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# AP-AA/WG/3 WP/05 GRF, RST and RSGT

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23-26 March 2021





# Discussion

## New Global Reporting Format for Runway Surface Conditions (GRF)

- SARPs and PANS
- Activities and Training Courses
- GRF Implementation Action Plan

## Runway Safety Team (RST)

- The Need for RST
- RST Survey
- 2020 Edition of USOAP CMA Protocol Questions

## Runway Safety Go-Team (RSGT)



# GRF – SARPs and PANS

- Annexes
  - 3; 6 - Part I & II; 8; 14 - Vol I; 15
- PANS
  - ATM (Doc 4444);
  - Aerodromes (Doc 9981);
  - AIM (Doc 10066)
- Applicability date: 5 Nov 2020 -> 4 Nov 2021

**Be aware!  
Get ready!**

Countdown to the  
Global Reporting Format -  
Runway Surface Conditions

ICAO compliance date:  
4 November 2021





# GRF – SARPs and PANS (cont'd)

## Actions by States

- For Amendments to Annexes, inform ICAO HQ, with a copy to ICAO APAC Office, before 4 Oct 2021:
  - Any differences that will exist on 4 Nov 2021 between Annexes and national regulations / practices
  - Date(s) by which States will have complied with the provisions
- Implement provisions in 3 PANS on 4 Nov 2021
- Publish in AIPs a list of any significant differences which will exist on 4 Nov 2021 between 3 PANS and national regulations and practices



# GRF Activities

- 2019
  - ICAO APAC/COSCAP-SEA Regional Seminar on Implementation of GRF (27-28 Jun)
- 2020
  - COSCAP-SEA GRF Workshop (30 Apr)
  - ICAO APAC GRF Regional Webinar (21 May)
  - PASO GRF Webinar (25 Jun)
  - COSCAP-SA GRF Webinar (22 Jul)
  - 2 webinars by ICAO ANB
  - 3 workshops/webinars by other regional offices
- 2021
  - Q3 / Q4 – to be announced



*(See WP for links to the activities)*



# GRF Training Courses

- Courses available
  - ICAO-ACI GRF Online Course
  - ICAO-IATA GRF Online Course
  - ACI GRF for Runway Surface Condition Assessment and Reporting
  - ICAO-IATA-CANSO Introduction to GRF for ANSPs, Air Traffic Controllers and AIS Staff (Coming soon)

*(See WP for links to the courses)*
- 3 COSCAPs provided sponsored places to member CAAs to attend ICAO-ACI & ICAO-IATA courses in 2020





# GRF Implementation Action Plan

- Assist States in tracking implementation progress
- Allow ICAO APAC to understand the progress in APAC Regions
- 15 action items and a number of action parties identified
- Target dates set for States' reference when determining their own plan



NEW ICAO METHODOLOGY FOR ASSESSING AND REPORTING RUNWAY SURFACE CONDITIONS (GRF)

IMPLEMENTATION ACTION PLAN TEMPLATE<sup>1</sup>

\_\_\_\_\_ [Insert name of State]

ID	ACTION	ENTITY RESPONSIBLE	TARGET DATE <sup>2</sup>	IMPLEMENTATION DATE <sup>3</sup>	REMARKS <sup>3</sup>
GRF 1	Review ICAO provisions and guidance and other Organisations guidance (see References)	CAA	31/12/2020		
GRF 2	Designate a focal point to coordinate implementation activities at the national level	CAA	31/12/2020		
GRF 3	Identify concerned focal points in each entity (CAA, Airport, ANSP, Aircraft operators – include BA, GA and military as applicable)	CAA, Airports, ANSP, Aircraft operators	31/12/2020		
GRF 4	Establish an Implementation Coordination Team including staff from the identified stakeholder entities	CAA	15/01/2021		
GRF 5	Conduct a risk assessment of the CAA, Airports, ANSP, Aircraft operators	CAA, Airports, ANSP, Aircraft operators	31/03/2021		



# GRF Implementation Action Plan (cont'd)

## Conclusion APANPIRG/31/5 (AOP/SG/4–10): GRF Implementation Action Plan Template

That,

- a) The GRF Implementation Action Plan Template contained in Appendix B to Report on Agenda Item 3.1 be uploaded to ICAO APAC Website for reference by States / Administrations; and
- b) States / Administrations are requested to make reference to the GRF Implementation Action Plan Template and submit their own action plans to ICAO APAC Office by 28 February 2021.

**CONCLUSION**



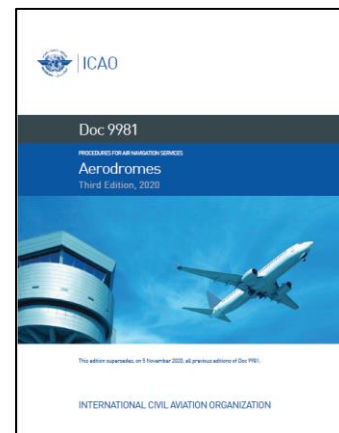
## GRF Implementation Action Plan (cont'd)

- As of 23 Mar 2021, ICAO APAC Office received returns from 15 States / Administrations
- Template available in ICAO APAC Website under *APAC eDocuments* and *AGA*



# The Need for RST

- PANS-Aerodrome (Doc 9981), Part II, Section 8.2.1:
  - An aerodrome operator shall establish a Runway Safety Team (RST) comprised of relevant organizations operating or providing services on the aerodrome.
- Primary role: to develop a runway safety action plan
  - Facilitate the identification of runway safety hazards
  - Facilitate the conduct of runway safety risk assessments
  - Recommend measures for hazard removal and mitigation of the residual risk
- Details available in ICAO *RST Handbook*





## RST

- A major player in GRF implementation
  - Provides feedback to CAA
- Perform HIRA for operational changes due to COVID-19
  - e.g. Aircraft parked on RWYs and TWYs
  - Increased wildlife presence
  - Increase in towing activities associated with parked aircraft
  - Reduced headcount of ops personnel



# RST Survey

- To keep track of establishment of RSTs at aerodromes used for int'l ops
- Only 73 out of 342 aerodromes used for int'l ops in APAC Regions have participated
  - As of 1 Feb 2021

- Home
- Runway Safety Team Survey**
- Completed ICAO Runway Safety Go-Team Missions
- Events
  - 2nd Global Runway Safety Symposium 2017
  - Global Runway Safety Symposium 2011
  - Regional Runway Safety Seminars
- Webinars
- Resources
  - ICAO Runway Safety Articles
  - ICAO Runway Safety Documents and Toolkits
  - RASGs and PIRGs
  - Related Links

Runway Safety Team Survey <https://www.icao.int/safety/RunwaySafety/Pages/Runway%20Safety%20Team%20Register.aspx>

Register a Team

Contact us

474

Teams Registered  
+1 in last 7 days





## RST Survey (cont'd)

### **Conclusion APANPIRG/31/6 (AOP/SG/4–11): Runway Safety Team**

That, States/Administrations to urge operators of aerodromes used for international operations to:

- a) establish runway safety teams (RSTs) in accordance with PANS-Aerodromes (Doc 9981) and ICAO RST Handbook; and
- b) participate in the ICAO RST Survey to register their RSTs.

**CONCLUSION**



# Runway Safety Go-Team (RSGT)

- Assists States in developing a national runway safety programme
- Assists aerodromes in establishing / improving effectiveness of RSTs
- Provided on-site technical assistance to runway safety stakeholders
- Voluntary multi-disciplinary assistance visit
  - By experts from ICAO and RSP partners
  - Not an audit, validation, inspection nor certification
  - On a cost-recovery basis normally



# RSGT

- Usually lasts for 3 days
  - Runway safety workshop
  - Airport visits
  - Attendance in RST meeting
  - Debriefing
  - Scope may be extended to cover GRF
- First 2 RSGTs in APAC
  - Manila, Philippines (Mar 2020)
  - Makassar, Indonesia (Mar 2020)
  - Utilized COSCAP-SEA funding so free-of-charge to 2 States





## RSGT

- States in need of assistance in the area of runway safety and GRF:
  - Request for RSGT through ICAO APAC Office or COSCAP





# 2020 Edition of USOAP CMA PQs

- Electronic Bulletin 2021/3
- Downloadable from USOAP CMA OLF
  - Under “CMA Library”
- Applicable to all USOAP CMA activities starting after 1 Jun 2021
- AGA 8.204:

8.204	Does the State ensure that aerodrome operators comply with requirements related to runway safety, including the establishment of a runway safety team?	1) Evaluate mechanism to ensure effective implementation. 2) Review evidence of a systematic approach to runway safety and collision avoidance strategy, e.g. establishment of runway safety teams.	PANS Doc 9981 (AGA) Part II, C8 GM A14 Vol. I, Att. A, Section 21.3 Doc 9870 C3	Yes	CE-6
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# Action by the Meeting

- The meeting is invited to:
  - a) urge States to note the various GRF activities and arrange attendance of GRF training courses;
  - b) urge States to submit GRF Implementation Action Plan to ICAO APAC Office if yet to do so, and provide periodic updates thereafter (Conclusion APANPIRG/31/5 refers);
  - c) urge States to take actions on RST establishment and participation in ICAO RST Survey (Conclusion APANPIRG/31/6 refers);
  - d) urge States in need of assistance in the areas of runway safety and GRF to request for Runway Safety Go-Team Missions through ICAO APAC Office and/or its corresponding COSCAP; and
  - e) note the USOAP CMA PQ related to runway safety and RST.



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**Be aware! Get ready!**

ICAO compliance date: **4 November 2021**

Thank you!