

# UAE National Runway Safety Team Initiative

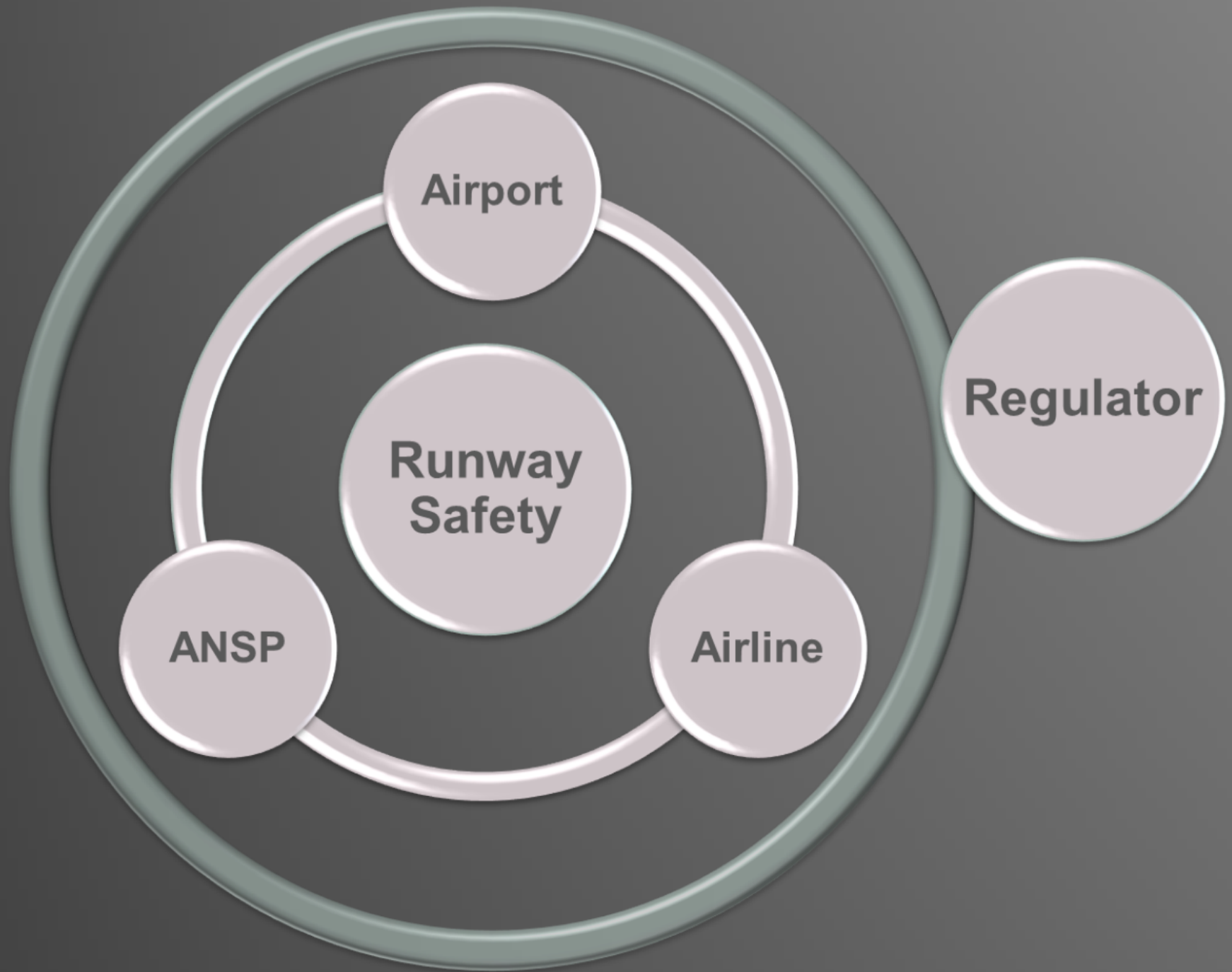
*Presented by:*

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*Aerodrome Ops Inspector & NRST Coordinator*

*UAE General Civil Aviation Authority*







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# Committees

**Aerodrome  
Apron Safety  
Sub Group**

**Air Traffic  
Control  
Technical  
Committee**

**Aerodrome  
Operators  
Technical Users  
Group**

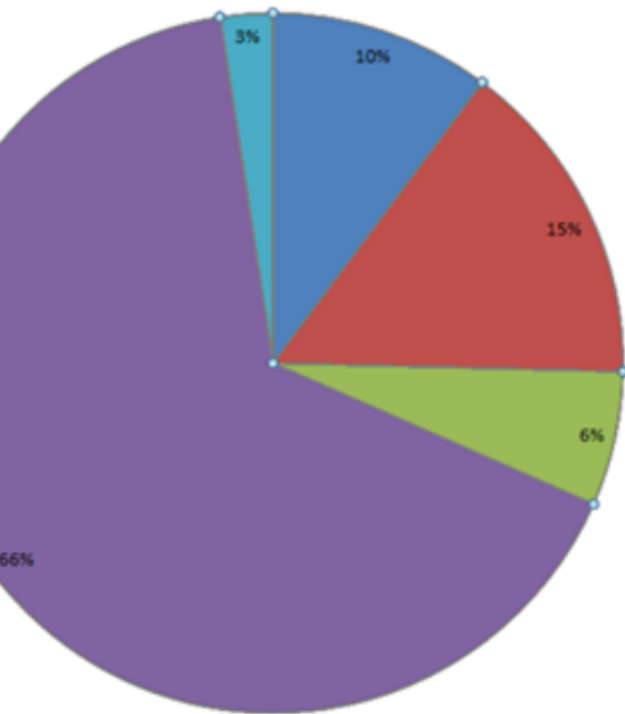
**Aerodrome  
Radiotelephony  
Working Group**

**Continuous  
Friction  
Measuring  
Equipment  
Working  
Group**





# NRST Study Group



Pilot (66%)



Emergency Services (6%)



Airside Drivers - Manoeuvring Area - (15%)



Air Traffic Control (10%)



Regulator (3%)

**Creation of  
Local Runway  
Teams**

**Focus on Airside  
Drivers with  
Authorised Access to  
Runway**

**Pilot  
Continued  
Competency  
Training**

**Creation of  
Guidance regarding  
Stop Bars &  
Signage**

**ATC  
Continued  
Competency  
Training**

**GCAA  
Safety  
Promotion**





# National Runway Safety Team

## Safety Plan

### 2014 – 2016



# Creation of LRSTs

## 2014

- Regulation to support establishment of Local Runway Safety Teams
- Guidance material for LRSTs including participation, data sharing & safety initiatives
- Direct support for LRST Involvement
- Host events to support LRSTs

## 2015

- Generic guidelines for local runway safety awareness campaigns

## Creation of Guidance regarding Stop Bars & Signage

### 2014

- Guide for Standardising and Managing the Use of Stop Bars & Runway Signage & Markings
- Stakeholders Review against Guidance
- Stop Bar Training requirements added to Stakeholder Training Curriculum
- Stakeholders Promotional Campaigns
- Published local Stop Bar Procedures & Contingency Plans

### 2015

- Aerodrome Operators to ensure publication of Aerodrome Stop Bar Usage (H24 etc) & Stop Bar Contingency Plans are published in the Aerodrome Manual and UAE AIP
- Airside Drivers handbook including Stop Bar information



## **Focus on Airside Drivers with Authorized Access to Runway**

### **2014**

Runway Safety Presentation for vehicle drivers operating in close proximity of the runway  
Providing Runway Safety Presentations and Information to LRSTs at UAE airports for inclusion into current driving training syllabus.

### **2015**

Develop generic procedures for lost drivers  
Develop driver training guidelines document  
Roadshow targeting Operational Staff  
Template for memorandum of understandings with various operators (outside UAE regulation) and agencies in order to expand participation in the LRST.

### **2016**

Develop generic driver assessment modules

# ATC Continued Competency Training

- Radio telephony guidance materials (CAAP 69)
- Industry awareness and understanding of ANSIN 001/2012 - Unstable Approaches
- Sharing of company safety information, de-identified incident data and lessons learned; and
- Development of NRST circulars in relation to guidance regarding Standard Operating Procedures (now), continued competency programs and lessons learned.

# Pilot Continued Competency Training

## 2014

- Training content guideline for runway safety elements
- Airline Operator participation in LRSTs

## 2015

- Runway Safety Survey
- Campaign/Workshop for Pilots
- Sharing of safety information, de-identified incident data and lessons learned;
- Establishment of stabilization criteria
- Improved communication with local air traffic service units regarding operational expectations



# GCAA Promotion

## 2014

- Runway Incursion Prevention Brochure
- NRST Web Board
- Visit to Local Runway Safety Teams
- Regional Runway Safety Seminar
- Safety Plan Review and Publication of Runway Safety Brochures

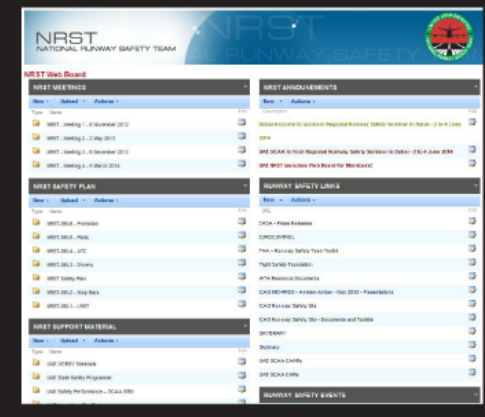


## 2015

- Roadshow to LRSTs and selected operational staff

## 2016

- Conduct runway safety training workshops



## RUNWAY SIGNS, MARKINGS & STOP BAR LIGHTS

EACH TAXI SCENARIO IS DIFFERENT,  
USE TAXI DIAGRAM



## PREVENTING RUNWAY INCURSIONS



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FACEBOOK.COM/GCAAUAE  
GCAA.GOV.AE  
GCAA\_UAE

BUILDING  
THE FUTURE OF  
AVIATION  
TOGETHER





**NRST Web Board**

**NRST MEETINGS**

New | Upload | Actions

Type	Name	Edit
	NRST - Meeting 1 - 8 November 2012	
	NRST - Meeting 2 - 2 May 2013	
	NRST - Meeting 3 - 9 December 2013	
	NRST - Meeting 4 - 5 March 2014	

**NRST SAFETY PLAN**

New | Upload | Actions

Type	Name	Edit
	NRST-SEI-6 - Promotion	
	NRST-SEI-5 - Pilots	
	NRST-SEI-4 - ATC	
	NRST-SEI-3 - Drivers	
	NRST Safety Plan	
	NRST-SEI-2 - Stop Bars	
	NRST-SEI-1 - LRST	

**NRST SUPPORT MATERIAL**

New | Upload | Actions

Type	Name	Edit
	UAE VORSY Materials	
	UAE State Safety Programme	
	UAE Safety Performance – GCAA SRM	

**NRST ANNOUNCEMENTS**

New | Actions

Description	Edit
Dubai Airports to sponsor Regional Runway Safety Seminar in Dubai - 2 to 4 June 2014	
2014	
UAE GCAA to Host Regional Runway Safety Seminar in Dubai - 2 to 4 June 2014	
UAE NRST launches Web Board for Members!	

**RUNWAY SAFETY LINKS**

New | Actions

URL	Edit
EASA - Press Releases	
EUROCONTROL	
FAA – Runway Safety Team Toolkit	
Flight Safety Foundation	
IATA Resource Documents	
ICAO MID-RRSS - Amman-Jordan - May 2012 - Presentations	
ICAO Runway Safety Site	
ICAO Runway Safety Site - Documents and Toolkits	
SKYBRARY	
Skybrary	
UAE GCAA CAAPs	
UAE GCAA CARs	

**RUNWAY SAFETY EVENTS**



الهيئة العامة للطيران المدني  
GENERAL CIVIL AVIATION AUTHORITY

Thank you

