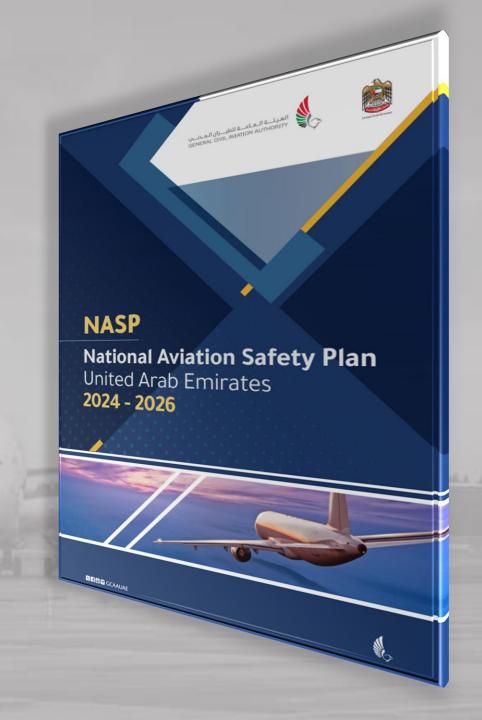




UAE NASP 2024–2026 Development Experience & Strategic Lessons

Presented by the United Arab Emirates







How the UAE Built Its NASP



A process defined by clarity, collaboration, and customization.

Cross-Functional Coordination

Stakeholder Early Engagement

Lessons Learned

Global Alignment

Local Integration

GCAA-led collaboration across OPS, AIG, AIR, ANS, and other safety teams

Engaged through workshops and feedback loops

2020–2023 NASP review and SSPIA outcomes shaped the current plan.

Synced with GASP & MID-RASP, harmonized terms & targets

GASP SEIs were selectively adapted to reflect UAE's national risk landscape and avoid duplication with existing initiatives.



How We Prioritized Risks – Methodology & Logic



Evidence-Led Identification

Analyzed 7 years of occurrence data from multiple sources to identify risks using investigations and oversight insights.

Standardized Classification

Used CICCT taxonomy with trend and precursor analysis for consistent comparisons.

High-Risk Categories (HRCs)

Focused on CFIT, LOC-I, MAC, excursions, and incursions to align with GASP/MID-RASP priorities.

RPAS – Emerging Domain

Despite limited history, RPAS risks were proactively addressed due to operational exposure.

Structured prioritization ensured focus on what matters most, risks that can be mitigated now and those on the horizon.



How We Executed It – From Plan to Practice



Structural Enablers

Integrated Monitoring & Communication

Agile Planning & Execution

Intelligence-Driven & Non-Duplicative

Strong Stakeholder Interface

- Clear regulatory foundation supported timely rollout and oversight of SEIs
- Each SEI assigned an internal owner ensured accountability and alignment across functions
- Annual Safety Report served as a public-facing progress review and industry touchpoint
- Used as both a tracking mechanism and engagement tool
- Modular SEI templates allowed easy reprioritization and integration of emerging risks
- Embedded review checkpoints to support iterative delivery
- Mapped NASP content to existing SSP insights and audit findings
- Prevented redundancy; maximized strategic focus
- Engagement at key inflection points reduced resistance and increased adoption
- Enabled smoother alignment of safety objectives across domains



SSP-NASP Integration (Fully Embedded)



- Performance monitored and adjusted in real time
- •All actions are:
 - Evidence-based
 - SSPIA-linked
 - Measurable

Tracked Through SSP Monitoring



Based on Safety Intelligence

- Derived from SSP data (reports, audits, voluntary inputs)
- Focused on real risks



Organizational Challenges – Systemic, Not Situational



Identifying the Gaps with Data-Informed Diagnosis

- Source: USOAP CMA + internal assessments
- Key Critical Elements targeted for improvement:
 - CE2 Operating Regulations
 - CE3 State SafetyFunctions
 - CE6 Certification and Approval Processes
 - CE7 SurveillanceObligations

From Paper to Practice, Implementation Maturity Focus

- Deliberately moved beyond documentation toward realworld oversight performance.
- Key Upgrades Delivered:
 - Standardized regulatory approval processes
 - Enhanced surveillance methodology (CE7)
 - Improved oversight planning cycles

Future-Proofing – Emerging Oversight Readiness

- Focus shifted from merely fixing gaps toward futureproofing oversight capabilities
- Technical Readiness Initiatives:

ACTIONS TAKEN

FUTURE READINESS

GAP IDENTIFIED



Lessons Learned – Insights from Practice



- Front-loaded stakeholder engagement proved critical
- Early alignment reduced friction at deployment and ensured shared ownership

Align Early, Execute Smoothly

Calibrate SEI Rollout to Ground Reality

- Initial overestimation of industry SMS maturity delayed implementation in some areas
- Lesson: Match SEI ambition to actual readiness – phase where needed

- Historical data flagged issues like GNSS spoofing
- Shifted to a forwardscanning, predictive planning approach.

Plan for Future Risks, Not Just Past Trends

Phase Out with Purpose

- SEIs that outlived their purpose were strategically phased out
- Introduced clear criteria and timelines to maintain agility and relevance

Treat the NASP as a living system – dynamic, responsive, and grounded in operational reality.



Why a 1-Year Offset Works — Strategic by Design





More Informed Alignment

- Absorb and evaluate finalized GASP/MIDbefore RASP integrating into national planning
- Enables precise, measured alignment, not reactive inclusion



Built-In Agility

- provides a Offset natural pivot point to before rollout
- NASP adaptive, relevant, and execution-ready



Optimized Stakeholder Engagement



- **Operational Readiness**
- dedicated Offers space for structured industry consultation
- Feedback is better timed, better targeted, and more actionable



Data-Driven Integration

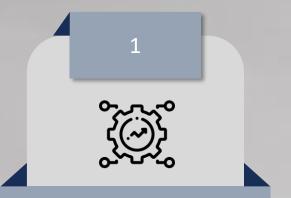
- One-year buffer allows validation of SEIS against <u>UAE's</u> own safety trends and risk profile
- Ensures local applicability of global objectives

- Aligns with internal budgeting, planning, and regulatory cycles
- Improves execution timelines and oversight preparedness



Key Differentiators





NASP is a strategic implementation tool, not a compliance checklist



UAE remains committed to knowledge sharing and regional coordination



Integration with SSP ensures realism, traceability, and effectiveness





THANK YOU

