# Organization

### **Japan Transport Safety Board**

Chairman (1)

Expertise: Aerospace engineering

Members (Full-time, 7)

Expertise: Legislation, Operation and maintenance of aircraft, Air navigation services engineering, Maneuvering of aircraft, Railway engineering, Dynamics of machinery, Ship operation, Naval architect

Members (Part-time, 5)

Expertise: Human factors, Flight dynamics and control, Flight simulation, Flight test, Traffic engineering, Electrical engineering, Safety

X The numbers in parentheses are the prescribed number of staff members as of fiscal year 2022

#### Secretariat Director General Deputy Director Aircraft Accident Hakodate, Sendai, Railway Accident Yokohama, Investigators Kobe, Marine Accident Hiroshima, Investigators Nagasaki and Regional Naha Investigators Director for Director for Coordination of Management the Accident Investigation General Affairs Public Relations Office Accounts Office Analysis, Recommendation and Opinion Office Director for Policy

## Activities of JTSB

#### **Consideration for victims**

JTSB provides information on accident investigations for victims and their families, or the bereaved and responds to their voices.

Please do not hesitate to contact us.

Victims and their Families Liaison Office email: hqt-jtsb-faminfo2021@gxb.mlit.go.jp

#### **Outreach lectures**

Outreach lectures are conducted to broadly convey and communicate information about the work carried out by the Japan Transport Safety Board and to create an opportunity for collecting honest opinions and feedback from the general public.

Members of the staff are dispatched to schools and various seminars as lecturers to conduct sessions on contents that are useful for preventing and mitigating damage from aircraft, railway, and marine accidents. Please refer to the website of the Japan Transport Safety Board for application procedures.

https://www.mlit.go.jp/jtsb/demaekouza.html



#### **International activities**

International organizations are involved in the development and operation of systems for investigating aircraft and marine accidents. In conducting such investigations, the cooperation and collaboration of accident investigation authorities of the relevant states is required.

In addition to facilitating smooth cooperation and collaboration with other states, various international conferences are also organized in order to enhance the effectiveness of measures to prevent the recurrence of accidents, such as by sharing information on accidents and investigation methods. The Japan Transport Safety Board participates in these conferences actively.



#### **Japan Transport Safety Board**

1-6-1 Yotsuya Shinjuku-ku, Tokyo, 160-0004, Japan

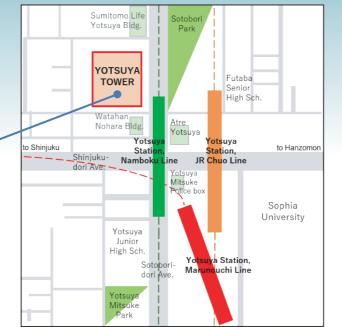
Tel: +81-3-5367-5025 E-mail: hqt-JTSB-pr@gxb.mlit.go.jp



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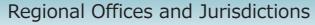


https://www.mlit.go.jp/jtsb/english.html









(The jurisdictions are divided only for the investigation of marine accidents/incidents)

#### **Hakodate Office**

24-4, Kaigan-cho, Hakodate city, Hokkaido, 040-0061, Japan Tel: +81-138-43-5517

#### Sendai Office

1-3-15, Gorin, Miyagino-ku, Sendai city, Miyagi, 983-0842, Japan

Tel: +81-22-295-7313

#### Yokohama Office

5-57, Kitanaka-dori, Naka-ku, Yokohama city, Kanagawa, 231-0003, Japan Tel: +81-45-201-8396

#### **Kobe Office**

1-1, Hatoba-cho, Chuo-ku, Kobe city, Hyogo, 650-0042, Japan

Tel: +81-78-331-7258

### **Hiroshima Office**

3-10-17, Ujinakaigan, Minami-ku, Hiroshima city, Hiroshima, 734-0011, Japan Tel: +81-82-251-4603

#### Moji Office

1-3-10, Nishikaigan, Moji-ku, Kitakyushu city, Fukuoka, 801-0841, Japan Tel: +81-93-331-3707

#### Nagasaki Office

7-29, Matsugae-machi, Nagasaki city, Nagasaki, 850-0921, Japan Tel: +81-95-821-3537

#### Naha Office

2-11-1, Minato-machi, Naha city, Okinawa, 900-0001, Japan

Tel: +81-98-868-9335









Safety investigation into the causes of aircraft, railway and marine accidents/incidents, and the prevention of their recurrence



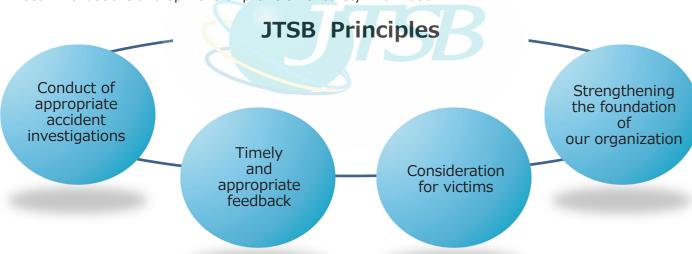
### JTSB Mission

#### We contribute to

- preventing the occurrence of accidents and
- mitigating the damage caused by them,

thus improving transport safety while raising public awareness, and thereby protecting the people's lives by

- accomplishing appropriate accident investigations which thoroughly unveil the causes of accidents and damages incidental to them, and
- urging the implementation of necessary policies and measures through the issuance of safety recommendations and opinions or provision of safety information.



### History

#### Jun. 1949 Establishment of Japan Marine Accident Inquiry Agency (JMAIA)

- Jul. 1971 Crash of a Toa Domestic Airlines aircraft in Mt. Yokotsudake, north of Hakodate, 68 fatalities
- Jul. 1971 Midair collision between an All Nippon Airways aircraft and a Self-Defense Forces aircraft in Shizuku-ishi Town, Iwate Prefecture, 162 fatalities

# Jan. 1974 Establishment of Aircraft Accidents Investigation Commission

- May 1991 Collision between a Shigaraki Kougen Railway passenger train and a West Japan Railway (JR-West) passenger train, 42 fatalities and 628 injuries
- Mar. 2000 Derailment and collision of Teito Rapid Transit Authority passenger trains on the Hibiya Subway Line, 5 fatalities and 64 injuries

# Oct. 2001 Establishment of Aircraft and Railway Accidents Investigation Commission (ARAIC)

Apr. 2005 Derailment of a JR-West passenger train on the Fukuchiyama Line,

107 fatalities and 562 injuries

- Mar. 2006 The supplementary diet resolution in 2006 amendment of the related laws (Expansion of the scope of work in accident investigations, as well as the enhancement of the system and the functions)
- May 2008 Amendment of International Convention for the Safety of Life at Sea (SOLAS) was adopted (separation of the investigation to identify causes in a marine accident from any proceeding to apportion blame or liability) Entry into force in January 2010

#### Oct. 2008 Establishment of Japan Transport Safety Board

···Merging of ARAIC with the cause-identification part of JMAIA

OAddition of ships as scope of investigation

#### OReinforcement of authority

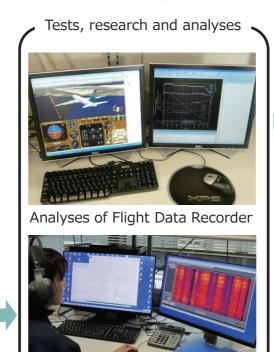
- ·Creation of new system permitting recommendations to parties concerned with causes
- ·Permission of appointing and dismissing staff members of secretariat and independently establishing rules
- OProvision of information to victims
- ·Provision of information on accident investigations and so forth in a timely and appropriate manner

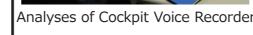
# Investigation Procedure

The JTSB conducts investigations to determine the causes of aircraft, railway and marine accidents, serious incidents<sup>\*1</sup> and damage caused by the accidents. Based on the process or the findings of the accident investigations, the JTSB provides recommendations or opinions to heads of relevant administrative organs or parties relevant to the causes, concerning the measures to be taken to prevent the recurrence of accidents and to mitigate damage caused by the accidents.



In addition, an Accident, etc. Investigation by the JTSB is not conducted to apportion the blame or liability for Accidents, etc.

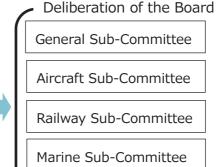






Analyses of Voyage Data Recorder

Provision of factual information to relevant administrative organs\*2



Drafting

the

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reports

Marine Expert Sub-Committee



Deliberation of the Board

Implementation of

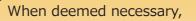
improvement

Comments by the parties relevant to the causes

Comments from the participating States

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Adoption by the Board



Opinion\*3

Recommendation\*4

Safety Recommendation\*5 policies or safety measures by the people concerned

Reports

on the website

Reports on implementation of the policies or the measures to the JTSB by the people concerned

The JTSB submits the final investigation reports to the Minister of Land,
Infrastructure, Transport and Tourism

Publication of the investigation report



The investigation reports and the Annual reports, etc. are downloadable on our website.

- \*1 "Serious incidents" (In the case of marine, "Incidents") are situations deemed to bear the risk of accidents occurring
- \*2 Provision of factual information to relevant administrative organs...On finding out an urgent, unsafe issue in the process of an accident investigation, the JTSB immediately gives information to relevant administrative organs.
- \*3 Opinion···Not only for issues raised from an investigation result, the JTSB also states opinions when deemed necessary on preventive measures to the Minister of Land, Infrastructure, Transport and Tourism or heads of relevant administrative organs in the process of the investigation or based on findings from similar accidents in the past in order to prevent the recurrence of accidents or mitigate the damage.
- \*4 Recommendation…The JTSB recommends the Minister of Land, Infrastructure, Transport and Tourism/parties relevant to the causes to take preventive measures/actions in order to prevent the recurrence of accidents or mitigate the damage based on the process or the findings of the accident investigation. The Minister of Land, Infrastructure, Transport and Tourism shall report the preventive measures on the basis of recommendation to the JTSB. The JTSB may, when the parties relevant to the accident have not taken any measures in accordance with the recommendation without justifiable grounds, make it public to that effect.
- Safety Recommendation. In the event of the occurrence of an aircraft or marine accident, the JTSB recommends relevant foreign organs and/or persons concerned to take preventive actions that it considers necessary to be taken promptly to enhance safety at any stage of the accident investigation on the basis of international convention.

# Dissemination of Information

#### JTSB Digests/Annual Reports, etc.

With the aim of fostering awareness of safety, and preventing similar accidents from occurring, we issue "JTSB Digests", "Annual Reports", "Regional Office Analysis" and "Safety Awareness Leaflet". These publication introduce you to statistics-based analyses, summary of the investigation reports, must-know cases of accidents and regional specific subjects.

We also issue the English version of "JTSB Digests" and "Annual Reports" as part of our efforts to disseminate information overseas.



### Japan-Marine Accident Risk and Safety Information System (J-MARISIS)

In order to further enhance the safety of maritime transport, the J-MARISIS is provided on the website to display information on accidents and risk information on a map interface.

A global version that enables the search of investigation reports by accident investigation authorities overseas, as well as a mobile version for smartphones and tablets, are also available for use.



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