

William J. Hughes Technical Center



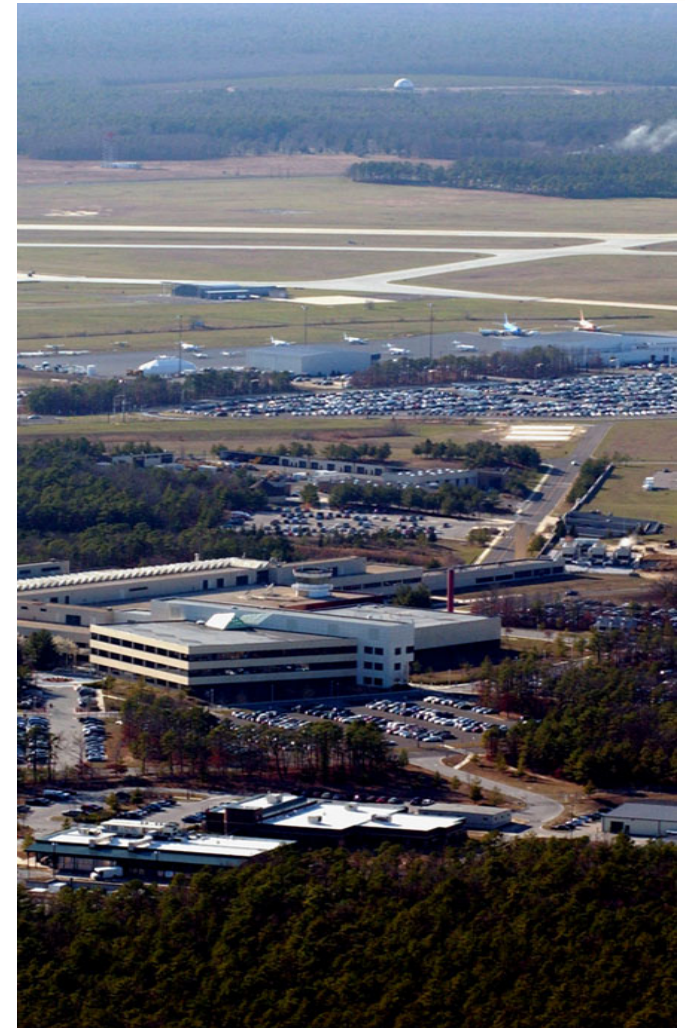
Presented to: Verification and Validation Summit
By: Shelley J. Yak, Director WJH Technical Center
Date: September 14, 2016

FAA William J. Hughes Technical Center

Supports the advancement of the Next Generation Air Transportation System by

- Being the nation's leading federal laboratory for Research, Development, Test, and Evaluation
- Integrating systems and capabilities through collaboration with Industry, Academia, and Government

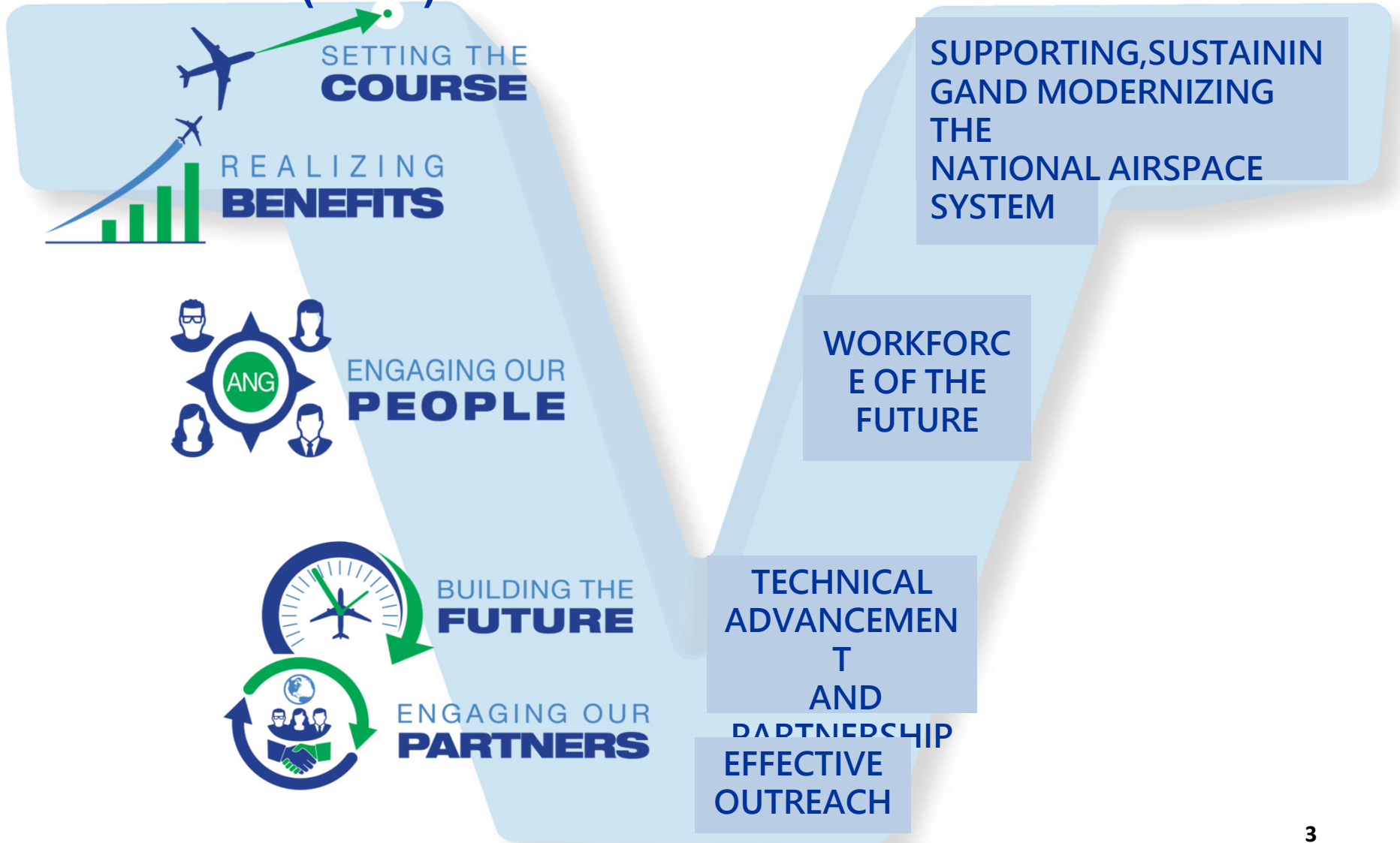
Provides the gateway for National Airspace System upgrades, improvements, and operational sustainment



Strategic Priorities and Focus Areas

NEXTGEN (ANG)

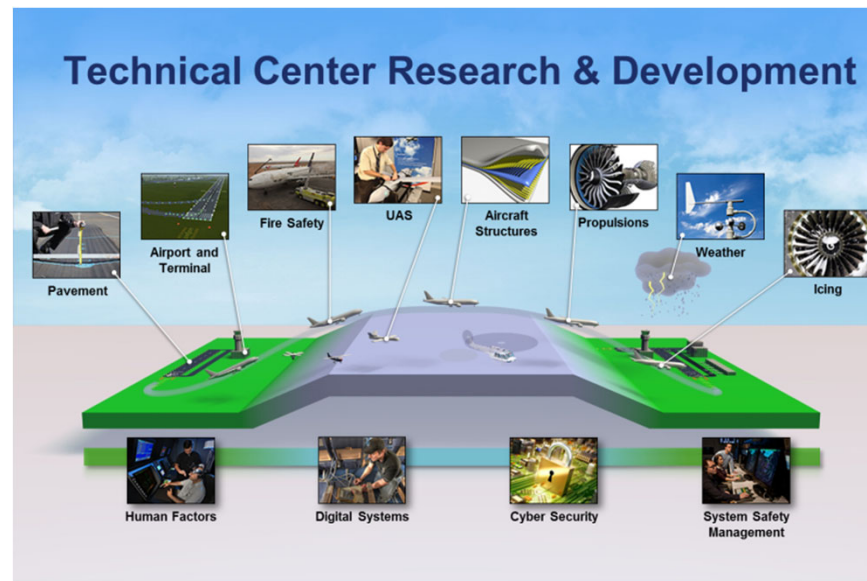
WJHTC



Supporting, Sustaining & Modernizing the NAS



- NAS Capability Test Strategy
- Test programs: DATACOMM, ABRR, GIM-S, & TSAS
- Model Based System Engineering
- Agile Development



Maintaining a Workforce of the Future

How do we?

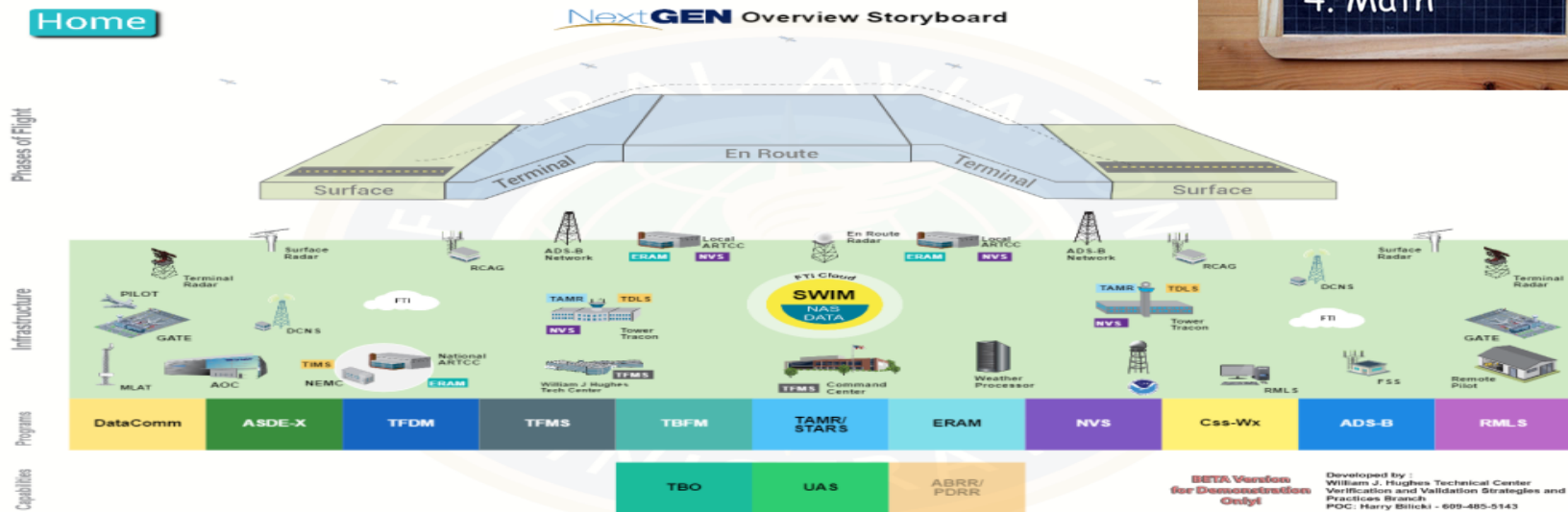
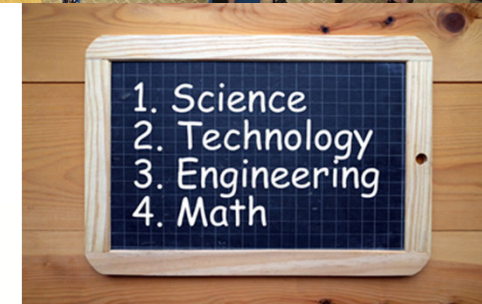
- Strategically recruit
- Strategically retain
- Renew our workforce and capabilities



Educate and Inform through Effective Outreach

WJHTC the “go to place” for integrated aviation solutions

Communicate capabilities and showcase work to industry, academia and government



Strategic Positioning through Technical Advancements and Partnerships

Build relationships

Explore current and emerging technologies

Aeronautical and Technical Center Leadership Team



Ben Chams - Fotolia



Tomorrow's Leader in Global Aviation Innovation



“The right things done right”

Technical Advancement, Workforce Development,
Partnerships, Outreach

CONTEMPLATING INTERRELATIONSHIPS

PLANNING FOR COMPLEXITIES EARLY

SHIFTING LEFT:

CONCEPT & REQUIREMENTS DEVELOPMENT
VERIFICATION & VALIDATION