National Aviation Safety Plan
OMAN

Agenda

NASP Development Process

Step1: Conduct Self-Assessment

Step2: Identify Safety Deficiencies

National Aviation Safety Plan

NASP Development

National Aviation Safety Plan

❑ In line with the <u>2020-2022 edition of the GASP</u> and RASP 1st edition 2020-2022 edition, Oman commenced the development of the 1st edition of the NASP.

❑ The purpose is to identify the actions taken at State level to address the main safety issues in civil aviation in OMAN.

❑ The plan will address the organizational challenges and the operational safety risks including high-risk categories (HRCs) of occurrences.
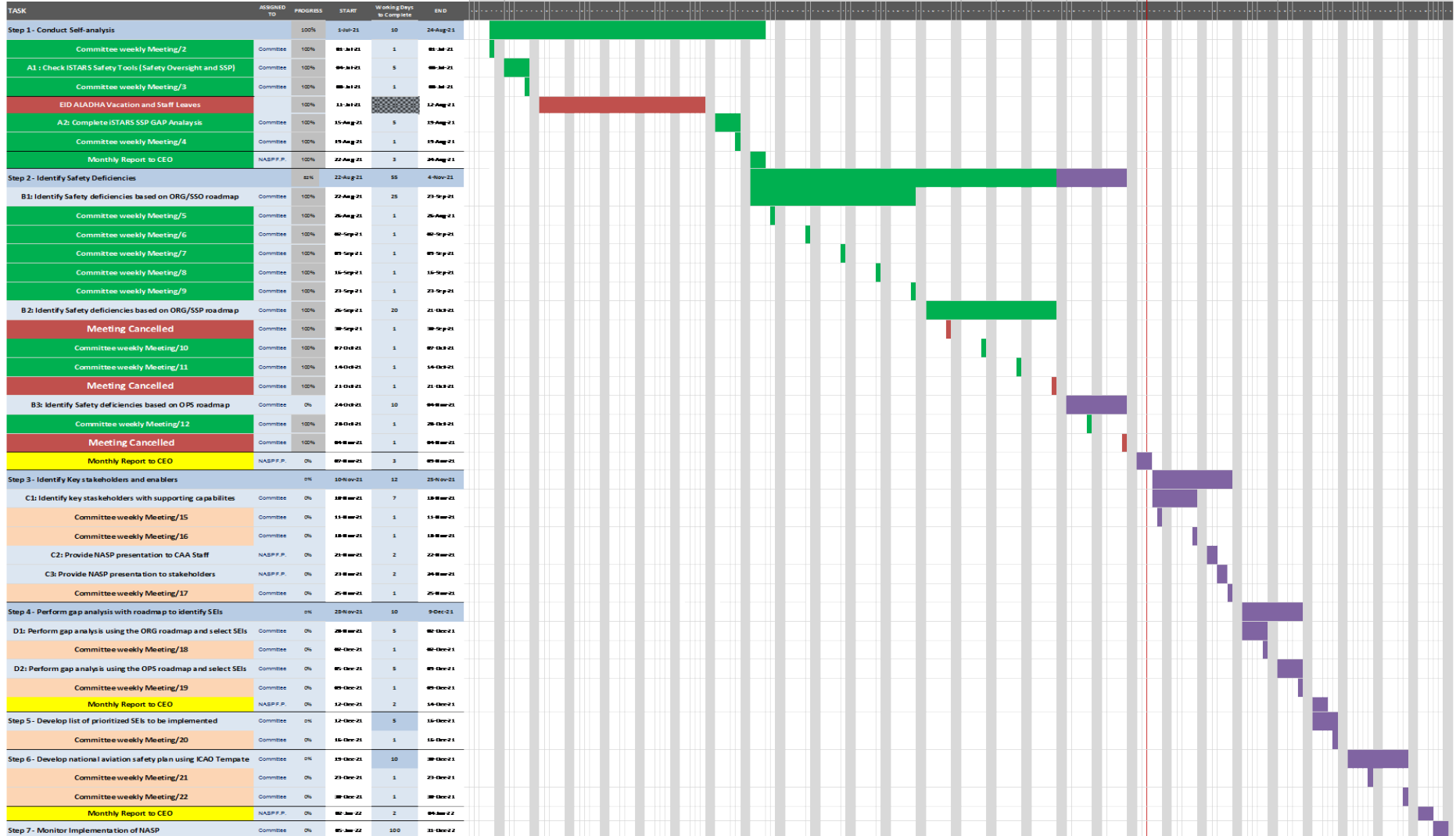
National Aviation Safety Plan

NASP Committee

```
                 Directorate General of Civil
                   Aviation Regulation
                        Chairman

              Safety Regulation
                 Department
                   Vice-Chairman

  Flight Safety      Aerodrome Safety     Air Navigation        NASP Focal Point
  Department         Department           Safety Department
    FSD Director       ASD Director         ANSD Director          Focal Point
```
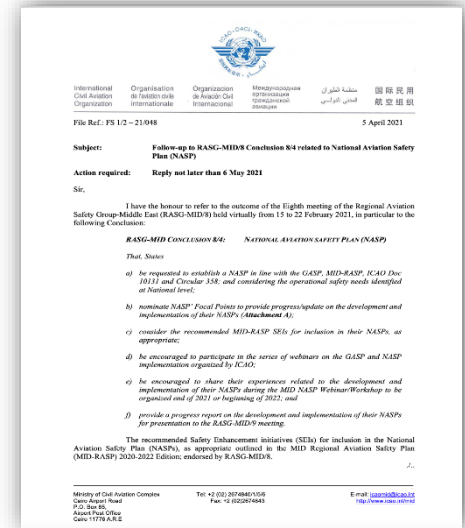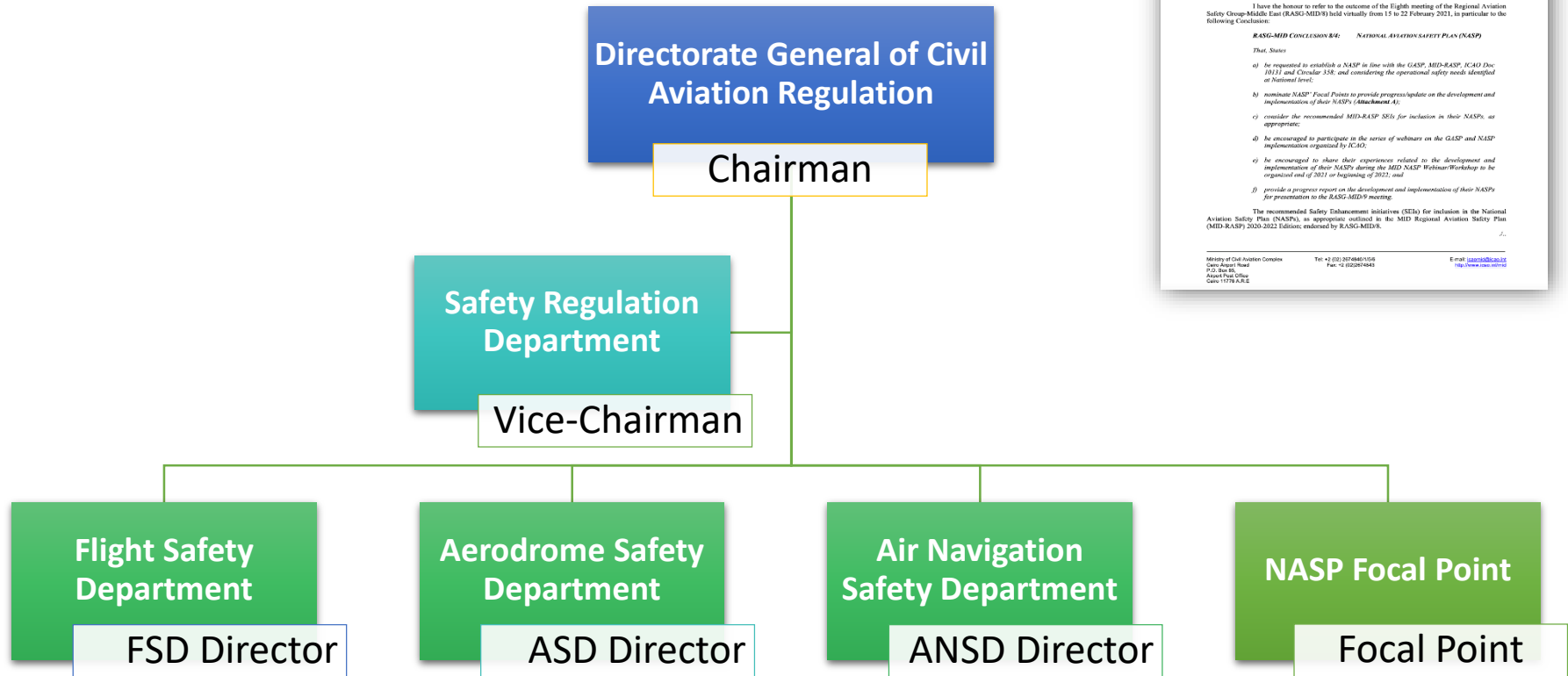
National Aviation Safety Plan

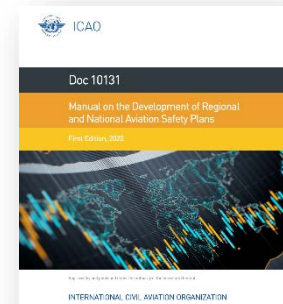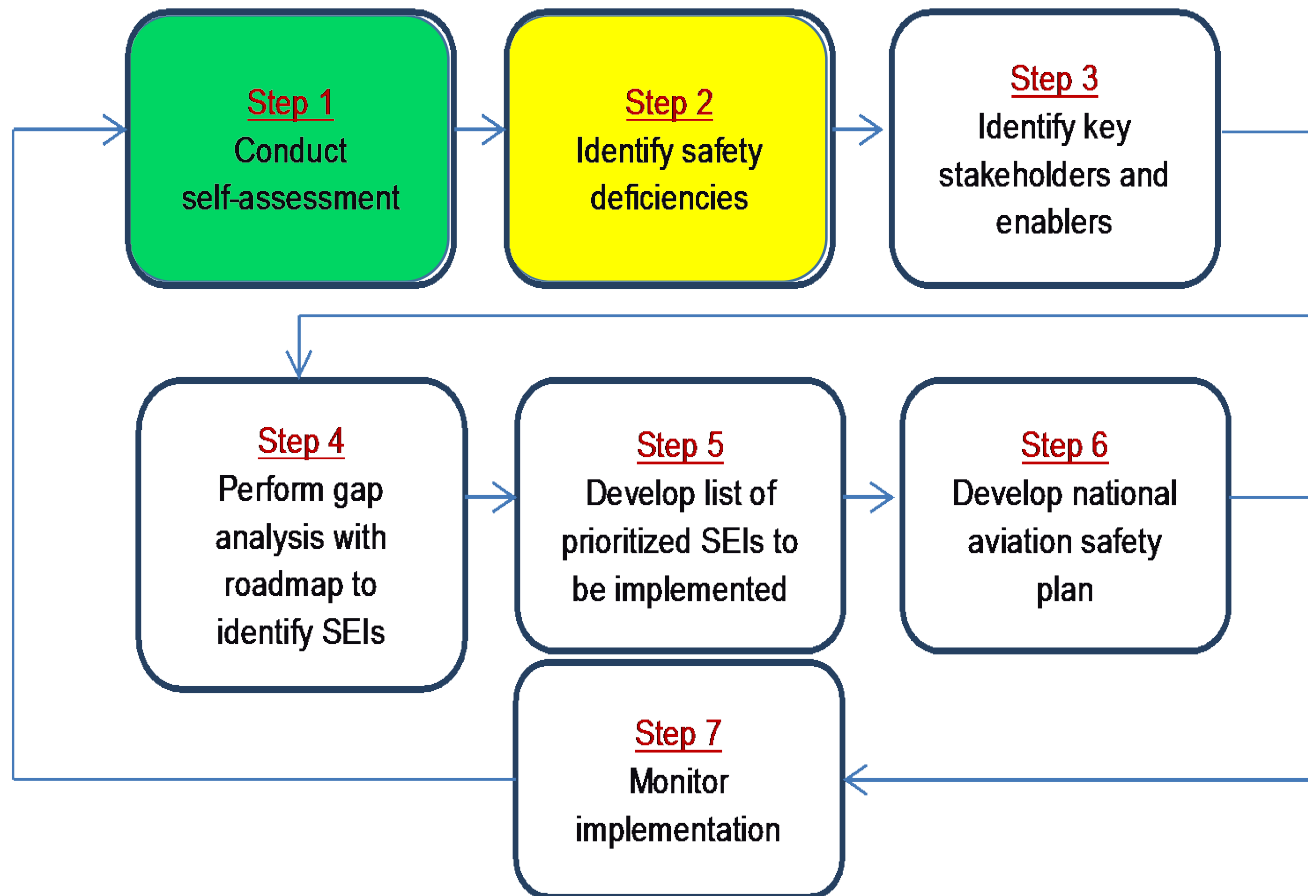## NASP WORK PLAN

National Aviation Safety Plan

NASP Development Process

National Aviation Safety Plan

STEP 1: Conduct Self-Assessment

ORG Roadmap

Component 1 State Safety Oversight System	Component 2 State Safety Programme

Safety Audit Information
Level of Implementation and SSCs

Safety Oversight Index
Risk-based prioritization for operations, air navigation and support functions

PQ Tester
USOAP Protocol Questions

State Safety Briefing 2018
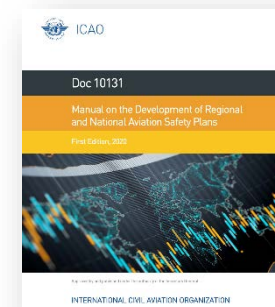Summary of State Safety Indicators - 2018 version

SSP Foundation
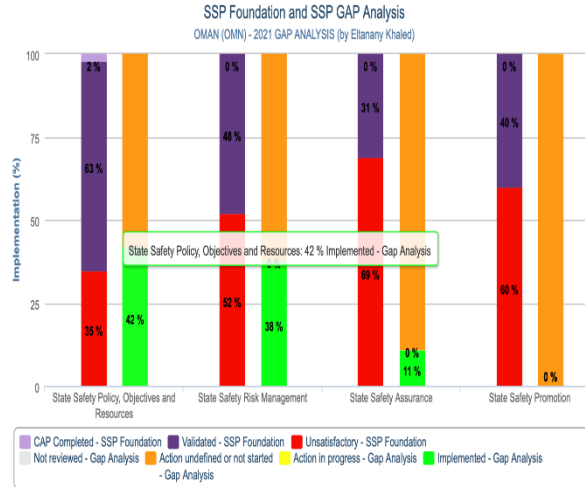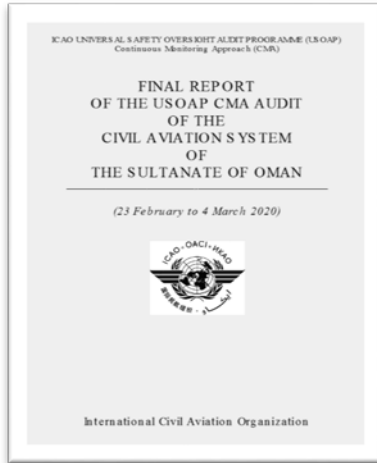Status of SSP Foundation Protocol Questions

SSP Gap Analysis - SMM 4th Ed.
State Safety Programmes

SMM 4th Ed.

ICAO
Doc 10131
Manual on the Development of Regional and National Aviation Safety Plans
First Edition, 2020

INTERNATIONAL CIVIL AVIATION ORGANIZATION

National Aviation Safety Plan

STEP 2: Identify Safety Deficiencies

ICAO UNIVERSAL SAFETY OVERSIGHT AUDIT PROGRAMME (USOAP)
Continuous Monitoring Approach (CMA)

**FINAL REPORT
OF THE USOAP CMA AUDIT
OF THE
CIVIL AVIATION SYSTEM
OF
THE SULTANATE OF OMAN**

(23 February to 4 March 2020)

International Civil Aviation Organization

SSP Foundation and SSP GAP Analysis
OMAN (OMN) - 2021 GAP ANALYSIS (by Eltanany Khaled)

State Safety Policy, Objectives and Resources: 42 % Implemented - Gap Analysis

SSP Gap Analysis -
State Safety Programmes

SMM 4th Ed.

National Aviation Safety Plan

GASP / RASP Goals and Targets

GASP

GASP Goals		ORG/OPS	GASP Targets				
			2020	2022	2025	2026	2030
G1: Achieve a continuous reduction of operational safety risks	Maintain a decreasing trend of global accident rate	OPS	Maintain a decreasing trend of global accident rate				
G2: Strengthen States' safety oversight capabilities	2.1 Score for the effective implementation (EI)	ORG		75%		85%	95%
	2.2 Safety oversight index in all categories	ORG		Greater than 1			
G3: Implement effective State safety programmes (SSPs)	3.1 State to implement the foundation of an SSP	ORG		Implemented			
	3.2 State to implement an effective SSP, as appropriate to their aviation system complexity	ORG			Implemented		
G4: Increase collaboration at the regional level	4.2 States to contribute information on safety risks, including SSP safety performance indicators (SPIs), to their respective regional aviation safety group (RASGs)	OPS		Implemented			
	4.3 States with effective safety oversight capabilities and an effective SSP, to actively lead RASGs' safety risk management activities	OPS		Implemented			
G5: Expand the use of industry programmes	5.1 Service providers to use globally harmonized SPIs as part of their safety management system (SMS)	OPS	Implemented				
	5.2 Increase the number of service providers participating in the corresponding ICAO-recognized industry assessment programmes	OPS		Implemented			
G6: Ensure the appropriate infrastructure is available to support safe operations	6.1 States to implement the air navigation and airport core infrastructure	ORG		Implemented			

RASP

Goals	Organizational Challenges			OPS Safety Risks					Emerging Issues	RASP Targets
										2022 Target
G1				RE	RI	CFIT	MAC	LOC		
G2	Strengthening of States' Safety Oversight Capabilities	Improve Regional Cooperation for the Provision of Accident & Incident Investigation	Sharing of Safety Recommendations related to Accidents and Serious Incidents						Impact of Security on Safety	
	Enhance State Oversight on Dangerous Goods	Human Factors and Competence of Personnel								
G5	Implement an effective Safety Management									
G6	TBD									
G4	Promote the Use of industry Programmes									
G3	Certification of International Aerodromes									
	Establishment of Runway Safety Teams at International Airports									

MID Region Safety Strategy

National Aviation Safety Plan

Organizational Challenges

Goals	MID RASP SEIs		Self – Assessment	
	SEIs	**Actions**	**National Implementation**	**Remark**
G5	Improve the Status of Implementation of (SSP) and (SMS)	Action (B2) S2 (NASP WorkPlan)	🟨	
G2	Strengthening of States' Safety Oversight Capabilities	Action (B1) S2 (NASP Work Plan)	🟨	
	Sharing of Safety Recommendations related to Accidents and Serious Incidents	Regional Action	🟨	
	Human factors and Competence of Personnel	Regional Joint Actions	🟨	
	Improve Regional Cooperation for the Provision of Accident & Incident Investigation	Development and signature of the MOU among MENA AIG Regional Cooperation Mechanism (ARCM) endorsed by the DGCA meeting in Kuwait;	🟨	
		Conduct AIG Capacity Building Activities.	🟨	
	Enhance State Oversight on Dangerous Goods	Develop dangerous goods inspector procedures / GM to support the state's inspecors for the conduct of the oversight for DG	🟩	
		keep records relating to dangerous goods-related approvals;	🟩	
		implement an effective system for safety oversight of the various entities involved in the transport of dangerous goods, including shippers, packers, cargo handling companies and air operators.	🟩	The process is documented in the dangerous goods inspector manual
G3	Certification of International Aerodromes	Improve the EI score of AGA	🟨	
		Certify the International Airports	🟩	MUSCAT and SALALAH Airports
	Establishment of Runway Safety Teams at International Airports	Establish RST at International Airports	🟩	
		Implement the Global Reporting Format Methodology	🟩	
G4	Promote the use of ICAO-recognized industry assessment programmes	Use of the IATA Operational Safety Audit (IOSA), to complement safety oversight activities.	🟩	Oman Air Completed
		Use of the IATA Safety Audit for Ground Operations (ISAGO) certification, as a percentage of all Ground Handling service providers	🟩	GND handling service provider are implementing the ISAGO process
		Encourage the implementation of ACI Airport Excellence (APEX) in Safety Programme	🟩	

🟩 Implemented
🟨 In Progress

Thank You

Stay Safe and Healthy