GLOBAL REPORTING FORMAT (GRF) IMPLEMENTATION EXPERIENCE

Presented by NIGERIA

@ THE VIRTUAL REGIONAL WORKSHOP ON THE IMPLEMENTATION OF GLOBAL REPORTING FORMAT (GRF) FOR RUNWAY SURFACE CONDITION 12-13 APRIL, 2022.
NIGERIA GRF IMPLEMENTATION

CONTENTS:

- Introduction
- GRF Implementation milestones
- Impact of change on (procedures, equipment, personnel and risk)
- Challenges
- Way forward/Conclusion
INTRODUCTION:

Global Reporting Format (GRF) Implementation kick started in Nigeria in June, 2020 with the Designation of a Focal Point to coordinate activities. Nigeria adopted ICAO implementation action plan template and designed GRF Roadmap to drive the process.

BAGASOO through the Aerodrome Focal Point meetings in conjunction with ICAO-WACAF supported Nigeria GRF implementation.
GRF 1
Amend Regulation, Develop and Disseminate Procedures.

GRF 1.1
Notification of GRF requirements & Implementation to Stakeholders – Stakeholders virtual meeting.

GRF 2
Designate a focal point to coordinate implementation activities at the national level.

GRF 3
Identify concerned Departments in each entity (NCAA, Airport operator-FAAN, ANSP- NAMA, NIMET, Airline operators – Air peace, Overland etc.)

GRF 4
Establish a local implementation team including staff from the identified departments (inaugurate team with clear terms of reference).

GRF 5
Conduct the initial GRF training for the personnel.

GRF 6
Identify procedures and guidance materials to be developed/amended.

GRF 7
Develop a detailed national implementation plan, each entity should establish its specific implementation plan.

GRF 8
List necessary means and resources for the implementation (human and material resources)

GRF 9
Develop procedures and guidance material.

GRF 10
Provide necessary means and resources for the implementation (human and material resources).

GRF 11
Conduct on-the-Job training (OJT) on the GRF implementation.

GRF 12
Perform tests prior to the effective implementation.

GRF 13
Review the GRF implementation test.

GRF 14
GRF for RCR implementation date
4 Nov. 2021
<table>
<thead>
<tr>
<th>S/N</th>
<th>ACTION ITEMS</th>
<th>ACTION TAKEN</th>
<th>% COMPLETION</th>
</tr>
</thead>
<tbody>
<tr>
<td>GRF 01</td>
<td>Review ICAO provisions and guidance and other organizations guidance (Amend regulations, develop and disseminate procedures)</td>
<td>Regulations committee has amended the relevant portions of the Nig.CARs, ASM and MOS. However, an “ORDER” Civil Aviation Order has been issued to the industry and this will suffice pending the approval of the amended Regulations after undergoing the NCAA Rulemaking process as required.</td>
<td>90%</td>
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<tr>
<td>GRF 02</td>
<td>Designate a focal point to coordinate implementation activities at the national level</td>
<td>Mrs. Chukwudumebi-Azeh Calista is designated as focal point</td>
<td>100%</td>
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<td>GRF 03</td>
<td>Identify concerned focal points in each entity (CAA, Airports, ANSP, Aircraft Operators in each entity (NCAA, Airport operator- FAAN, ANSP - NAMA, Airline operators – Air peace, Overland etc.)</td>
<td>Letters have been sent out and nominations received from concerned stakeholders (AO, ANSP, Airlines) as required</td>
<td>100%</td>
</tr>
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<td>GRF 04</td>
<td>Establish an implementation coordination team including staff from the identified stakeholder’s entities</td>
<td>NCAA Team were drawn from Flight Operations, AIS/ATM, Aerodrome Operations &amp; Aerodrome Engineering respectively. Concerned stakeholders include Aerodrome Operator: FAAN, ANSP: NAMA, Aircraft Operators (Airlines): Air peace, Overland, DANA etc. The was inaugurated in April, 2021 by DG - NCAA</td>
<td>100%</td>
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<td>GRF 05</td>
<td>Conduct the initial training for CAA, Airports, ANSP and Aircraft Operators’ personnel (ICAO/ACI/IATA online courses, national awareness workshop etc).</td>
<td>ICAO regional Seminars/Webinars/ virtual Trainings conducted in May, June and September 2021 and internal training conducted by operator (FAAN) 4th – 7th October, 2021 for Lagos &amp; PHC, 25th – 29th October,2021 for Abuja and Kano ACII/ICAO/BAGASOO GRF Training &amp; Re-training.</td>
<td>75%</td>
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<td>GRF 06</td>
<td>Identify regulations, standards, procedures and guidance materials to be developed/amended</td>
<td>Advisory Circular (NCAA-AC-ARD0032) has been developed and published in line with ICAO Circular 955 Assessment, measurement and reporting of runway surface condition handbook. However the regulation is awaiting approval.</td>
<td>90%</td>
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<td>GRF 07</td>
<td>Develop a detailed national implementation plan and safety risk assessment</td>
<td>Yet to be completed.</td>
<td>40%</td>
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<td>GRF 08</td>
<td>Identify the necessary means and resources for the implementation (human, financial and material resources)</td>
<td>Virtual &amp; in house training for ANSPs &amp; Aircraft Operators specific trainings</td>
<td>55%</td>
</tr>
<tr>
<td>GRF 09</td>
<td>Consult with Airport Runway Safety Teams</td>
<td>RSTs at all the International Airports including Kaduna Airport were deployed as the Local GRF Implementation team</td>
<td>100%</td>
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<td>GRF 10</td>
<td>Provide necessary means and resources for the implementation (human and material resources) Develop and promulgate regulations and standards</td>
<td>Civil Aviation Order “ORDER” NCAA/CAO/2021/001 has been issued and uploaded on the CAA website pending approval of the amended Regulations</td>
<td>65%</td>
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<td>GRF 11</td>
<td>Develop procedures and guidance material</td>
<td>SOPs were developed and included in the Operators Manual (MMA, NAIA, MAKIA, PHIA &amp; AIIA. However, the procedures need to be amended for acceptance</td>
<td>40%</td>
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<td>GRF 12</td>
<td>Provide the necessary means and resources for the implementation (human, financial and material resources)</td>
<td>The Airport Operator (FAAN) has provided internal training to its field personnel and deployed measuring Rulers, RCR Form booklets, hand held radio(Walkie-talkie), cover-all,vehicles.</td>
<td>75%</td>
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<td>GRF 13</td>
<td>Conduct on-the-job Training (OJT) on the implementation</td>
<td>The internal training conducted by the operator (FAAN) at four regional airports (Lagos, Abuja, Port Harcourt and Kano) for all safety critical personnel involving the RSTs at these airports in October, 2021 and this will suffice for the conduct of OJT. The Scenarios, exercises and group presentations as well as practical field assessment conducted during the training were qualified to be sufficient.</td>
<td>75%</td>
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<td>GRF 14</td>
<td>Perform tests/trials prior to the effective implementation</td>
<td>PHIA, NAIA, MMA, MAKIA, AIIA conducted GRF Trial Run in readiness for the Applicability Date November 4 though not all the action items have been completed. However it was not in coordination with other stakeholders.</td>
<td>40%</td>
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<td>GRF 15</td>
<td>Applicability date for the new methodology for assessing and reporting runway surface conditions</td>
<td>Partially compliant due to some delays with the adequate completion of GRF 5,7,8, 11,13 &amp; 14 action items.</td>
<td>60%</td>
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</table>
Review ICAO provisions and guidance and other organizations guidance (Amend regulations, develop and disseminate procedures)

Designate a focal point to coordinate implementation activities at the national level

Identify concerned focal points in each entity (CAA, Airports, ANSP, Aircraft Operators)

Establish an implementation coordination team including staff from the identified stakeholder’s entities

Conduct the initial training for CAA, Airports, ANSP and Aircraft Operators’ personnel (ICAO/ACI/IATA online courses, national awareness workshop etc)

Develop a detailed national implementation plan and safety risk assessment

Identify regulations, standards, procedures and guidance materials to be developed/amended

Develop procedures and guidance material

Conduct the on-the-job training (OJT) on the implementation

Perform tests/trials prior to the effective implementation

Applicability date for the new methodology for assessing and reporting runway surface conditions

GRF 01
GRF 02
GRF 03
GRF 04
GRF 05
GRF 06
GRF 07
GRF 08
GRF 09
GRF 10
GRF 11
GRF 12
GRF 13
GRF 14
GRF 15
THE JOURNEY SO FAR…. 

- Composition Of GRF National Implementation Committee and inaugurated in April, 2021

- Establishment of GRF Local Implementation Teams by deployment of RSTs at the five (5) International Airports following our phased implementation approach

- Regular committee/Local team meetings to discuss implementation modalities

- Participated in series of ICAO webinars/virtual regional seminars/Workshops/trainings
NIGERIA GRF IMPLEMENTATION

THE JOURNEY SO FAR....

- Developed and disseminated Advisory Circular on Procedures and Guidance Material (NCAA-AC-ARD0032)
- Issued an “All Stakeholders Letter” on GRF Implementation
- Completed the ICAO Notification of Compliance Form
- Held Stakeholders meeting on 22nd October, 2021 in addition to an all Stakeholders letter to notify and create industry awareness of the new ICAO requirement
Coordinating and Collaborating with Agencies involved to carry out their responsibilities in respect of making changes to organizational policies and procedures as well as the impact of change (Risks and mitigations).

Reviewed SOPs submitted by Airport Operators for completeness and correctness.

Made presentations at 2021 safety week/meetings to increase GRF implementation awareness for industry buy-in.
Arranged with Ghana Airport Corporation and conducted initial training (virtual) for ANSP-NAMA on November 2, 2021

Issued Civil Aviation Order (CAO- NCAA/CAO/2021/001) to suffice pending the approval of the amended regulation in line with NCAA Rulemaking process
GRF IMPACT OF CHANGE

Making changes to organizational policies and procedures in coordination with all concerned stakeholders.

Provision of necessary means (Human & material resources) to support GRF implementation.

Awareness training of stakeholders personnel.

Conduct of safety risk assessment.
The identified changes were addressed via:

Advising the Operator to develop GRF implementation procedures and ANSP to make changes to the SNOWTAM form using guidelines detailed in the Advisory Circular (AC): NCAA-AC-ARD0032 and the need to conduct safety risk assessment on the impact of change.
Engaged in the sensitization and creation of GRF industry awareness

Encouraged Aerodrome Operator and ANSP to provide equipment/tools to support GRF implementation

Disseminating invitation letters of ICAO regional GRF webinars/online trainings to all concerned entities and internal arrangement for specific trainings

Encouraged members/concerned personnel to surf the internet for GRF online free trainings to keep abreast of the GRF implementation principles, modalities, challenges and way forward.
PRACTICAL FIELD ASSESSMENT DURING INTERNAL GRF TRAININGS
AVAILABLE EQUIPMENT/TOOLS
CHALLENGES:

- Timely completion of the National Regulations amendment process.
- Adequate provision of means and resources (human and material resources)
- Conduct of On-the-Job Training (OJT) for all concerned stakeholders personnel
- Dry run test of the process and procedures in coordination with all concerned agencies
- Coordination with GRF concerned stakeholders
CONCLUDING REMARK

GRF Concerned Stakeholders should:

- Endeavor to ensure that their key GRF personnel are equipped and updated with the requisite knowledge

- Provide adequate means and resources to support GRF implementation at our airports

- Senior management commitment and support towards the effective GRF implementation by giving approvals to GRF related plans/activities
WAY FORWARD: Cont'd.

- Building very strong synergy amongst all stakeholders through effective collaboration and coordination to support GRF implementation in Nigeria.
WAY FORWARD: Contd.

- By-in/acceptance by appropriate entities
- Continuous training and retraining of all concerned personnel
- Effective follow-up /oversight activities of the GRF implementation by NCAA Inspectors
- Continuous coordination and support from ICAO and other international organizations (IATA, BAGASOO, CANSO, etc..)
Thanks for listening!