



سلطنة عُمان
وزارة النقل والاتصالات وتقنية المعلومات
Sultanate of Oman
Ministry of Transport, Communications and
Information Technology



Transport Safety Bureau 1st Annual Report 2021



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Abbreviations

AAIS	Air Accident Investigation Section
AIB	Aviation Investigation Bureau
CAA	Civil Aviation Authority
CAL	Civil Aviation Law
CAR	Civil Aviation Regulation
DGMA	Directorate General of Maritime Affairs
ICAO	International Civil Aviation Organization
IMO	International Maritime Organization
ISASI	International Society of Air Safety Investigators
MAIS	Marine Accident Investigation Section
MENASASI	Middle East and North Africa Society of Air Safety Investigators
MOC	Memorandum of Cooperation
MSC	Maritime Security Center
MTCIT	Ministry of Transport, Communications & Information Technology
OTSB	Oman Transport Safety Bureau
RAIO	Regional Accident & Incident Investigation Organization
SARPs	Standards and Recommended Practices



OVERVIEW

Oman Transport Safety Bureau “OTSB” is an independent operational and administrative unit for air and marine accidents and incidents investigations under the direct supervision of the Minister of Transport, Communications & Information Technology, the Chairman of the Board of Directors of CAA under the Ministerial Decision No. 19/2018, based on Chapter X from the Oman Civil Aviation Law 76/2019 and in compliance with ICAO Annex 13 requirements & International Maritime Organization IMO MSC 255 (84).

The sole objective of OTSD investigations is the prevention of accidents and incidents and it is not the purpose of this activity to apportion blame or liability and outlining the Just Culture.

The OTSB is financially, administratively and operationally independent from the Regulators CAA and DGMA.

The OTSB maintains a 24/7 notification service receiving all reported events through hotline, e-mails and web forms.

OVERVIEW

In fulfilling its functions of advancing Air & Marine Safety, the OTSB:

- Conducts and institutes investigations of occurrences.
- Issues Safety Recommendations based on systematic processes.
- Follows up all Safety Recommendations.
- Ensures that occurrences are tracked and analyzed by collecting data to determine the presence of any adverse safety trends.
- Performs Safety Studies on safety concern related matters.

VISION

To be amongst the world's leaders in influencing changes that advance Air & Marine transportation safety.

MISSION

To improve Air & Marine transportation safety by determining the circumstances and root causes of accidents, serious incidents, incidents, and promoting action to prevent reoccurrence.

OVERVIEW

AAIS :

OTSB cooperates through AAIS with the Civil Aviation Regulator (CAA) and with relevant industries on issues relating to aviation safety. It also cooperates with International agencies and other States' investigation authorities in conformance with the International Standards and Recommended Practices (SARPs) of ICAO Annex 13 (Aircraft Accident & Incident Investigation) to the Convention on International Civil Aviation and in accordance with Chicago Convention Memorandums of Understandings and Cooperation to which the Sultanate of Oman is signatory to, in the interest of advancing aviation safety.

OVERVIEW

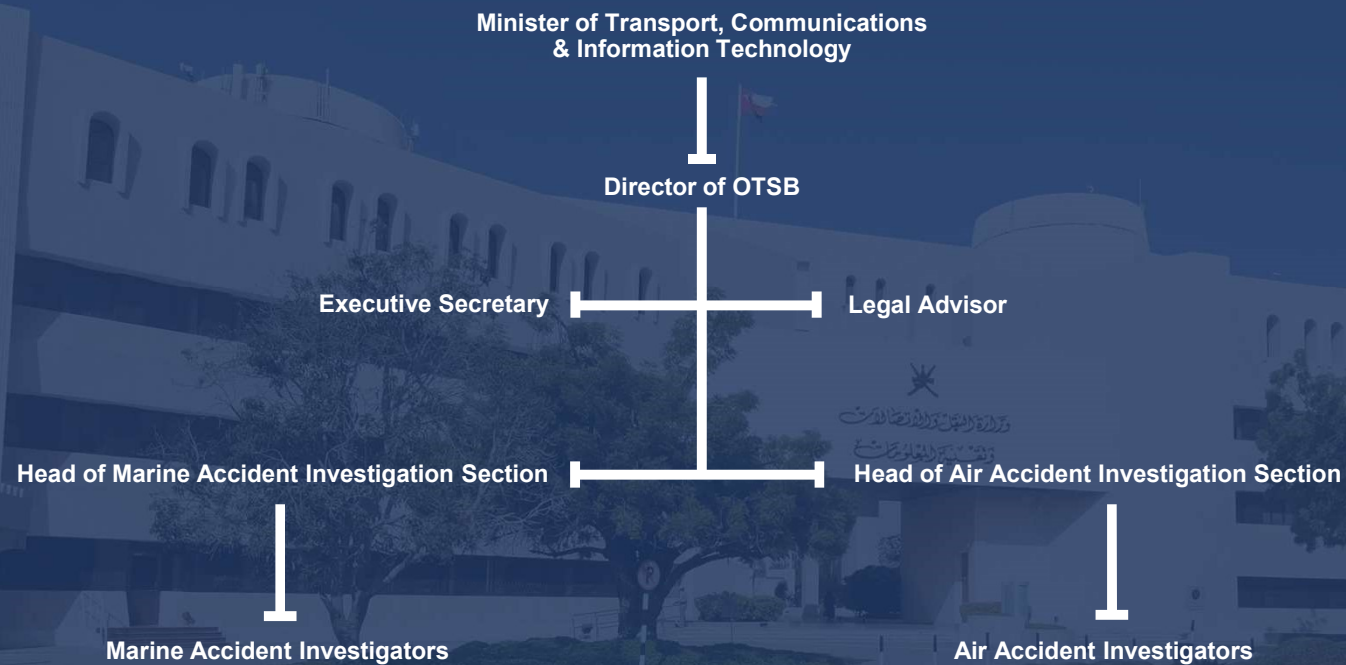
MAIS :

OTSB cooperates through MAIS with the Maritime Regulator DGMA and the industry on issues relating to maritime safety. It also cooperates with International agencies and other States' investigation authorities in conformance with the International Regulations and Standards of International Maritime Organization (IMO) , in the interest of advancing maritime safety.





ORGANIZATIONAL STRUCTURE



INTRODUCTION

This is the 1ST Annual Report since the establishment of the OTSB in 2019 and as per ICAO's and IMO's requirements and in compliance with CAR13 and MSC255(84) .The OTSB receives both Mandatory and Voluntary Safety Reports from national and international agencies which is a pre-condition for reporting systems that enables an organization to learn about the errors, hazards and risks inherent in its operations and thereafter safety recommendations will be issued and tracked accordingly.

OTSB was able to overcome and develop in many dimensions and keep strong engagement with stakeholders both locally and internationally.

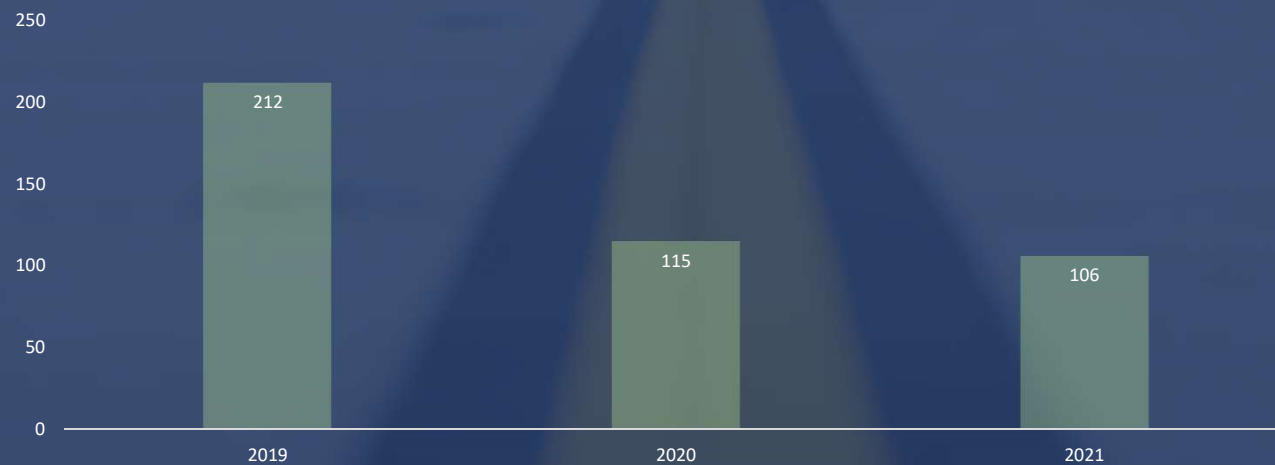
The report outlines OTSB's performance, achievements & progress since the establishment of the OTSB.



AAIS REPORT

The following outlines the last 3 years of the AAIS Air Safety Reports records from National operators as shown in the graph below. The number of reports decreased due to COVID19 flying restrictions in year 2020 & 2021.

Reported Air Safety Reports from 2019 to 2021





AAIS REPORTED OCCURRENCES BY CATEGORY



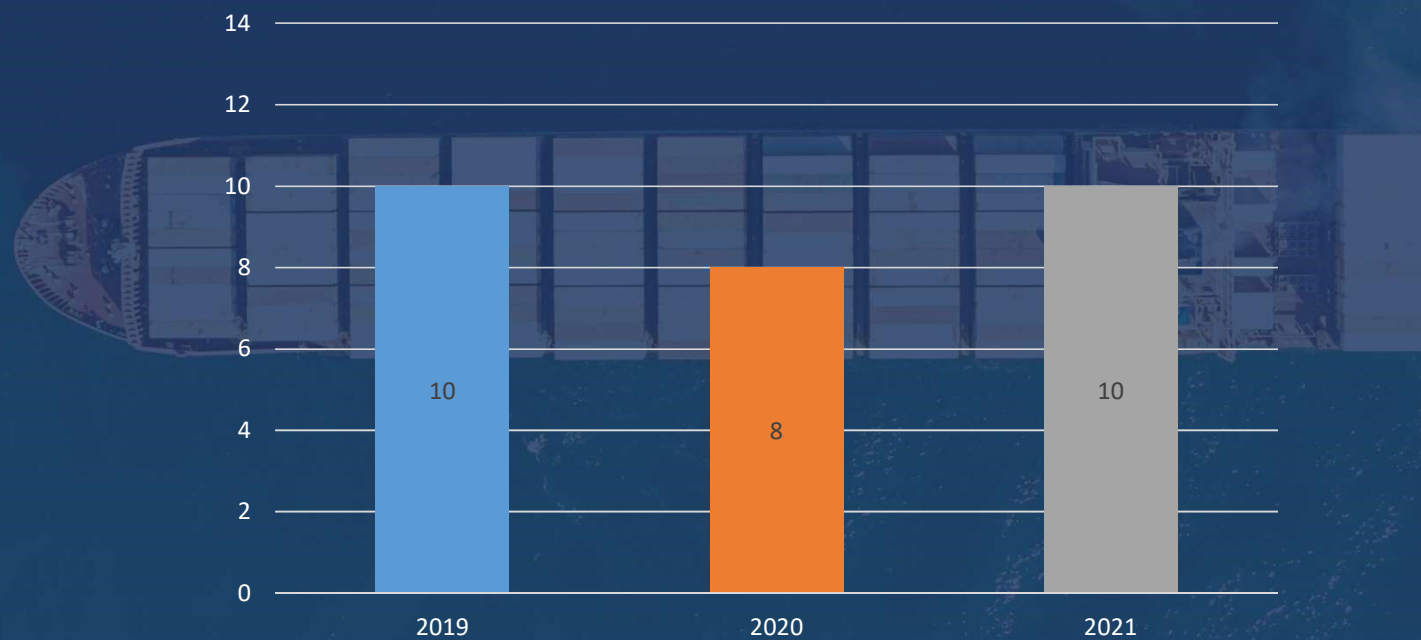
Reportable Incidents Year 2021



MAIS REPORT

The following outlines the last 3 years of the MAIS Accident records from MSC and other Authorities as shown in the graph below.

Marine Accidents Statistics



OTSB's ACHIEVEMENTS TIMELINE

2019

- Establishment of OTSB.
- Amended Chapter X of the CAL 76/2019.
- Seconded Air Accident Investigators.
- Seconded Marine Accident Investigators.
- Introduced the 24/7 Hotline Number.
- Reviewed the New draft of Maritime law related to MAI.

2020

- Amended CAR13 issued on 11/2020.
- Issued the AAI Manual issued on 02/2020.
- Issued the MAI Manual.
- Amended the MAI Regulation (75/2020)
- Purchased Investigation Tools & Equipment.
- Signed an MOC with Oman CAA.
- Obtained MENASASI Membership.
- Obtained MAIIF Membership

2021

- Obtained ISASI Membership.
- Signed an MOC with Salam Air.
- Launched OTSB portal in the MTCIT official website.
- Duty passports granted to Investigators by Ministry of Foreign Affairs.
- Investigators credentials granted by Ministry of Justice & Legal Affairs.

OTSB ENGAGEMENTS



Workshop on the Procedures for Investigating Aviation Accidents & Maritime Affairs

28.02.2021
Muscat, Oman

Arranged by Marine Security Center (MSC) as part of the workshop agenda to introduce OTSB to the official representatives of the government entities and members in the MSC, a presentation was delivered ended up with Q & A session.



SOME OF AAIS ENGAGEMENTS

ICAO Workshop Research and Rescue workshop

26-29.08.2019
Salalah, Oman

The workshop's objective was to apprise participants of the Global, Regional and Inter-regional Developments related to Search and Rescue, experienced means to ensure harmonized implementations of the Search and Rescue services.

Dolphin Exercise

16.10.2019
Muscat, Oman

OTSB members participated in an Emergency Drill Exercise arranged by Oman Airports of an aircraft that has crashed into the sea along with representatives from Royal Oman Police, Marine Security Center, Royal Air Force of Oman, Oman Civil Aviation Authority & other entities.

ICAO-MID Seventh Meeting of the RASG-MID Steering Committee (RSC7)

03-04.03.2020
Cairo, Egypt

The meeting discussed the Adoption of the Provisional Agenda and Election of RSC Co-Chairs, the global developments related to aviation safety, Regional Performance Framework for Safety and Coordination between RASG-MID and MIDANPIRG and also discussed the working arrangements and future work program.

8th Annual MENASASI Webinar & Workshop

17-18.11.2020
Abu Dhabi, UAE (virtual)

The MENASASI gathers in an Annual Seminar in which the air safety is promoted by the exchange of ideas, experiences and information about aircraft accident investigations and preventions, establish professional relationships among its members and promote the prestige, standing and influence of Air Safety Investigators in matters of aviation safety. The OTSB participated in the 2020 webinar with a presentation on Participation of States in Accident & Incident Investigations during COVID-19 Pandemic.

ICAO-MID First meeting of the Safety Enhancement Implementation Group(SEIG/1)

16 -18.11.2020
Cairo, Egypt (virtual)

Reviewed the Draft of MID-RASP 2020-2022 to improve aviation safety and to comply with ICAO SARPs and support MID States and industry in implementing the GASP 2020-2022 Edition

Aircraft Accident & Incident Investigation Practical Course – Oman Aircraft Control College (4weeks) Muscat

OTSB attended the Aircraft Accident & Incident Investigation Course that was conducted by Oman Aircraft Control College(OACC) as per the ICAO requirement.



SOME OF MAIS ENGAGEMENTS

MAIIF Accident investigation workshop in Italy

October, 2019

The workshop's objective was to share lessons learnt from accident investigations and develop safety recommendations and new implementations.

Joint exercise with Maritime Security Center.

23.10.2020

OTSB members participated in an Emergency Drill Exercise arranged by Maritime Security Center of a vessel on fire in the sea in Duqm along with representatives from Royal Oman Police (Coast Guard), Environment Authority, DGMA, Duqm Port, Masirah Petroleum Company and other entities.

Attending a ceremony was held this morning to activate the maritime security system at the Command and Control Center in North Al Batinah Governorate

20.12.2021

This within the framework of building an integrated radar system to discover and track the various maritime activities associated with the command and control centers in the governorates in the ports of the Sultanate of Oman and the Maritime Security Center.

MAIIF Webinars

The sole objective of the webinars was to share accident investigation experiences, knowledge and to revise IMO Regulations & MSC Circulars in order to enhance safety and also to share and discuss Safety Bulletin and Alerts.



Transport Safety Bureau

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