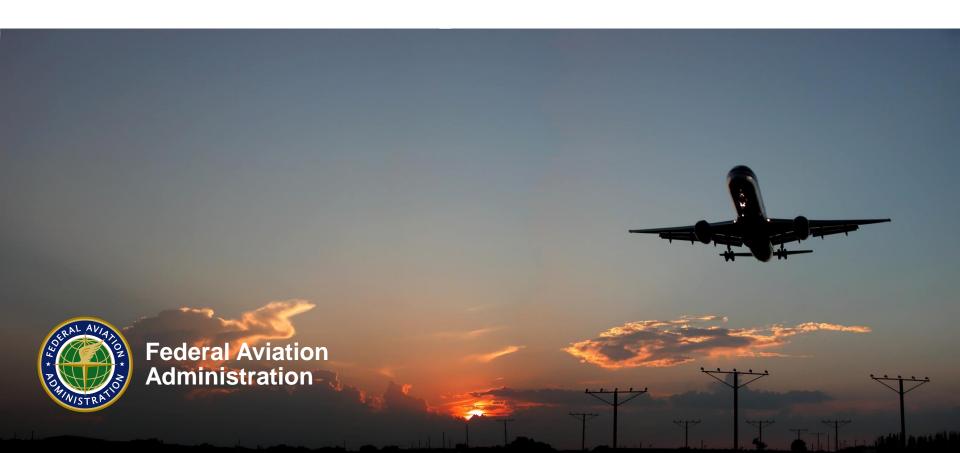
2020 FAA Cybersecurity Awareness Symposium Securing the Aviation Ecosystem | "Cyber Hygiene"

Operational NAS Assessment Team

Date: October 20, 2020



Integration Outreach and Planning (IOP)

 Mission: To protect the "Operational NAS" from internal and external vulnerabilities and confirm security control compliance at airports and control centers

 Role: Conducts operational security assessments in an Air Traffic "live" environment

Functional Area of Responsibility

Evaluate 33 NIST Controls within the below hierarchal control families in the "live" NAS.

- Access Controls (AC)
- Audit and Accountability (AU)
- Configuration Management (CM)
- Contingency Planning (CP)
- Identification and Authentication (IA)
- Incident Responses (IR)
- Maintenance (MA)
- System and Information Integrity (SI)



Phased Approach Plan

- Fully brief all field Stakeholders/Union well in advance
- Brief Cybersecurity Risk Management Framework 101
- Observe ORM
- Perform auditing of Files and Artifacts collected in the Operational Facility
- Time at facility is 1 to 2 days
- Gather data and lessons learned
- Create Security Assessment Report (SAR) within 90 days of assessment
- Create POA&Ms
- Create an Executive Report w/Field findings
- Perform Field Remediation with Field facility

Roles and Responsibilities

- Information System Owners Create, authenticate, disseminate, lab procedures (Test Plan) and participate in SAR findings/final reports
- ATSSs for systems under evaluation Perform system key strokes for the configuration logs and configuration files, with SLE will support, if necessary
- AJW-B4 assist in creating the IRMC/IRMP prior to arrival
- > IRAT perform interviews, creates SAR within 90 days

Roles and Responsibilities

Union engagement; both PASS and NATCA briefed/National and Locally, national agreements are in effect

ACG collaborates findings with key stakeholders and creates an Executive Report for signature. Contacts field for "Remediation" when they are the OPR of findings

PHASE II

 With an established Performance Audit and Data gathering and lessons learned from Phase I...Perform Scan Evaluation

 Phase II encompasses all activities in Phase I along with scanning of support/test assets in the field (where appropriate)