise. This creates safety concerns as well.”

-International Air Transport Assoc.



Drones and Aviation Program Vision

To provide students with a hands-on opportunity to become fully immersed in the aviation industry with a high-tech, cutting-edge CTEC program located at the Salem Municipal Airport.

On site activities include shadowing in the control tower, assisting with fueling and hospitality, engaging with search and rescue, flying in the simulator, and experiencing the aviation mechanic shop.



Drones and Aviation Program Outcomes

- Career exploration and exposure (drones, aviation, aerospace)
- Hands-on learning with transferrable technology skills
- Foundational first year curriculum, second year specialization
- Possible certification areas (FAA Part 107, FAA Part 61 Ground School, Airframe & Powerplant)



Drones and Aviation Program Benefits

- Bolster recruitment and expand opportunities beyond current drone program offerings
- Fill much needed workforce shortages in aviation/aerospace, push the cutting edge of electrical aircraft development, and increase equity of aviation opportunities with free education
- Create space within current CTEC building for additional programming – thinking about mental health focused program



Overview of Prospective Location

FOR SALE

3080 25TH ST. SE, SALEM

\$1,875,000



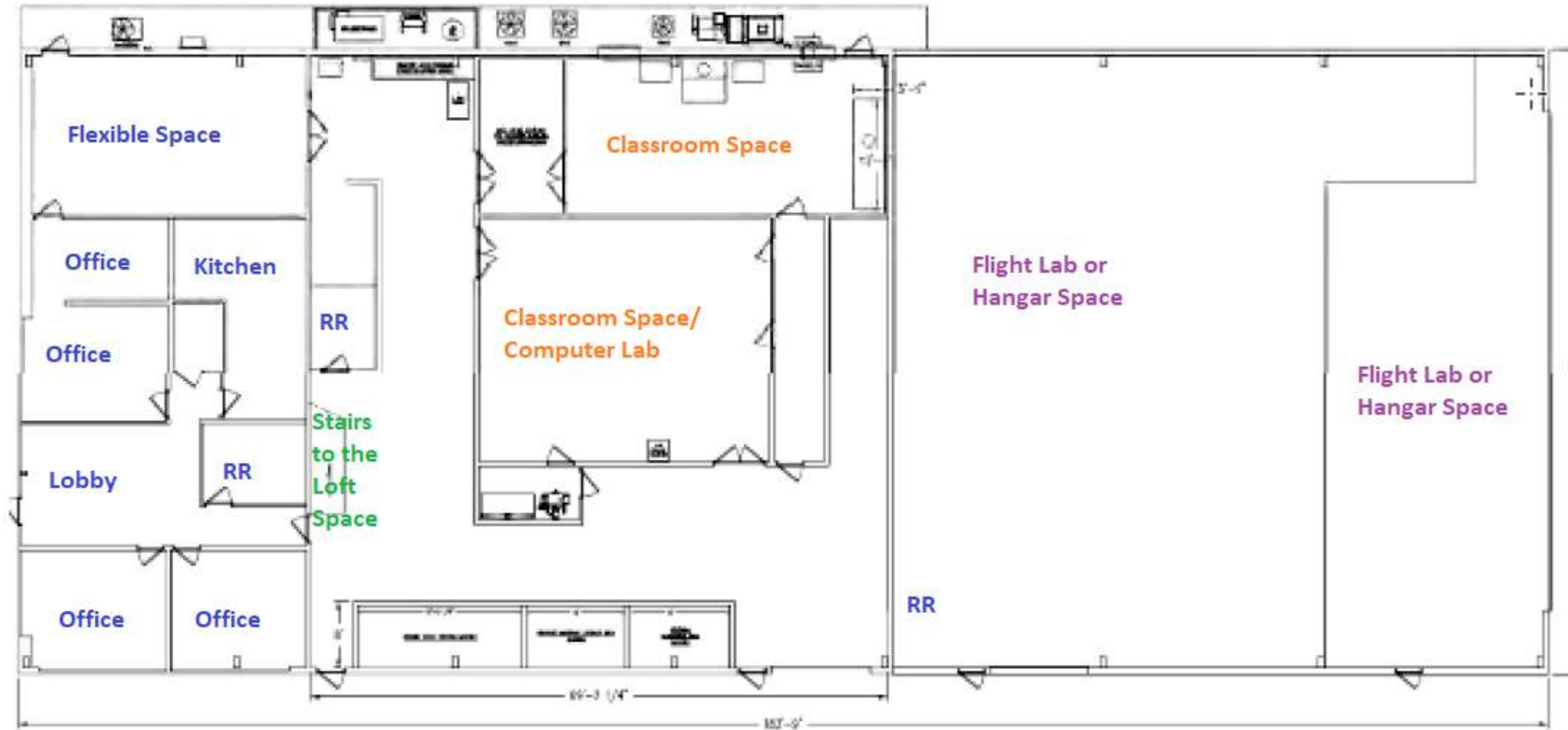
Specs on Prospective Location

- 16,590 sq. ft. building
- \$110/sq. ft.
- Located on McNary Field (near 25th and Madrona)
- Space configuration already compatible with proposed use



Floor Plan of Prospective Location

FLOOR PLAN



Initial Research on Prospective Location

- Equipped with full sprinkler system
- Zoned to permit K-12 education
- Parking is limited and needs conversation with city
- Building for purchase, but land lease (current lease through 2038)
- Fire alarm system likely in need of expansion



Estimates and Remaining Questions on Prospective Location

- Estimated \$1.0 to 1.525 M for renovations
- Land lease currently \$13K/year
- Zoning OK, waiting on Occupancy/Use requirements
- Bathroom/occupant ratio – need additional restrooms



Perceived
Challenges
and
Potential
Solutions

- Staff support on site – CTE Dept.
- Transportation & Food Services – Shared
- Custodial Support – Partial
- Purchase Price – HSS rollover funds permitted per ODE
- Building Improvements – HSS rollover plus city support and grant options
- FTE – CTEC/HSS/Other



Initial
Interest
and
Potential
Stakeholders

- Mayor and City Planner
- Alaska Airlines and ASCEND Partnership
- Airport Manager
- Airport Businesses
 - Flite Wing
 - Salem Air Center
 - Garmin
 - Crazy Pilot (sim and parts co.)



Summary
of
Proposed
Expansion

- Provide CTEC experience for more Salem-Keizer students
- Relocate Drone Technology to the Salem Municipal Airport and add Aviation
- Strengthen partnerships in the public and private sectors while reducing severe workforce shortages
- Create career pathways in aviation for underrepresented demographics





Questions?

CTEC Expansion
Growing the Competitive Advantage