

Attachment Program: Brunei TSD & TSIB Singapore

APAC-AIG/13 Meeting

New Delhi

30–31 October 2025



Background



- Conducted: 11–28 August 2025 in Singapore
- Framework:
MOU on Cooperation in Transport Safety Investigation
- Focus: Aviation & Marine Safety (aviation emphasized)
- Guided by ICAO Annex 13



Objectives

- Strengthen technical knowledge and practical skills
- Apply ICAO Annex 13 requirements
- Familiarization with occurrence reporting & administration
- Enhance investigative competency
- Promote bilateral and regional cooperation

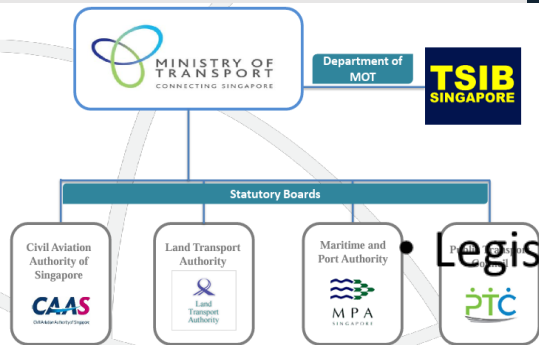


KEY LEARNING POINTS

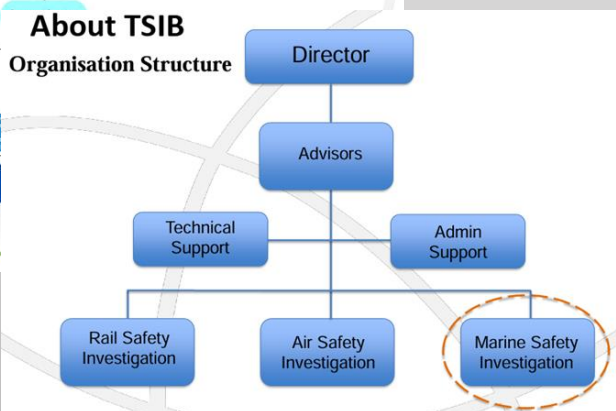
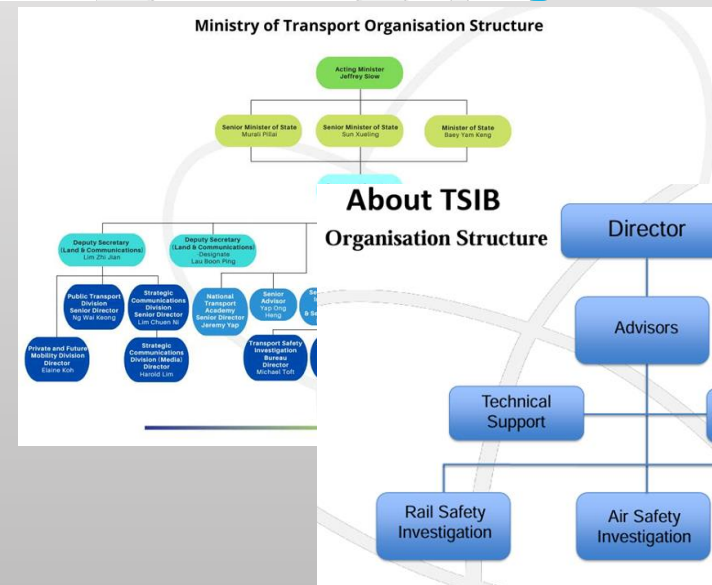
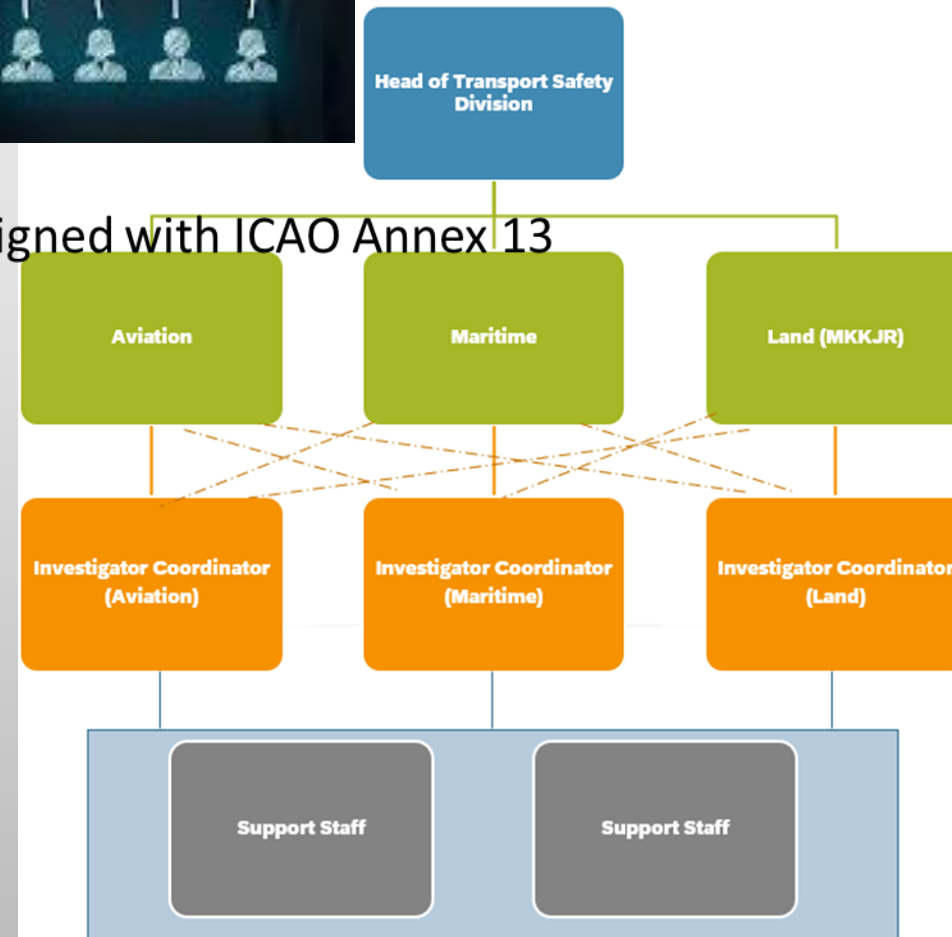


- Organization & Structure of investigation agency
- Legislation & Manuals aligned with ICAO Annex 13
- Occurrence Notification & Duty Officer System
- Audit Preparedness – ICAO USOAP 2026
- Investigation Operations & PPE use
- Intergovernmental Coordination
- Database Management & Analysis
- Flight Recorder Readout & Analysis
- Case Studies of aviation investigations

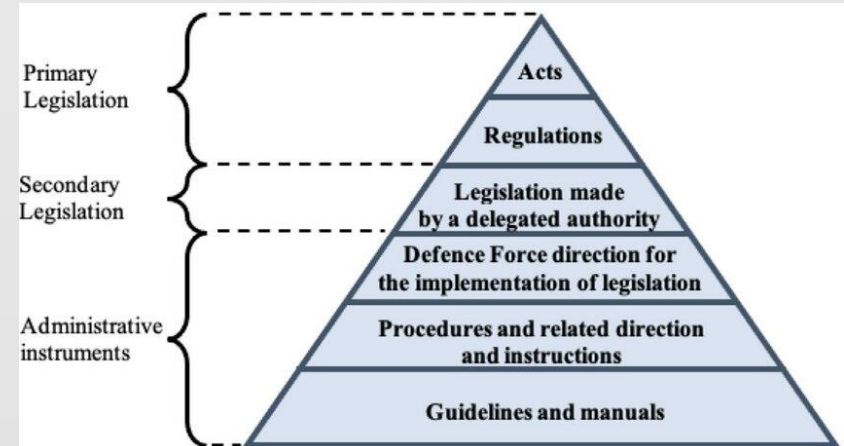
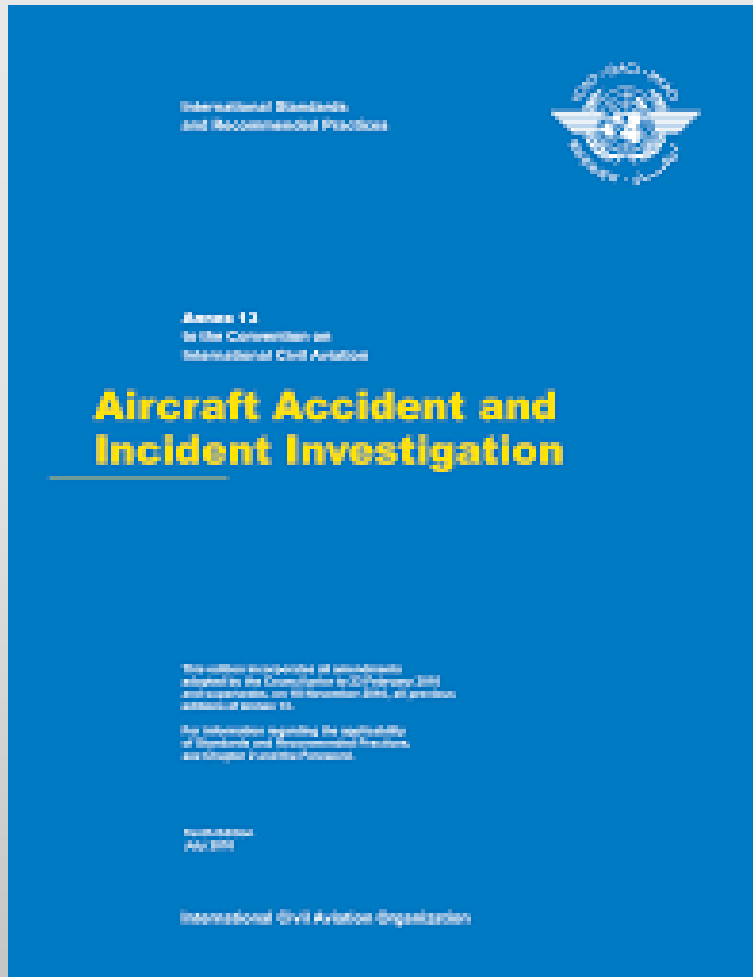
Organization & Structure of investigation agency



• Legislation & Manuals aligned with ICAO Annex 13



Legislation & Manuals aligned with ICAO Annex 13





Occurrence Notification & Duty Officer System

A dark blue poster for TSIB Singapore. At the top, it says "TSIB SINGAPORE" in yellow. Below that, "SAFETY INVESTIGATION" is written in yellow. There are three icons: an airplane labeled "AIR", a ship labeled "MARINE", and a train labeled "RAIL". Below these icons, three principles are listed: "NO BLAME", "LESSONS LEARNT", and "PREVENT RECURRENCE". At the bottom left is a QR code, and to its right is the text "To know more about TSIB".

TSIB
SINGAPORE

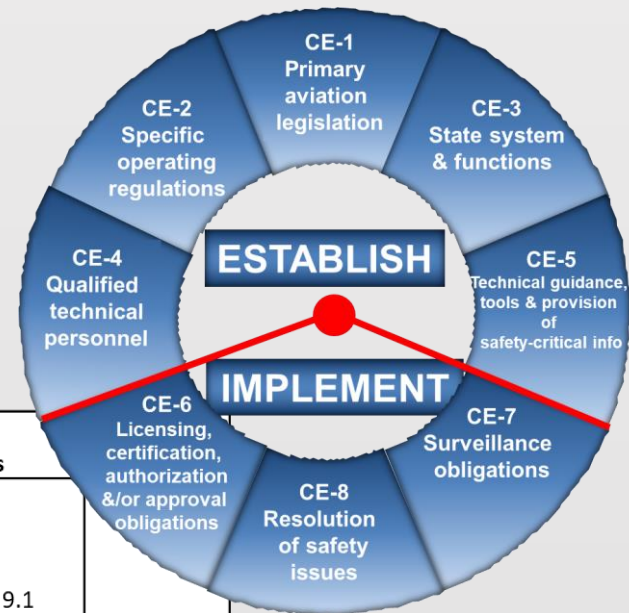
SAFETY INVESTIGATION

AIR MARINE RAIL

NO BLAME LESSONS LEARNT PREVENT RECURRENCE

 To know more about TSIB

Audit Preparedness – ICAO USOAP 2026



PQ No.	Protocol Question	Guidance for Review of Evidence	ICAO References
4.129	Has the State promulgated regulations for AOC applicants to establish procedures to ensure that the flight manual is updated by implementing changes made mandatory or approved by the State of Registry?	Verify the establishment and implementation of: a) relevant State regulations; b) applicable certification process; and c) operations inspectors' procedures.	STD A6 Part I, 11.1 Part III, Section II, 9.1 GM A6 Part I, Att. E, 3.4 z) & 6 Part III, Att. E, 3.4 r) & 6
4.103	Is the organizational structure of an AOC applicant reviewed to ensure that: a) duties, responsibilities and authorities are clearly defined, and b) functional tasks and lines of reporting are clearly delineated and duly documented?	1) Verify that applicable operations inspectors' guidance material, manuals, etc. have been developed and implemented. 2) Review exchange of letters with the applicant. 3) Verify that the safety management, quality assurance management and emergency management systems have been: a) established; b) documented; and c) implemented.	STD A6 Part I, 4.2.1.3 Part III, Section II, 2.2.1.3 GM Doc 8335 Part II, C2 Part III, C5

CE-6

Investigation Operations & PPE use



Intergovernmental Coordination

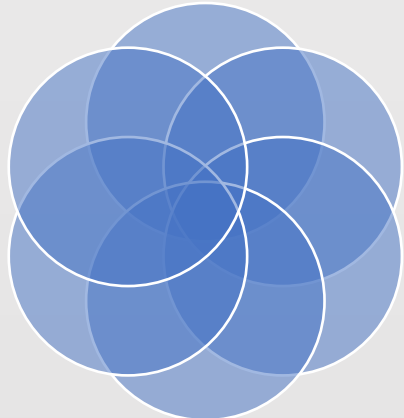
Other organisation that can provide expertise needed

Military

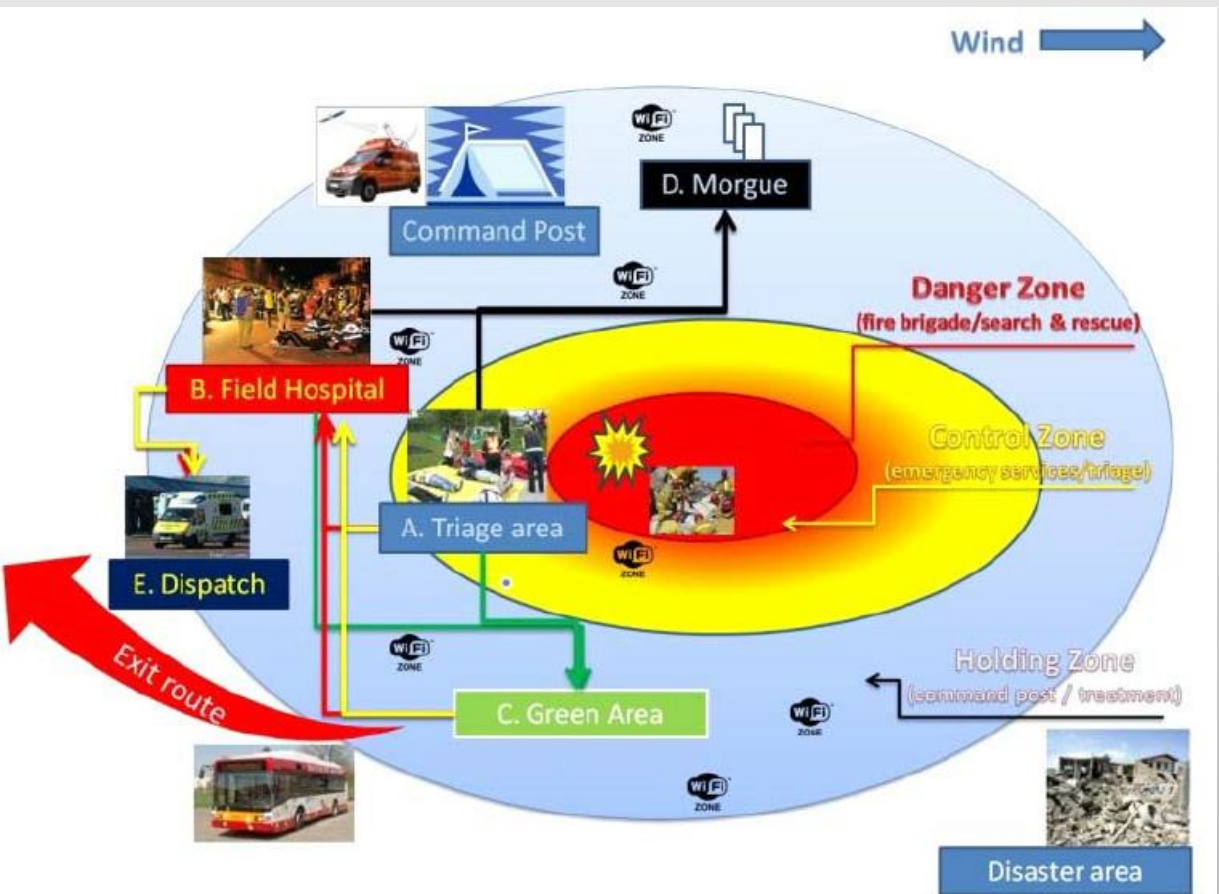
Judicial (local police)

Regulator

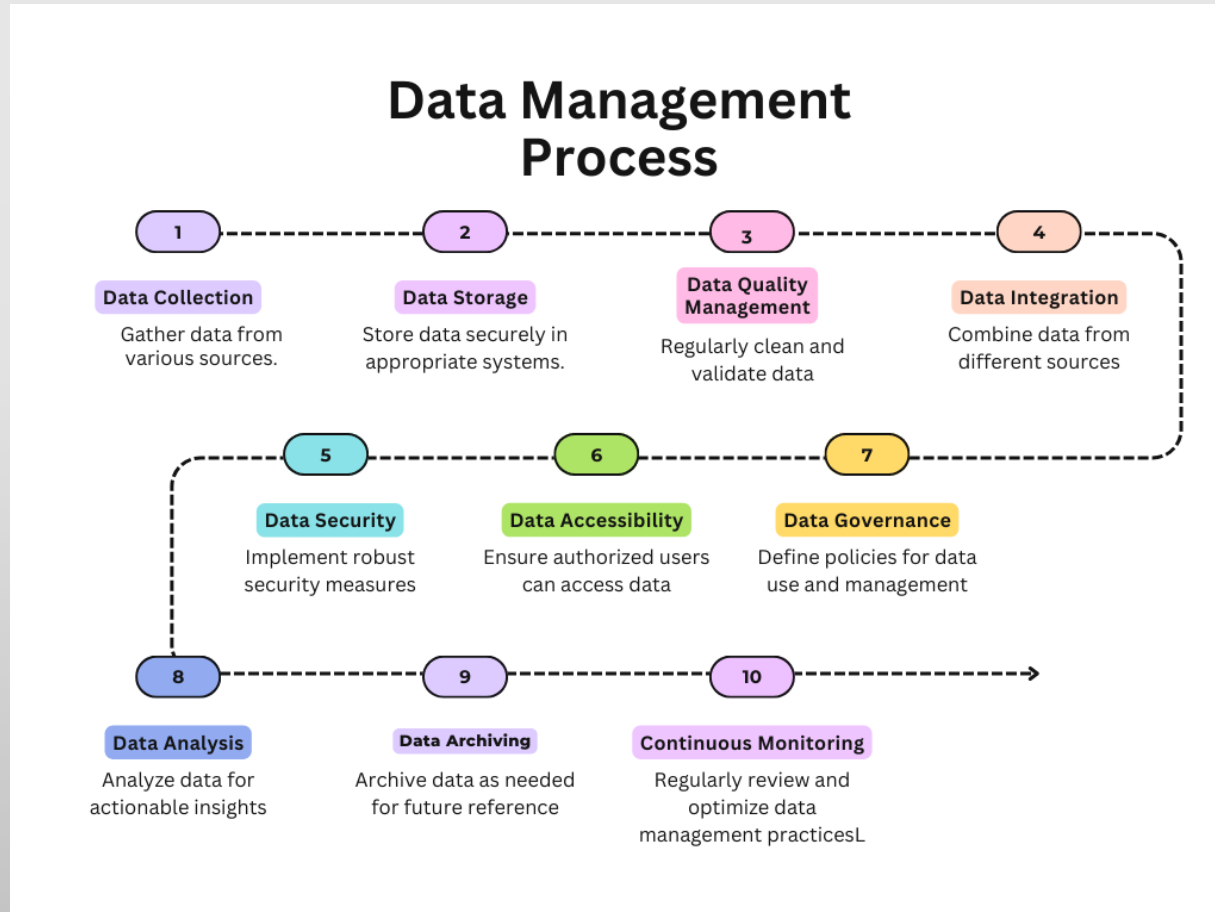
Airport operator/Emergency responders



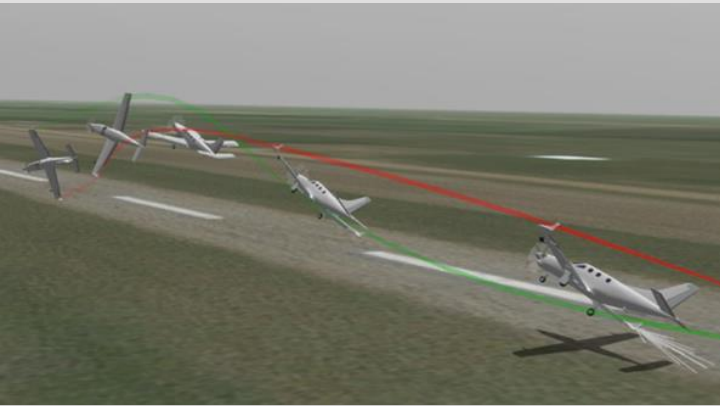
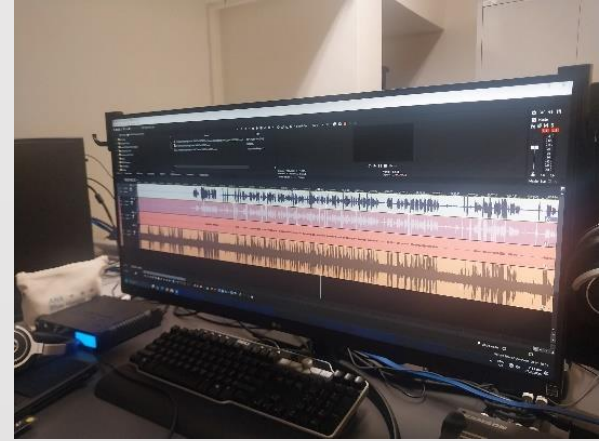
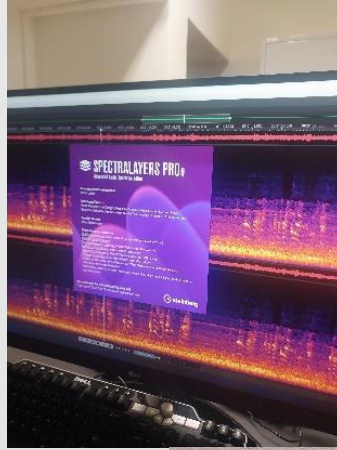
Health care/ medical agency



Database Management & Analysis



Flight Recorder Readout & Analysis



Case Studies of aviation investigations

The screenshot shows the website for the Ministry of Transport, Singapore. The header includes the logo and navigation links: WHO WE ARE, WHAT WE DO, NEWS, CONTACT US, and a search icon. The main heading is 'Air Safety Investigation Reports'. Below this is a breadcrumb trail: Home / What We Do / Transport Investigations / Air Safety Investigation Reports. The page is divided into two sections: 'ONGOING INVESTIGATIONS' and 'PAST REPORTS', each with a table of reports.

MINISTRY OF TRANSPORT
CONNECTING SINGAPORE

WHO WE ARE WHAT WE DO NEWS CONTACT US 🔍

Air Safety Investigation Reports

Home / What We Do / Transport Investigations / Air Safety Investigation Reports

ONGOING INVESTIGATIONS

Date	Classification	Aircraft	Description
20 May 2024	Accident	Boeing B777-300ER	Turbulence encounter (PDF, 62.24 KB)

PAST REPORTS

Date	Classification	Aircraft	Description
06 Oct 2024	Incident	Dassault Falcon 900EX (19 July 2024) and Bombardier Global 6000 (6 October 2024)	Two misaligned take-offs (PDF, 1.09 MB)
28 Aug 2024	Incident	Airbus A320-200neo and Boeing B777-300ER	Runway incursion (PDF, 419.38 KB)
19 Jul 2024	Incident	Hexadrone Tundra 2 (Urban) - Unmanned Aircraft	Unmanned aircraft uncontrolled flyaway (PDF, 775.34 KB)
19 Feb 2024	Incident	DrN-35LS - Unmanned Aircraft	Loss of unmanned aircraft at sea (PDF,

Cost

- No program cost
- Accommodation & travel borne by TSD Brunei



Action by the Meeting



- Successful completion of the attachment
- Encourage ICAO State Members to pursue similar programs
- Endorse the initiative as a model for regional capacity-building

Closing

- “Strengthening Safety Through Cooperation”
- Thank you

