



International Civil Aviation Organization

**Third Meeting of the Asia Pacific Accident Investigation Group
(APAC-AIG/3)**

(Colombo, Sri Lanka, 23 - 24 June 2015)

Agenda Item 6: Regional Cooperation

PARTICIPATION IN FOREIGN INVESTIGATION EXERCISE

(Presented by Singapore)

SUMMARY

This paper highlights AAIB Singapore's recent experience in participating in an investigation exercise organised by a foreign counterpart.

1. INTRODUCTION

1.1 The General Civil Aviation Authority (GCAA) of the United Arab Emirates (UAE) organised an investigation exercise at the Ras Al Khaimah (RAK) airport on 8 – 11 December 2014. The Air Accident Investigation Bureau (AAIB) of Singapore was invited to participate in the exercise.

2. DISCUSSION

2.1 The objective of the exercise was for the UAE GCAA investigators to familiarise themselves with their newly acquired equipment (3D laser scanner and two UAVs), meant to be used for accident site documentation. The AAIB participated in this exercise by deploying its remotely controlled aerial vehicle (RCAV).

2.2 The RAK airport authority graciously allowed the exercise to be held in their aerodrome and allocated a disused aircraft to be used as the object for the accident site documentation exercise.

2.3 The exercise participants included five UAE GCAA investigators, one Saudi Arabia Aviation Investigation Bureau investigator, two AAIB investigators and observers from the RAK airport authority and a local operator.

2.4 The observers of the exercise were able to witness the use of advanced equipment to shorten the time required for documenting a complex accident site. As for the investigators, the exercise provided an excellent platform for discussion on how to further optimise the operation of the equipment.

2.5 The AAIB is grateful that the UAE GCAA invited us to participate in the exercise. It provided us with an opportunity to operate our RCAV in an aerodrome environment and to practise creating a digitally stitched image using the numerous photographs obtained using the RCAV.

3. ACTION BY THE MEETING

3.1 The Meeting is invited to:

- a) Note the value of organising investigation exercises that include foreign participants; and
- b) Encourage States/Administrations to consider organising accident/incident investigation related training activities and consider inviting foreign participants.

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