Runway Safety Team

The Role of the Regulator

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Regulator's Role in Runway Safety

The regulator plays an important role as the facilitator, mediator and overseer of all runway safety activities.

State Runway Safety Responsibilities

Incorporate runway safety into all State safety activities to create a facilitating environment for Runway Safety Teams (RSTs) to operate.

Oversee the development and effective implementation of runway safety programs .

Ensure coordination between and among RSTs, ICAO regional offices, industry organizations and other stakeholders.

State Runway Safety Activities

- Runway safety policy and objectives

- Runway safety risk management

- Runway safety assurance

- Runway safety Promotion

Runway Safety Policy and Objectives

- Establish National Runway Safety steering committee(s) to provide general direction and supervision to RSTs, including policy and rule-making.

- Develop runway safety policy requiring RSTs to be established during aerodrome certification and ANSP operational approval.

- Ensure that all certification and operational approvals are granted in accordance with national regulations and ICAO Standards and Recommended Practices.

National and Regional Runway Safety Policy Interface

Regulators should participate in all regional activities for runway safety.

Ensure that regional plans are implemented locally by developing National Action Plans to improve runway safety.

Provide local RSTs with insight into all regional runway safety concerns and their resolution and ensure that RSTs align their activities with national requirements and the regional focus.

Runway Safety Risk Management

Collect and analyze all runway safety data and information is provided by aerodrome operators and ANSPs.

Promulgate guidance material to enable Aerodrome and ANSP RSTs to perform appropriate hazard identification and risk assessment.

Intervene, where appropriate, to resolve issues that affect runway safety through coordination and direction as necessary.

Runway Safety Hazards

The **RST** at this airport has identified three (3) hazards.

High ATC Workload

Pilots performing mandatory head-down tasks, which reduces situational awareness

Failure to obtain clearance to enter the runway

Different competency levels among vehicle operators

How can the Regulator assist the RST to address these hazards?

Regulator Actions

Intervene, where appropriate, to assist RSTs to resolve these runway safety issues.

Participate in RST meetings to provide information on regulatory matters and mediate, as necessary.

Promulgate regulations to standardize training and checking requirements for pilots, air traffic controllers and airport personnel including Airside Vehicle Operators.

Facilitate the exchange of safety information from the CAA or other relevant agencies that could be of use to the RST.

Runway Safety Assurance

- Conduct surveillance of RST activities to ensure that runway safety activities are effective.

- Ensure that all safety activities are consistently applied and the performance of the RST measured and internally monitored.

- Ensure that risk mitigation measures proposed by the RST are administered in a timely and effective manner.

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Runway Safety Promotion

- Inform personnel of causal or contributory factors in runway safety issues as identified through the analysis of safety data.

- Ensure that lessons learned are disseminated widely

- Promote the use of incident reporting systems by industry and ensure that reports are distributed to the appropriate RST

State Regulatory Responsibilities

- Take measures to reduce lack of effective implementation in each critical element of State Oversight System.

- Educate CAA staff on the regulator's role to support RSTs and provide technical guidance on how to fulfill responsibilities.

- Ensure that the CAA is adequately staffed to effectively undertake all State safety activities.

Oversight Critical Elements and Relationship to Accident Rates

Critical Element	Relationship to Accident Rates
CE 8 (Resolution of Safety Concerns)	very strong
CE 6 (Licensing and Certification)	very strong
CE 3 (State Civil Aviation System and Oversight Functions)	very strong
CE 7 (Surveillance Obligations)	very strong
CE 2 (Specific Operating Regulations)	medium
CE 5 (Procedures and Technical Guidance)	medium
CE 4 (Qualifications and Training of Technical Personnel)	medium
CE 1 (Primary Aviation Legislation)	weak

Source: M. S. Jallow
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Runway Safety is Everybody's Business

A collaborative approach to runway safety is key to the success and effectiveness of all runway safety programmes and initiatives

The regulator plays an important role as facilitator, mediator and overseer of all runway safety activities

THANK YOU