



International Civil Aviation Organization
Asia and Pacific Office

Thirteenth Meeting of the Asia Pacific Accident Investigation Group (APAC-AIG/13)

(New Delhi, India, 30-31 October 2025)

Agenda Item 4: Enhancing Accident Investigation Capabilities

ATSB STRATEGIC PARTNERSHIP WITH RMIT UNIVERSITY OFFERING QUALIFICATIONS IN TRANSPORT SAFETY INVESTIGATION

(Presented by Australia)

SUMMARY

This paper provides an **update** on the Australian Transport Safety Bureau's (ATSB) partnership with RMIT University to offer graduate qualifications in Transport Safety Investigation.

1. INTRODUCTION

1.1 As previously established, the Australian Transport Safety Bureau (ATSB) has a strategic partnership with RMIT University designed to offer graduate qualifications in Transport Safety Investigation. Over the past seven years, approximately 170 industry personnel/students have subsequently gained the initial offering of the Graduate Certificate which consists of four bespoke units of competency being Investigation Readiness, Accident Investigation Fundamentals, Human Factors for Investigators and Investigation Analysis and Analytical Writing Techniques.

1.2 With a renewed focus on the next five years, RMIT (2025 and beyond) in conjunction with the ATSB will deliver the next level of the qualification being the Graduate Diploma. This program will offer another three bespoke units of competency accompanied by an RMIT elective unit, as follows:

- Advanced Accident Investigations – to investigate complex incident/accident scenarios across the aviation, rail and marine transport modes.
- Specialist Engineering Techniques in Transport Safety Investigations – to understand and appreciate the investigation techniques/applications used within the specialist disciplines of materials failure engineering and data recovery.
- Investigating Safety Management Systems in Transport Organisations – to investigate/analyse transport operators safety management systems to better determine organisational influences and potential safety actions.
- Choice of an elective – from a wide range of subjects/courses geared towards advanced engineering applications and/or research techniques. Including Intelligent Systems, Risk Management and Feasibility, Research Methods in Engineering, Advanced Transport Infrastructure, Radar Systems and Applied Analytics.

2. DISCUSSION

2.1 The RMIT/ATSB partnership has established a strong foundation over the past seven years to the extent it has facilitated seven Graduate Certificate programs resulting in approx. 170 graduates who have gained a formal qualification in Transport Safety Investigation.

2.2 Over the next five years, the partnership is committed to facilitating the Graduate Diploma program and potential additional qualifications.

2.3 The next intake for the Graduate Certificate opens on 1 October 2025. Further information can be found on the [RMIT website](#).

3. ACTION BY THE MEETING

3.1 The Meeting is invited to note the existing offerings being provided through the RMIT/ATSB partnership in transport safety investigation and its vision to extend these offerings across Asia-Pacific region to enhance the quality of accident investigations.

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