

# COE TTHP 5<sup>th</sup> Annual Virtual Administrative Meeting

Unmanned Combat Flight Inspection 2025

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**Center of Excellence for  
Technical Training &  
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# Project Purpose

- Create Plan to establish UAS NAVAID Calibration & Inspection Capability by 2025
- Tailor to meet the specific needs of DOD for OCONUS



# Project Goals

- Gain awareness of state-of-the art NAVAID Calibration and Inspection Systems
- Finalize requirements for UAS component of NAVAID Calibration & Inspection Capability
- Survey emerging capability for relevant UAS capabilities
- Create 2025 plan to obtain Unmanned Combat Flight Inspection capability

# NAVAID Systems

- ILS
- TACAN
- PAR
- Visual



# Potential Solutions

- TACAN Inspection Drives Solution to Fixed Wing
- Existing, Next Generation, and Emerging Platforms will be considered



# Project Impact

- Relocation of the pilots and operators from the aircraft to the ground control station will reduced risk to the crew.
- Some conditions that would be deemed too high risk for Calibration and Inspection operations by manned aircraft would be acceptable risks for a low-cost unmanned aircraft.
- UAS should be more available than the Challenger aircraft used for current OCONUS NAVAID calibrations.
- This plan will assist the FAA and DOD achieve this risk reduction by 2025.