

Aeronautical Parts Conformity, Traceability and Suspected Unapproved Parts (SUPs)

Hybrid Workshop

Tuesday, March 24, 2026, 9:00 AM to Thursday, March 26, 5:00 PM

(UTC +07:00), Bangkok

Time	Agenda	Description
DAY 1 ICAO Requirements, Parts Conformity & Traceability		
09:00-09:10	Welcome Remarks	<ul style="list-style-type: none"> Mr. Henry Gourdji Director Safety Strategy & Policy, Flight Safety Foundation Mr. Anam Nazmul, Regional Officer, Flight Safety, ICAO Asia and Pacific (APAC) Office
09:10-09:30	Introduction / Objectives & expected outcomes	<ul style="list-style-type: none"> Understand workshop purpose, structure and expected outcomes. Recognize how the workshop aligns with APRAST/23 recommendations. Establish context for regional challenges involving parts conformity and traceability
09:30-10:30	ICAO Annex 6 and Annex 8 — International Requirements for Parts Conformity	<ul style="list-style-type: none"> Understand ICAO obligations for parts conformity under Annex 6 and Annex 8. Identify the role of the State of Design, State of Manufacture, and State of Registry in parts-related airworthiness responsibilities. Link ICAO requirements to national regulatory frameworks
10:30-10:45 Coffee break		
10:45-11:30	Regulatory Responsibilities for Parts Approval, Acceptance, and Conformity	<ul style="list-style-type: none"> Identify processes for parts approval, release certification, and conformity documentation Review State and operator responsibilities for verifying part eligibility and documentation. Understand common errors and risks in parts acceptance and approval.
11:30-12:15	APAC Challenges in Parts Conformity — Insights from the AP-CAS Needs Analysis Study	<ul style="list-style-type: none"> Review study findings on SCF-NP/PP events involving parts issues. Understand contributing factors such as material defects, non-conformity, and oversight gaps. Discuss patterns in the APAC region regarding defective or misidentified parts
12:15-13:15 LUNCH BREAK		
13:15-14:00	Parts Traceability Requirements — ICAO Provisions and Best Practices	<ul style="list-style-type: none"> Understand ICAO requirements for traceability documentation, approved data, and continuing airworthiness reporting. Review acceptable traceability pathways and documentation

		<p>chains.</p> <ul style="list-style-type: none"> • Identify common traceability gaps and their regulatory implications
14:00-14:45	Case Study: Evaluating Parts Traceability	<ul style="list-style-type: none"> • Apply knowledge to a realistic scenario involving SCF-related occurrences. • Apply traceability concepts to a real-world example. • Identify areas of concern indicating potential traceability deficiencies
14:45-15:00 Coffee Break		
15:00-15:45	Quality Assurance and Supplier Oversight — Regulatory and Industry Considerations	<ul style="list-style-type: none"> • Understand requirements for oversight of approved maintenance organizations and suppliers • Review common oversight deficiencies • Identify risks / concerns that may indicate parts conformity or supplier quality concerns.
15:45-16:30	Day 1 Synthesis and Participant Polling Review	<ul style="list-style-type: none"> • Reinforce key takeaways from Day 1
DAY 2 Completing Parts Traceability, Introduction to SUPs		
09:00-09:15	Recap of Day 1 and Polling Review	
09:15-10:15	Operator & MRO Responsibilities for conformity and traceability	<ul style="list-style-type: none"> • Understand operator/MRO documentation obligations under Annex 6/8 and related guidance material. • Review continuing airworthiness reporting requirements for faults, malfunctions, and defects • Reinforce conformity and traceability concepts.
10:15-10:30 Coffee break		
10:30-11:15	Linking Parts Issues to SCF-NP and SCF-PP Occurrences	<ul style="list-style-type: none"> • Review how material defects and parts non-conformity contribute to SCF events. • Align study findings with the importance of conformity verification and oversight.
11:15-12:00	Identifying Early Risk Indicators of Parts-Related Risks	<ul style="list-style-type: none"> • Strengthen risk recognition skills through real cases • Identify patterns that may indicate emerging reliability or conformity issues.
12:00-13:00 LUNCH BREAK		
13:00-13:45	Introduction to Suspected Unapproved Parts (SUPs) +Regulatory / (ICAO) Context	<ul style="list-style-type: none"> • Understand the background and evolution of the Suspected Unapproved Parts (SUP) issue in international aviation. • Recognize why SUPs pose significant safety and compliance risks • Understand ICAO Annex 6 and Annex 8 obligations related to defective or unapproved parts. • Identify the roles and responsibilities of the State of Design, State of Manufacture, State of Registry, and air operators in preventing SUPs.
13:45-14:30	Why SUPs Matter: Safety, Reliability & SCF Linkages	<ul style="list-style-type: none"> • Understand how SUPs contribute to SCF-NP and SCF-PP occurrences. • Recognize operational and economic impacts of installing

		<p>SUPs.</p> <ul style="list-style-type: none"> • Identify common categories of occurrences linked to parts non-conformity. • Establish the risk context for detection and prevention modules.
14:30-14:45 Coffee Break		
14:45-15:30	How SUPs Enter the System: Supply Chain Vulnerabilities	<ul style="list-style-type: none"> • Identify procurement and supply-chain pathways exploited by SUPs. • Understand how SUPs bypass receiving inspection programs. • Recognize early warning signs of potential SUPs. • Strengthen detection skills using polling-based decision scenarios.
15:30-16:15	Receiving Inspection & Part Status Verification (SUP Risk Perspective)	<ul style="list-style-type: none"> • Understand SUP vulnerabilities in receiving inspection processes. • Identify documentation anomalies, incorrect release certificates, and traceability gaps. • Recognize issues involving surplus or undocumented parts. • Apply SUP-oriented verification steps to confirm part eligibility.
16:15-16:30	Day 2 Synthesis	Reinforce key take aways from Day 2
DAY 3 SUP Training		
09:00-09:30	Recap of Day 2 afternoon – Polling Review	
09:30-10:15	Parts Approval & Eligibility Requirements (SUP Focus)	<ul style="list-style-type: none"> • Distinguish between normal approval processes and SUP-related eligibility concerns. • Understand risks related to improper documentation or unapproved sources. • Identify issues with fabricated parts and incorrect markings. • Strengthen evaluation of part eligibility in SUP contexts
10:15-10:30 Coffee break		
10:30-11:15	Traceability Requirements & Documentation Integrity	<ul style="list-style-type: none"> • Understand marking requirements applicable to various part statuses. • Recognize marking discrepancies that may indicate a SUP. • Identify issues associated with repainting, remarking, or unofficial stamping. • Learn how marking inspections contribute to SUP prevention.
11:15-12:00	Fabrication of Parts During Maintenance (SUP Risk Considerations)	<ul style="list-style-type: none"> • Understand ICAO-aligned criteria for parts fabricated during maintenance. • Recognize when fabricated parts may require additional approval. • Identify SUP risks associated with improperly fabricated or undocumented parts. • Strengthen awareness of fabrication controls in AMO environments
12:00-13:00 LUNCH BREAK		
13:00-13:45	SUP Detection Case Studies (Polling-Based Scenarios)	<ul style="list-style-type: none"> • Apply detection principles to real SUP cases. • Identify SUP indicators through scenario-based decision-making.

		<ul style="list-style-type: none"> • Understand investigation triggers for suspected parts. • Discuss appropriate follow-up actions based on case outcomes
13:45-14:30	SUP Investigation & Airworthiness Assessment	<ul style="list-style-type: none"> • Understand steps in determining the airworthiness of a suspect part. • Recognize evidence-gathering requirements in SUP investigations. • Identify regulatory and technical considerations during part assessment. • Understand when to escalate a suspected part to the State or OEM
14:30-14:45	Coffee Break	
14:45-15:30	Reporting SUPs & Regulatory Follow-Up	<ul style="list-style-type: none"> • Understand ICAO obligations for reporting faults, malfunctions, defects, and SUPs. • Identify correct reporting pathways to the State of Registry, State of Design, and OEM. • Understand documentation requirements for SUP reporting. • Recognize the purpose of national SUP programs and authority procedures
15:30-16:15	Establishing SUP Prevention Programs (Regulators & Industry)	<ul style="list-style-type: none"> • Understand the key elements of an internal SUP prevention program. • Integrate SUP controls into quality systems, procurement, and surveillance. • Identify tools, services, and support resources available to organizations. • Consolidate best practices to reduce SUP vulnerabilities in APAC.
16:15-16:45	Key take aways from Day 3 and COURSE WRAP UP	