

TASK# HF-015: EFFECTIVE TRAINING AND CHECKING METHODS FOR THE EMERGING PILOT WORKFORCE

PROJECT AT-A-GLANCE

- UNIVERSITY: Auburn University
- PRINCIPAL INVESTIGATOR(S): James Birdsong, PhD
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- INDUSTRY PARTNER(S): Virtual Flight Academy, Delta Air Lines

RELEVANCE TO TECHNICAL TRAINING AND HUMAN PERFORMANCE

- Provide scientific and technical data on effective training and checking methods for the current and projected pilot workforce, with emphasis on pilot information management, decision-making, command judgment, and flight path management.

STATEMENT OF WORK

- Assess current practices and learning methods for current and next generation of pilots.
- Provide scientific and technical data to support recommendations for training the emerging pilot workforce.

Emerging Pilot Workforce



STATUS

- OCT 2019 – OCT 2021
- COVID-19 Impact ... NCE

FUTURE WORK

- Complete Lit Review
- Develop Experiment
- Execute and Evaluate Experiment
- Develop Recommendations