



AEROHUB

"FUELING OHIO'S ECONOMY"

LOCATION, PURPOSE, BENEFITS





Mission

A142/UNIT 4

STBD

CREATING AVIATION'S FUTURE

AeroHUB is an ***advanced manufacturing and aerospace accelerator*** located in SW Ohio—the birthplace of flight. It strategically ***co-locates*** highly skilled designers, engineers, manufacturers, researchers and educators and equips them with integrated design thinking and advanced digital manufacturing systems—making ***first-run production*** and full industrialization innovations more ***efficient and affordable***.

And this is essential to ***fueling our region's economic development***. By increasing the number of products—along with their value, sales and profits—Ohio's economy, jobs and tax base grow exponentially.

But most important, AeroHUB is committed to ***educating and up-skilling*** new and current personnel on rapidly evolving systems and processes, ensuring nobody is left behind, and everyone is prepared for the future, before it arrives.



Background & Objectives



Background

State of Ohio

- \$10 billion annual investment in aerospace R&D
- 17% of total U.S. employment in aviation and aerospace located in Ohio
- #1 U.S. supplier to both Boeing and Airbus
- More than 1,200 private companies in the aerospace & defense industry
- Directly employs over 130,000 full-time aerospace and aviation employees
- PricewaterhouseCoopers ranked Ohio No. 3 in overall attractiveness for aerospace manufacturing and No. 1 in overall industry

Southwest Ohio Aerospace Region (SOAR)

- 400-plus industry-related companies line the Cincinnati-Dayton corridor
- Home to Wright-Patterson Air Force Base and GE Aviation
- A top 15 region in U.S. for aerospace products & parts manufacturing
- SOAR was one of 12 regions awarded a federal “advanced manufacturing” designation

Project Uniqueness

Innovating for the Workers of Tomorrow

- Additive Manufacturing & Aerospace Focus
- Advanced Manufacturing Workforce Skill Center
- Business Incubator & Accelerator
- Complete suite and showroom of AM equipment under one roof
- Design (i.e. STEM to STEAM... adding Arts & Design to Science, Technology, Engineering and Math)

Project Objectives

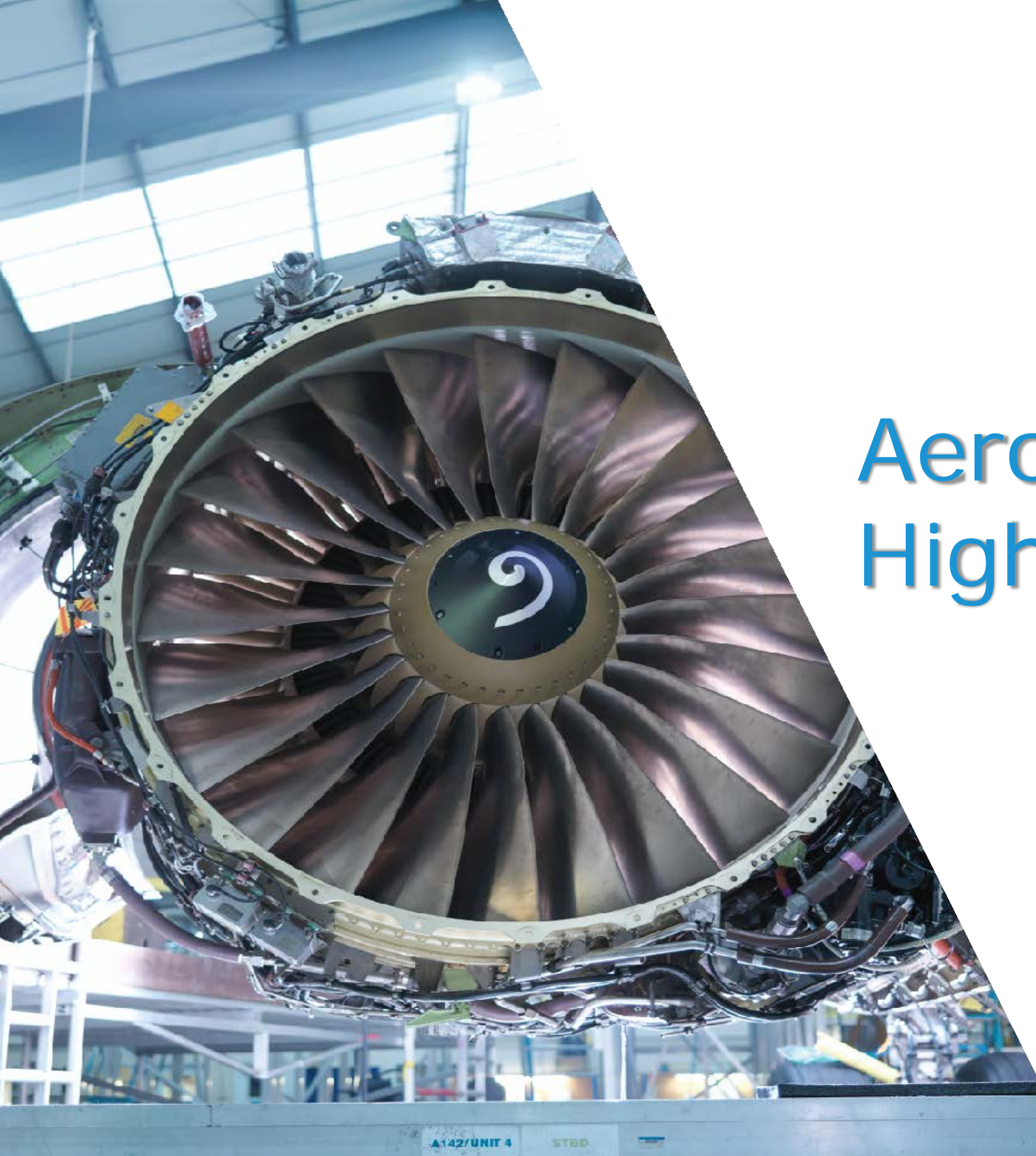
AeroHUB

- Leverage Federal Advanced Manufacturing Designation
- Public & Private Collaboration
- Commercialization of University and Higher Education Research
- Retention of Jobs and Companies (i.e. GE Aviation)
- Attraction of new Jobs and Companies to the Region
- Creating an Innovation Ecosystem for Advanced Manufacturing

Location Advantages

Evendale, Ohio

- The heart of SOAR
- Adjacent to GE Aviation, world’s leading provider of aircraft engines
- Suppliers will have the advantage of being close to many potential customers, including Wright-Patterson Air Force Base
- 50,000 scientists and engineers within a 50-mile radius
- Adjacent \$92,300,000 widening and reconstruction of I-75 from Shepherd Lane to Glendale Milford Road
- Evendale is a main connection point for OARnet, the 100 Gbps network throughout Ohio

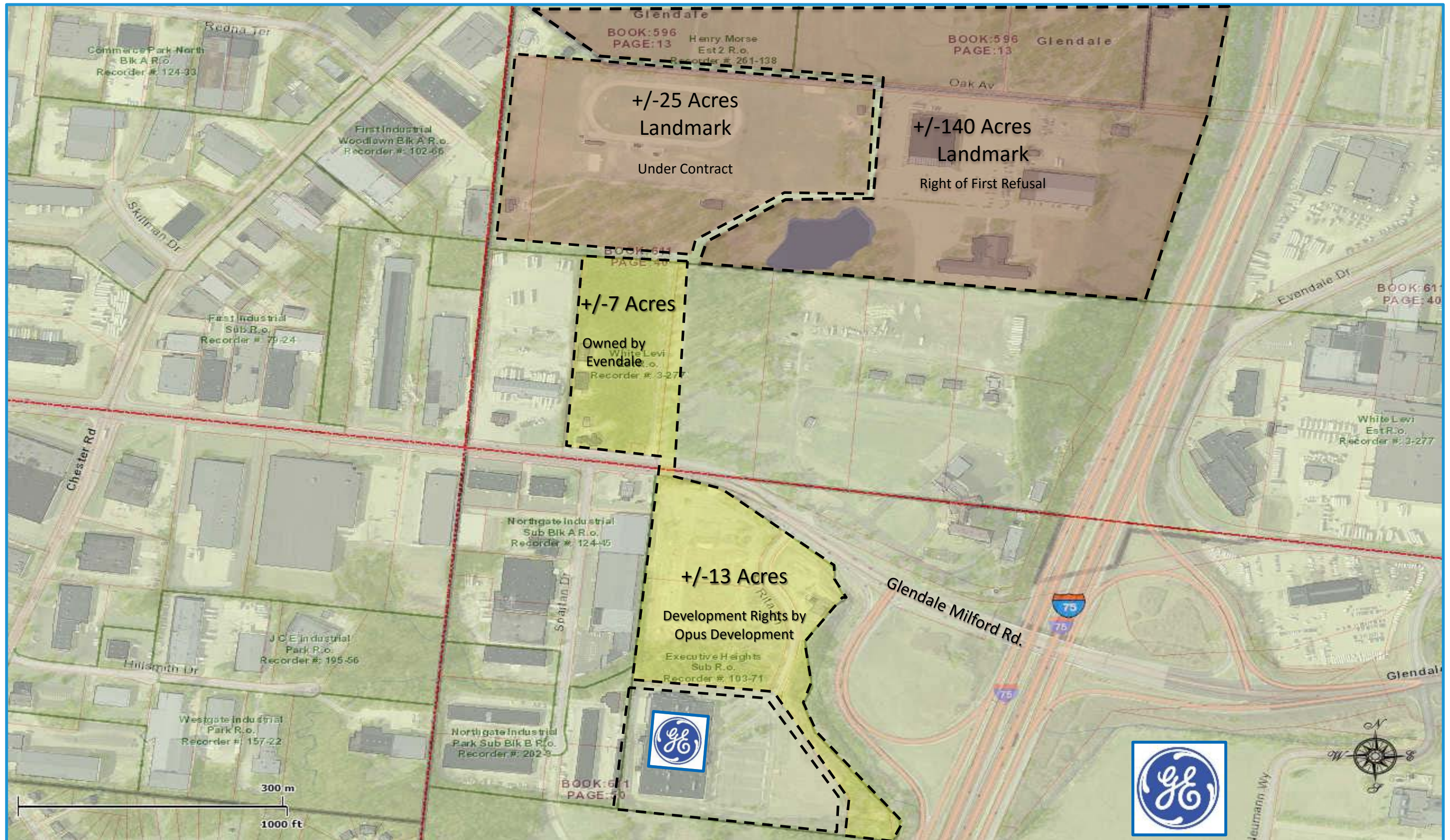


AeroHUB Progress Highlights



Village of Evendale Owned & Controlled Properties

Property Acquisitions



Landmark Acquisition

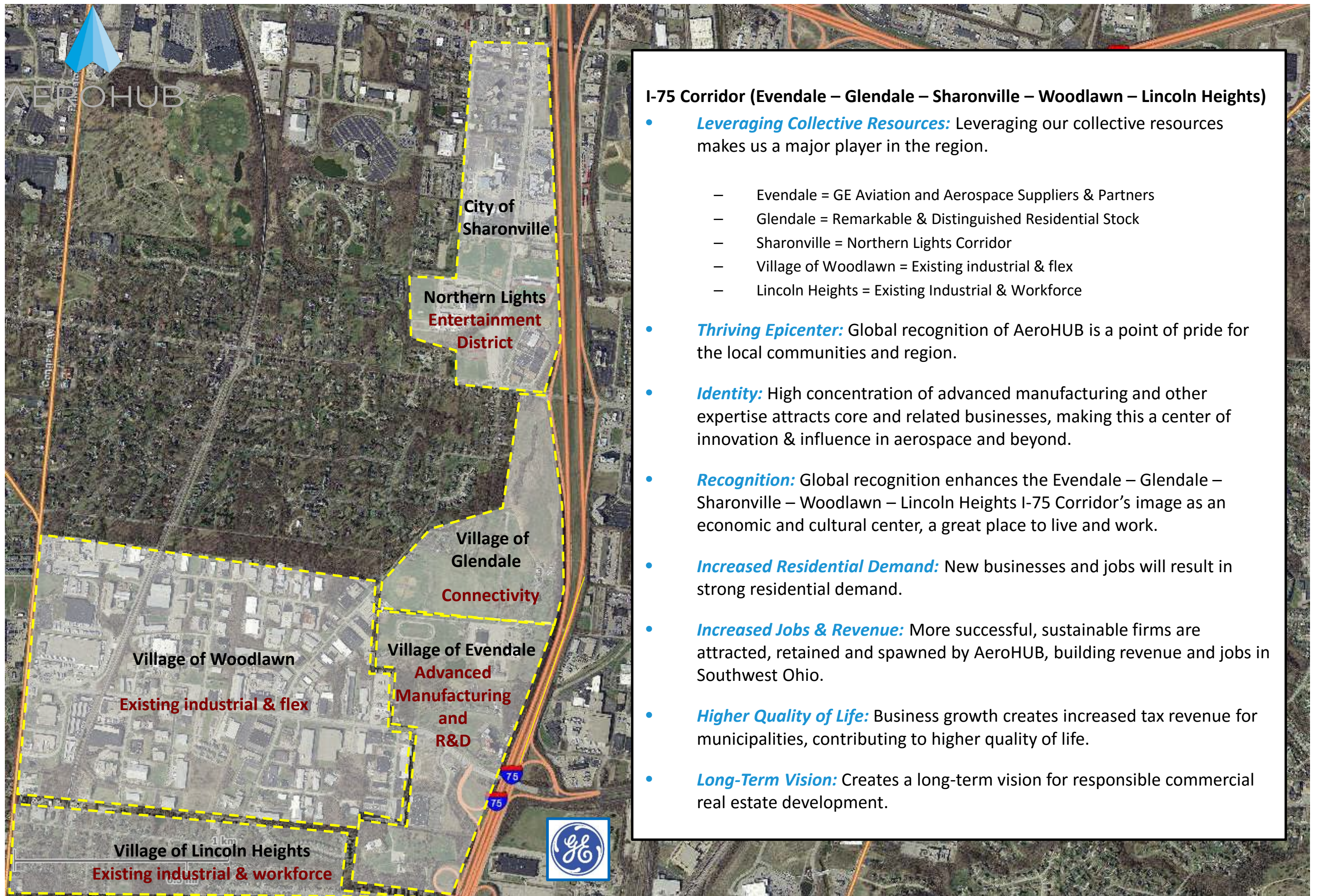


Property Acquisitions





Community Support



I-75 Corridor (Evendale – Glendale – Sharonville – Woodlawn – Lincoln Heights)

- **Leveraging Collective Resources:** Leveraging our collective resources makes us a major player in the region.
 - Evendale = GE Aviation and Aerospace Suppliers & Partners
 - Glendale = Remarkable & Distinguished Residential Stock
 - Sharonville = Northern Lights Corridor
 - Village of Woodlawn = Existing industrial & flex
 - Lincoln Heights = Existing Industrial & Workforce
- **Thriving Epicenter:** Global recognition of AeroHUB is a point of pride for the local communities and region.
- **Identity:** High concentration of advanced manufacturing and other expertise attracts core and related businesses, making this a center of innovation & influence in aerospace and beyond.
- **Recognition:** Global recognition enhances the Evendale – Glendale – Sharonville – Woodlawn – Lincoln Heights I-75 Corridor's image as an economic and cultural center, a great place to live and work.
- **Increased Residential Demand:** New businesses and jobs will result in strong residential demand.
- **Increased Jobs & Revenue:** More successful, sustainable firms are attracted, retained and spawned by AeroHUB, building revenue and jobs in Southwest Ohio.
- **Higher Quality of Life:** Business growth creates increased tax revenue for municipalities, contributing to higher quality of life.
- **Long-Term Vision:** Creates a long-term vision for responsible commercial real estate development.



AeroHUB Benefits

Benefits

Aerospace Industry

- **Greater Revenues & Profits:** Growth in number, rate, speed, and value of products brought to market builds firms' revenues and profits.
- **Network Proximity & Accessibility:** Local access to full resources and major customers builds knowledge, efficiency, and relationships.
- **Workforce Development:** Partnerships with universities provide highly educated personnel and upskill current employees, so no one is left behind.
- **Innovation:** University research, advanced manufacturing and state-of-the-art facilities combine to drive innovation.
- **Nearby Federal Advanced Manufacturing Focus:** America Makes, LIFT & Oak Ridge National Laboratory based advanced manufacturing focus creates center for applied research, technology incubation, and industrialization.

Business Community

- **Aerospace Innovation:** R&D, design, education & upskilling partnerships with UCRI & Cincinnati State provide expertise and personnel to create next generation aerospace innovation.
- **Existing Business Enhancement:** New firms, technologies, & workers build demand for existing commercial design, engineering, manufacturing, marketing and training businesses.
- **Spinoff Technologies & Materials:** Aerospace spawns technologies and materials used in other industries, creating myriad growth opportunities.
- **Region's Image:** Global recognition of AeroHUB enhances the region's image as a thriving economic and cultural center; a great place to learn, live and work.
- **Ground Up Innovation:** Makers lab for ground up innovation

Advanced Manufacturing Industry

- **Increase Revenue:** Ability to increase the number and value of new products being brought to market will increase revenue for participating businesses.
- **Business Growth:** Businesses will be connected to Local, Regional, State and Federal resources to support their growth in the region.
- **Upskilling:** Partnerships with universities will create a stream of well-trained workers, while re-training the current workforce creating a seamless transition, where nobody is left behind.
- **Supplier & Client Recruitment:** Access to university research initiatives, additive technology manufacturers and their equipment and state-of-the-art facilities will bolster the recruitment of world-class suppliers and clients.
- **Additive Manufacturing:** AeroHUB adopts the AmericaMakes focus on additive manufacturing innovation to create a world-class center for applied research, technology incubation, and commercialization.
- **Collaboration:** Increased collaboration with university research and aerospace businesses builds intellectual property and increases the commercial viability of research.

Local Community & General Public Benefits

- **Economic Development:** More successful, sustainable firms are attracted, retained and spawned by AeroHUB, building revenue and jobs in Southwest Ohio.
- **Community Benefits:** Beyond aerospace jobs & revenues, benefits include:
 - higher real estate property values
 - additional tax revenue
 - improved infrastructure
 - increased school funding
 - lodging, entertainment & public facilities