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JOINT ICAO-ACI INFORMATION SHARING SESSION

PSIDS progress on Aerodrome Certification and GRF implementation

10 November 2021





Outlines

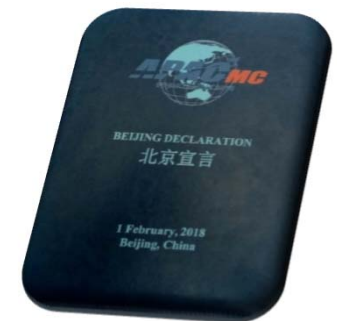
- **Aerodrome Certification;**
- **Runway Safety Team; and**
- **GRF implementation**





First Asia Pacific Ministerial Conference on Civil Aviation

- Beijing, China - 31 Jan. to 1 Feb. 2018.
- Organized by ICAO and hosted by China
- Attendance:
 - 32 APAC Members States (incl. 8 PSIDS),
 - 4 Member States (France, Russian Federation, United Kingdom and United States) of other Regions; and
 - representatives of 6 international organizations.
- Main outcome - 'Declaration on Asia/Pacific Ministerial Conference on Civil Aviation'.





Beijing Declaration on Aviation Safety:

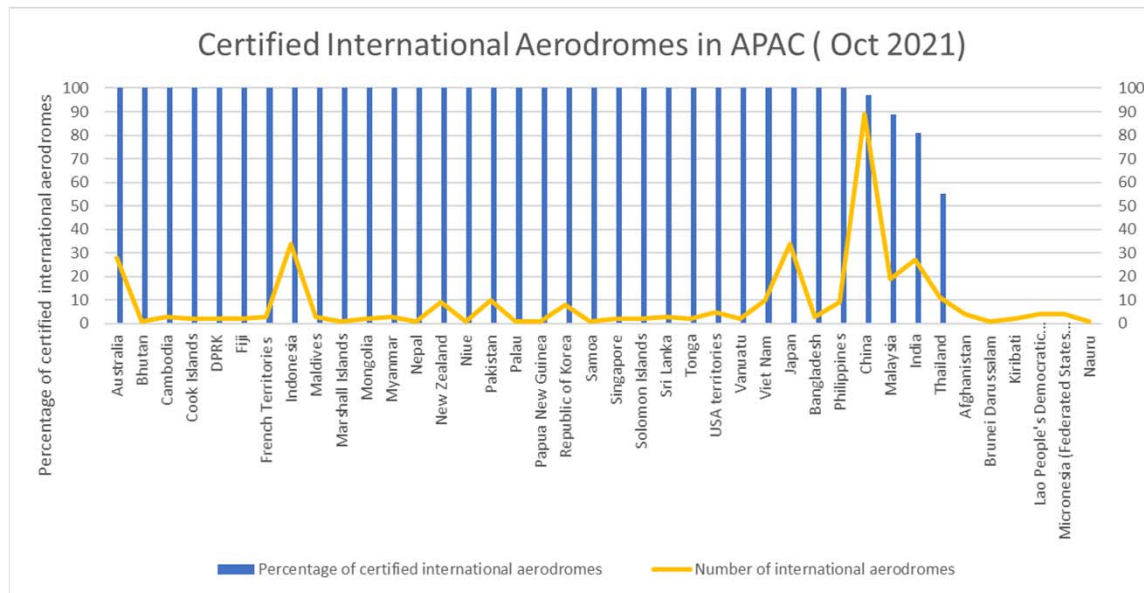
d) Certification of aerodromes used for international operations



Certify all aerodromes used for international operations by 2020



Aerodromes Operations and Planning Sub-Group (AOP/SG/5)



It has been improved to **90%** (319 aerodromes out of 353) versus **88%** (301 aerodromes out of 342) in Oct 2020



Status of Certification of PSIDS Aerodromes used for International Operations

PSIDS	Certified Aerodromes	Not Certified Aerodromes	Total Aerodromes	% of Not Certified Aerodromes	Status of Certification of Aerodromes not published in AIP AD 1.5
Cook Islands	2	0	2	0%	Not published
Fiji	2	0	2	0%	Not published
Kiribati	0	2	2	100%	Not published
Marshall Islands	1	0	1	0%	Not published
Micronesia	0	4	4	100%	Not published
Nauru	0	1	1	100%	Not published
Niue	1	0	1	0%	Not published
Palau	1	0	1	0%	Not published
Papua New Guinea	1	0	1	0%	Published
Samoa	1	0	1	0%	Not published
Solomon Islands	2	0	2	0%	Not published
Tonga	2	0	2	0%	Not published
Tuvalu	0	1	1	100%	Not published
Vanuatu	2	0	2	0%	Not published
Total:	15	8	23	35%	



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APANPIRG Air Navigation Deficiency

- Uncertified aerodromes and States
- States that have not published the Status of Certification of Aerodromes in AIP AD 1.5



Runway Safety Team (RST)

- PANS-Aerodromes, Part II Ch. 8:
 - An aerodrome operator shall establish a runway safety team comprised of relevant organizations operating or providing services on the aerodrome.
- RST primary role: develop a runway safety action plan
 - Facilitate identification of runway safety hazards and conduct of runway safety risk assessments
 - Recommend measures for hazard removal and mitigation of residual risks
- A major player in GRF implementation
 - Provides feedback to CAA
- Details available in ICAO *RST Handbook*



Translation approved on 10 November 2015, at previous edition of Doc 9981.

INTERNATIONAL



Runway Safety Team Handbook

Second Edition (amended version) – June 2015

Notes to users:
This document is an amended version which is made available to the public for informational purposes only. It is not intended for use as a regulatory reference. The original version of this document is available on the ICAO website.

International Civil Aviation Organization



RST Survey

- Keep track of RST establishment at aerodromes for int'l ops
- Participation from aerodromes is much needed
- As of June 2021:
 - out of 353 intl. aerodromes in Asia/Pacific Region, only **95** aerodromes had participated in ICAO RST Survey
 - out of 23 intl. aerodromes in PSIDS only Nadi Intl. Airport had participated in ICAO RST Survey
- URL of RST Survey:
<https://www.icao.int/safety/RunwaySafety/Pages/Runway%20Safety%20Team%20Register.aspx>

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

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

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 Runway Safety Programme Partners
 - Not an audit, validation, inspection nor certification
 - Normally on a cost-recovery basis



RSGT (Cont'd)

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





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 January 2022
- 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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GRF Implementation

- Uniform and harmonized methodology for assessing and reporting Runway Surface Conditions - commonly known as GRF (Global Reporting Format)
- Affected Annexes & PANS:
 - Annex 3, 6 (Part I & II), 8, 14 (Vol. I), 15
 - PANS-Aerodromes, ATM and AIM
- Applicability date : 4 Nov 2021
- Ref.: State Letter dated 30 July 2020



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

What: 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**.

Expected impact:
 Political / Global
 Inter-regional
 Economic
 Environmental
 Ops/Technical

Why: To assist States in the implementation of GRF-related SARPs and PANS.

Follow-up: Required from States

When: 16-Dec-20

Status: Adopted by PIRG

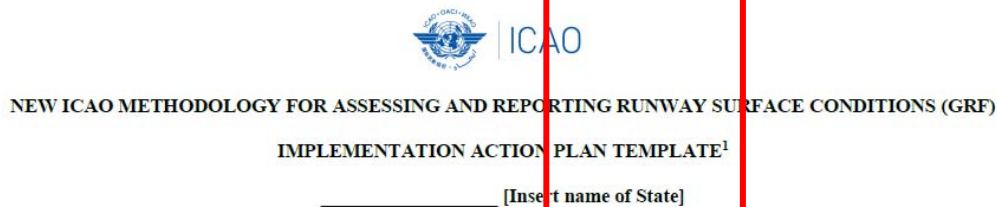
Who: Sub groups APAC States ICAO APAC RO ICAO HQ Other:

<https://www.icao.int/APAC/Pages/eDocs.aspx>



GRF Implementation Action Plan Template

- Developed by ICAO APAC Office
- Provides:
 - 15 action items
 - A number of action parties
 - Indicative implementation timeline



ID	ACTION	ENTITY RESPONSIBLE	TARGET DATE ²	IMPLEMENTATION DATE ³	REMARKS ³
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 Implementation Action Plan

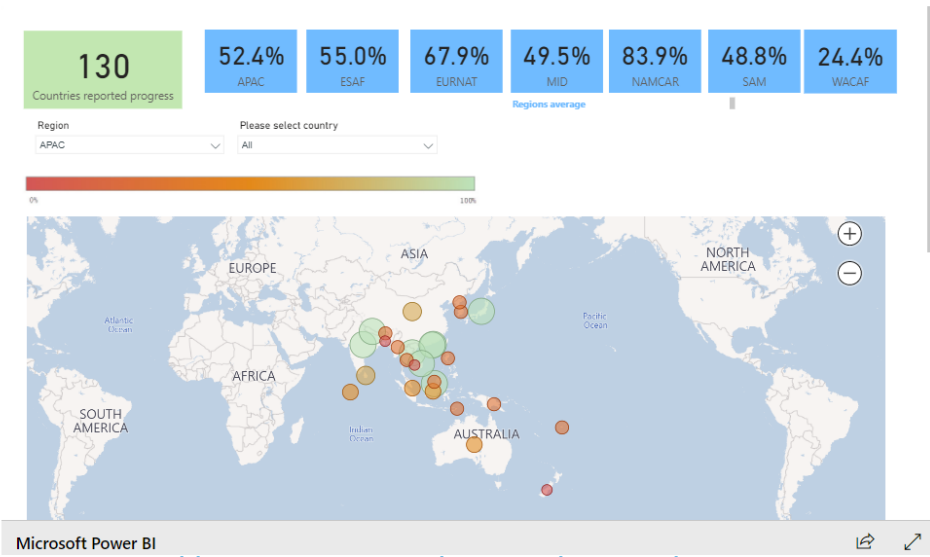
- **28** APAC States/Administrations submitted GRF Implementation Action Plan
 - 14 States implemented GRF on 4 Nov. 2021
- **4** PSIDS submitted GRF Implementation Action Plan
 - **Fiji** implemented GRF on 4 Nov. 2021
- Consider using Electronic File of Difference (EFOD) for notification of differences and compliance (deadline 4 Oct. 2021)
- PANS-AIM
 - Publication of any differences as of 4 Nov 2021



GRF Implementation Map

Implementation Map

States are reporting their implementation status against a subset of the generic implementation milestones. The current status is presented through the map below, which is not intended to be used for operational purposes.



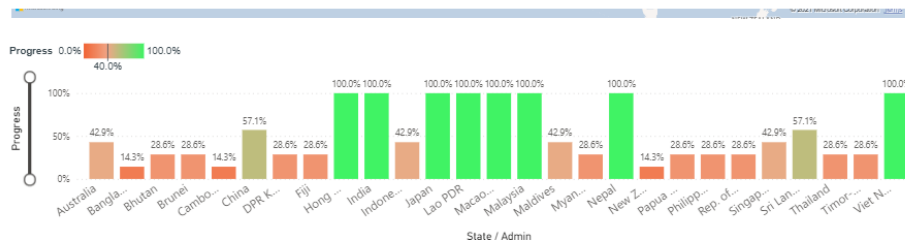
<https://www.icao.int/safety/Pages/GRF.aspx>



GRF Implementation Map

Implementation Map

States are reporting their implementation status against a subset of the generic implementation milestones. The current status is presented through the map below, which is not intended to be used for operational purposes.



The below table shows the details of the GRF implementations. Please note the green check mark means the milestone has been achieved and the dates in red text show the milestones which are not achieved yet with the planned dates already passed.

Average by Milestones	92.6%	88.9%	44.4%	40.7%	33.3%	33.3%	33.3%
State / Admin	GRF2	GRF4	GRF7	GRF10	GRF11	GRF14	GRF15
Australia	✓ 4-Aug-21	✓ 1-Oct-21	✓ 1-Oct-21	30-Jun-22	30-Jun-22	30-Jun-22	30-Jun-22
Bangladesh	✓ 4-Aug-21	15-Oct-21	16-Dec-21	15-Jan-21	15-Feb-21	1-Jul-22	4-Aug-21
Bhutan	✓ 31-Jan-21	✓ 1-Mar-21	30-Sep-21	31-Oct-21	31-Dec-21	30-Apr-22	4-May-22
Brunei	✓ 30-Apr-20	✓ 23-May-20	31-Jul-20	15-Aug-20	31-Aug-20	15-Oct-20	4-Nov-21
Cambodia	✓ 28-May-20	22-Jun-20	5-Oct-20	26-Feb-21	31-May-21		4-Nov-21
China				✓ 3-Sep-21	✓ 17-Dec-20	✓ 15-Oct-21	✓ 4-Nov-21
DPR Korea	✓ 15-Apr-21	✓ 30-Apr-21	15-Jun-21	30-Jun-21	15-Jul-21	15-Oct-21	4-Nov-21



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THANK YOU!