

LEAVING A LEGACY: SUSTAINING IMPACT AFTER GRANT FUNDING CONCLUDES



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AGENDA

- 1. Overview of the EPILOGUE study (5 min)**
- 2. Hearing examples of sustained impact (25 min)**
- 3. Audience discussion (20 min)**

WHAT IS THE LEGACY OF ATE CENTERS ONCE GRANT FUNDING SUNSETS?

- **Bio-Link**
- **CARCAM**
- **Center for the Advancement of Process Technology (CAPT)**
- **CSSIA, CYBERWATCH, CYBERWATCH WEST**
- **Midwest Center for Information Technology (MCIT)**
- **SpaceTEC**
- **South East Advanced Technology Education Center For Communications Technology (SEATEC) & Tennessee It Exchange Center**

EMERGENT THEMES

- **Interorganizational partnerships**
- **Proven quality of the innovation**
- **Strategic vision allows for responding to opportunity**
- **Flexibility/adaptability**
- **Leveraging an external professional organization**
- **Alignment with the institutional mission**
- **Creating an external entity**
- **Resource matters**

MCIT: BUILDING A NETWORK

TOM PENSABENE



MCIT: BUILDING A NETWORK

- **Neutral lead organization**
- **Pivot vs. persevere**
- **Time and effort**
- **Building trust**
- **The right people**
- **Financial resources**
- **Product and processes**

MCIT: SUSTAINED IMPACT OF THE NETWORK

- **Other work following the model**
- **Relationships**

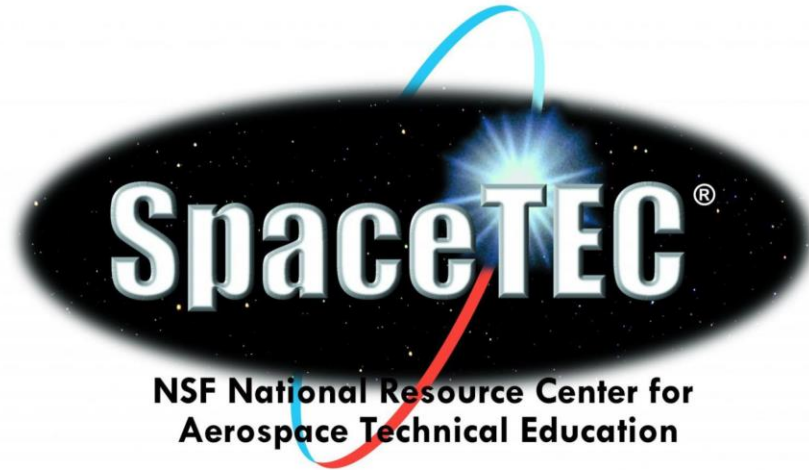
CARCAM: INSTITUTIONALIZATION THROUGH STATE SUPPORT

BEVERLY HILDERBRAND



TRANSITIONING FROM EDUCATION TO CERTIFICATION AGENCY

STEVE KANE



WHY SPACETEC IS IMPORTANT:

- **Leveraged nearly \$20M in ATE grant funding throughout the nation over 17 years building a robust educational and workforce development resource**
- **Support for a variety of disciplines:**
 - Advanced Manufacturing
 - Aerospace
 - Aviation
 - Commercial space
 - Military
 - Education (colleges, technical training centers, high schools)
- **Creating talent pipelines of qualified technicians:**
 - Job Task Analyses
 - Curriculum development
 - Instructor professional development
 - Credentialing
 - Apprenticeships

HOW DID WE GET THERE?

- Planned for scale from the start
- Partners played a key role
 - Education, industry, government, space
- Change in space industry drove change in Center focus
- Sustainability comes in many forms
- Money matters!



STRATEGIC PLANNING

1. Establish credibility:

- FL State non-profit (2005)
- ISO Accreditation and FAA Safety Approval (2011)
- IRS 501(c)3 (2016)

2. Build on core business:



- SpaceTEC® – Certified Aerospace Technician® (2005) performance based certifications for space (spacecraft manufacturing, integration and launch processing)
- CertTEC® (2010) – performance based certifications for aviation and advanced manufacturing (Avionics, Aircraft Assembly, Composites, Electronics, Aircraft Structures)
- Credential Testing Services™ (2016) – third-party testing through Questionmark Assessment Management System (AMS) (ASTM/NCATT, Secondary Schools, ATE Centers)
- Consulting (2017) – workforce development (Job Task Analyses, curriculum and coursework development, instructor professional development, pre-employment screening, incumbent worker promotion pathways, apprenticeships)



**SPACETEC
PARTNERS,
INC. (SPI)**

SUSTAINABILITY

- **Focus on what's working:**
 - Education partners
 - SpaceTEC, CertTEC and ASTM standards drive curriculum
 - Third-party credentials
 - US Army OEMTD (Ordnance Electronics Maintenance Training Division)
 - US Navy ATT (Apprentice Technical Training)
 - ASTM International (Aviation and Nanotechnology)
 - SAE Performance Research Institute (ACAS)
 - Applied Skills Inventories (ASIs)
 - Employment screening and pre/post testing
 - Third-party testing
 - CBT and performance-based end-of-course testing for high schools

DISCUSSION TIME!



CONTACT US!

Submit your story of sustained impact!



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