

Chapter 1 Summary of major investigation activities in 2023

In the case of occurrence of aircraft, railway, or marine accidents, the JTSB designates an investigator-in-charge and accident investigators who begin investigations to determine their causes. Since we can never know when or where accidents may occur, the personnel of the Board, including accident investigators, are making continuous efforts to be able to conduct investigation activities immediately when accidents should occur.

Accident investigators conduct investigations and invite comments from parties relevant to the cause of the accident; accordingly, they make draft recommendations or opinions regarding the measures to be taken to prevent the recurrence of accidents and to mitigate damage caused by accidents. Therefore, they shall endeavor to improve their level of skill and knowledge by participating in national and international training; moreover, they share accident information among international society by attending international conferences.

In the future, we will continue to carry out thorough investigations into the causes of aircraft, railway, and marine accidents, and will publish our investigation reports as soon as possible. Based on the results of our investigations, we will also make recommendations and state our opinions as necessary to related government institutions and parties relevant to the causes of accidents to prevent the recurrence of accidents.

[Regarding recommendations and opinions, see “Chapter 2. Summary of recommendations and opinions issued in 2023” (page 18).]

1 Major accidents and serious incidents occurred in 2023, for which investigations commenced

The accidents and serious incidents also occurred in 2023. The primary investigations which the JTSB commenced are listed below:

(1) Aviation mode

- **Accident involving damage to a Boeing 767-300 (large aeroplane) of All Nippon Airways Co., Ltd. due to a collision with a vehicle on the apron at Narita International Airport (Occurred on January 25)**
- **Accident involving damage to a Boeing 747-400F (large aeroplane) of United Parcel Service, Inc. during landing on Runway B at Narita International Airport (Occurred on May 6)**
- **Accident involving damage to a PDAS-X06 (small aeroplane, pilotless aircraft) of PD AeroSpace (PDAS) shortly after takeoff from Shimojishima Airport, resulting in a water landing (Occurred on June 28)**
- **Accident involving serious injury caused by a privately owned Sami Sami Lab’s SAMI SAMI AGV2 (unmanned aircraft) in Kusu District, Oita Prefecture (Occurred on July 14)**
- **Accident involving damage to a Cirrus SR22 (small aeroplane) of the Civil Aviation College on a taxiway at Kushiro Airport during the landing (Occurred on September 7)**

In 2023, 17 aircraft accidents were subject to investigation, with investigations into the causes of 50 accidents conducted, including 33 ongoing accident investigations from the previous year. Further, 14 serious aircraft incidents were subject to investigation, with investigations into the causes of 35 serious incidents conducted, including 21 ongoing serious incident investigations from the previous year.

(2) Railway mode

- **Other accidents with casualties on the Toyama Chiho Railway Main Line between Echu-Ebara Station and Echu-Sango Station (Toyama City, Toyama Prefecture) (Occurred on April 11)**
- **Train derailment between Tosa-Shirahama Station and Ariigawa Station on the Nakamura Line of the Tosa Kuroshio Railway (Hata District, Kochi Prefecture) (Occurred on June 2)**
- **Other accidents with casualties at Ofuna Station on the Tokaido Line of East Japan Railway Company**

(Kamakura City, Kanagawa Prefecture) (Occurred on August 5)

- **Train derailment between Owani Station and Shukugawara Station on the Owani Line of Konan Railway Company (Minamitsugaru District, Aomori Prefecture) (Occurred on August 6)**

In 2023, 11 railway accidents were subject to investigation, with investigations into the causes of 27 accidents conducted, including 16 ongoing accident investigations from the previous year. Further, two serious railway incidents were subject to investigation, with investigations into the causes of four serious incidents conducted, including two ongoing serious incident investigations from the previous year.

(3) Marine mode

- **Grounding of the cargo ship XIN HAI ZHOU 2 northwest of Taketomi Island, Okinawa Prefecture (Occurred on January 24)**
- **Collision between the recreational fishing vessel SHINGYOMARU and the recreational fishing vessel SEA BRAVO off the coast of Hayase Fishing Port, Mihama Town, Fukui Prefecture (Occurred on March 15)**
- **Capsizing of PASSENGER SHIP NO. 9 on the Katsura River in Kameoka City, Kyoto Prefecture (Occurred on March 28)**
- **Collision between the container ship CONTSHIP UNO and the cargo ship IZUMIMARU in the Kii Channel (Occurred on August 24)**
- **Fatality of a crew member on the coal carrier ENERGIA CENTAURUS at Tokuyama-Kudamatsu Port in Kudamatsu City, Yamaguchi Prefecture (Occurred on September 21)**

In 2023, 658 marine accidents were subject to investigation, with investigations into the causes of 1,287 accidents conducted, including 636 ongoing accident investigations from the previous year (excluding seven incidents deemed to not be accidents as a result of investigations). Further, 158 marine incidents were subject to investigation, with investigations into the causes of 334 (excluding five incidents deemed to not be an incident as a result of investigations) incidents conducted, including 181 ongoing incident investigations from the previous year.

2 Major accidents and serious incidents for which investigation reports were published in 2023

Completed investigations into the causes of accidents and incidents undergo committee (subcommittee) review/resolution. Investigation reports were submitted to the Minister of Land, Infrastructure, Transport, and Tourism and published on the JTSB website. Major accidents and incidents, for which the investigation reports published on the website, are as follows.

(1) Aviation mode

- **Serious incident of an Airbus A320-214 (large aircraft) of Peach Aviation Limited that attempted to land on Runway 34L (Runway A) at Tokyo International Airport while another aircraft was using the runway (Occurred on November 30, 2019)**
- **Crash of a privately owned Robinson R66 (rotorcraft) in Oshiro, Shimada City, Shizuoka Prefecture (Occurred on December 30, 2020)**
- **Accident involving passenger injury due to shaking of an Airbus A320-214 (large aircraft) of Star Flyer Inc. at FL280 over Kurashiki City, Okayama Prefecture (Occurred on January 16, 2022)**
- **Fatal water landing accident of a privately owned Fuji Heavy**

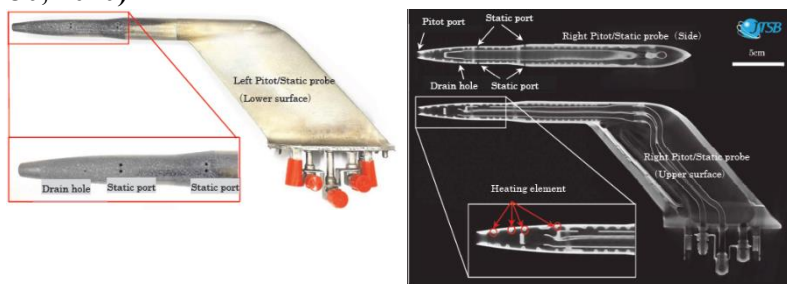


Photo of the pitot-static tube of the Ibex Airlines aircraft (left) and an X-ray CT scanner image taken by the JTSB (right)

Industries' FA-200-160 (small aeroplane) approximately 10 km west of Miike Port in Omuta City, Fukuoka Prefecture (Occurred on April 18, 2022)

- Serious incident involving multiple malfunctions that threatened the safety of an aircraft in flight, involving a Bombardier CL-600-2C10 (large aircraft) of IbeX Airlines Co., Ltd. at FL360 over Oda City, Shimane Prefecture (Occurred on April 18, 2022)

Completed investigation reports into 21 aircraft accidents and 17 serious aircraft incidents have been published.

(2) Railway mode

- Train derailment in the premises of Toneri-Koen Station on the Nippori-Toneri Liner, Tokyo Metropolitan Bureau of Transportation (Adachi-ku, Tokyo) (Occurred on October 7, 2021)
- Train derailment in the premises of Hikoneguchi Station (Hikone City, Shiga Prefecture) of the main line, OHMI Railway Co., Ltd. (Occurred on December 27, 2021)



Nippori-Toneri Liner train derailment

- Train derailment between Seno Station and Hachihommatsu Station on the Sanyo Line, Japan Freight Railway Company (Hiroshima City, Hiroshima Prefecture) (Occurred on December 28, 2021)
- Train derailment in the premises of Takamiya Station (Hikone City, Shiga Prefecture) of the Taga Line, OHMI Railway Co., Ltd. (Occurred on February 7, 2022)
- Serious incident (dangerous trouble in vehicle) in the premises of Shonan Kaigan Park Station on the Enoshima Electric Railway Line, Enoshima Electric Railway Co., Ltd. (Fujisawa City, Kanagawa Prefecture) (Occurred on July 24, 2022)
- Train derailment between Hage Station and Ekawasaki Station on the Yodo Line, Shikoku Railway Company (Shimanto City, Kochi Prefecture) (Occurred on August 25, 2022)
- Train derailment within the premises of Mukomachi Station on the Tokaido Line, West Japan Railway Company (Mukomachi City, Kyoto Prefecture) (Occurred on September 6, 2022)

Completed investigation reports into 17 railway accidents and one serious railway incident have been published.

Regarding the train derailment in the premises of Toneri Koen Station (Adachi-ku, Tokyo) on the Nippori-Toneri Liner of the Tokyo Metropolitan Bureau of Transportation published in the investigation report, a recommendation was made to the Tokyo Metropolitan Bureau of Transportation on February 16.

(Please refer to Chapter 2, “Summary of recommendations and opinions” on page 19.)

(3) Marine mode

- Collision between the fishing vessel TAKAHISAMARU and the recreational fishing vessel SHINEIMARU off the northern coast of Katsumoto Port, Iki City, Nagasaki Prefecture (Occurred on February 29, 2020)
- Grounding of the cargo ship WAKASHIO on the shallow reef in the southeastern part of Mauritius Island, Republic of Mauritius (Occurred on July 25, 2020)
- Grounding of the passenger ship SHRIMP OF ART northwest of Hasajima, Sakaide City, Kagawa Prefecture (Occurred on November 19, 2020)
- Explosion of the pleasure boat KUMASAN 007 at Motobu Port (Tokuchi District), Motobu Town, Okinawa Prefecture (Occurred on April 27, 2021)

- **Foundering of the passenger ship KAZU I off the western coast of the Shiretoko Peninsula, near Kashuni Falls, Hokkaido Prefecture (Occurred on April 23, 2022)**

Completed investigation reports into 678 marine accidents and 182 marine incidents have been published.

Regarding the injury accident involving a passenger on the recreational fishing vessel SUHARAMARU NO. 15 published in the investigation report, an opinion was expressed to the Director-General of the Fisheries Agency on February 16.

(Please refer to Chapter 2, “Summary of recommendations and opinions” on pages 20-21.)



Foundering of the passenger ship KAZU I

3 Major accidents and serious incidents for which progress reports were published in 2023

Regarding the injury accident involving a passenger on the recreational fishing vessel SUHARAMARU NO. 15 published in the investigation report, an opinion was expressed to the Director-General of the Fisheries Agency on February 16.

(1) Railway mode

- **Train derailment between the Tohoku Shinkansen Fukushima Station - Shiroishi Zao Station (Shiroishi City, Miyagi Prefecture) of East Japan Railway Company (Occurred on March 16, 2022)**

The JTBSB has been conducting investigations to determine the cause of this accident; however, obtaining factual information will still take time, as will analyzing the cause and considering measures to prevent a recurrence. For this reason, as it is expected to be difficult to complete the investigation within one year from the date of the accident, we will publish an interim report after its submission to the Minister of Land, Infrastructure, Transport and Tourism on February 16.

This progress report has been published on the JTBSB website.

<https://www.mlit.go.jp/jtsb/railway/rep-acci/keika20230216-1.pdf> (Japanese)

(2) Marine mode

- **Grounding of the cargo ship XIN HAI ZHOU 2 northwest of Taketomi Island, Okinawa Prefecture (Occurred on January 24, 2023)**

The JTBSB has been conducting investigations to determine the cause of this accident; however, obtaining factual information will still take time, as will analyzing the cause and considering measures to prevent a recurrence. For this reason, as it is expected to be difficult to complete the investigation within one year from the date of the accident, we will publish an interim report after its submission to the Minister of Land, Infrastructure, Transport and Tourism on December 21.

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https://www.mlit.go.jp/jtsb/ship/rep-acci/2023/keika20231221-0_2023tk0001.pdf (Japanese)

Column

JTSB Launches Its First Official Social Media

Public Relations Office

We started using Twitter!

On July 4, 2023, just before Twitter rebranded as X and changed its blue bird logo to the X mark, the JTSB launched its first official social media account.

Previously, our website and a monthly email newsletter were the main channels for our information dissemination.

To enhance our communication capabilities, we established an official social media account

to provide faster and more timely information to a broader audience, different from our website visitors and email newsletter subscribers.

In preparation for the launch, we developed operational guidelines and a user manual following the Ministry of Land, Infrastructure, Transport and Tourism’s information security policy. We also created an icon for the profile and selected a top image, taking into account the opinions of our younger staff members seemed to be familiar with social media.

We deliberated on the appropriate content for our first post within the Public Relations Office.

On the day of our first post, we received a considerable number of views, and it felt rewarding after all the hard work leading up to the launch.

On social media, we mainly share updates from our website. However, depending on the season, we also introduce useful content such as past “JTSB Digest” issues and post-accident investigation information before it is available on our website. Some content



運輸安全委員会
Japan Transport Safety Board

プロフィールを編集

運輸安全委員会

@JTSB_unyuanzen

運輸安全委員会公式アカウントです。運輸安全委員会ホームページの最新情報を中心に、国民の皆さまに情報を発信していきます。
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has garnered surprising views in number, even catching our team off guard.

Moving forward, our staff will continue to work together to share information that helps prevent accident recurrence, aiming to increase awareness of the JTSB’s activities. We appreciate your follow!

Official Account: @JTSB_unyuanzen

