

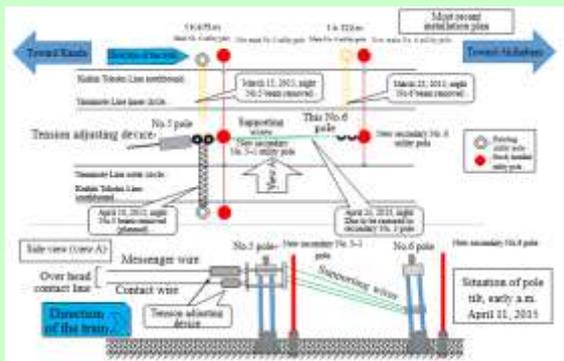
## JTBS ANNUAL REPORT 2017 英語版 (掲載事例抜粋)



### Collision with the aeronautical Radio Navigation aids caused by undershooting

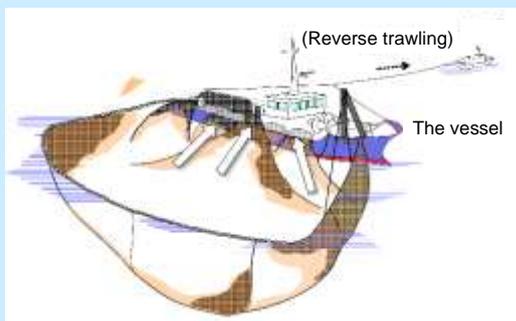
Asiana Airlines, Inc. Airbus A320-200, HL7762  
(April 14, 2015)

平成 27 年 4 月 14 日発生、アジアナ航空 (株) 所属エアバス式 A320-200 型 HL7762、広島空港に進入中、アンダーシュートにより航空保安無線施設と衝突



### East Japan Railway Company, Serious incident between Kanda Station and Akihabara Station on the Tohoku Line (Yamanote Line), Dangerous damage in facilities (April 12, 2015)

平成 27 年 4 月 12 日発生、東日本旅客鉄道 (株) 東北線 (山手線) 神田駅～秋葉原駅間 重大インシデント (施設障害)



### Capsize of fishing vessel GENPUKU MARU No.1 (December 24, 2014)

平成 26 年 12 月 24 日発生、漁船第一源福丸転覆

英語版ホームページにおける情報提供（年報以外）

運輸安全委員会ダイジェスト英語版  
「個人小型機及び滑空機の事故防止に向けて」  
(平成 29 年 2 月発行)

- Case Studies and Accident Analysis -

**JTSB Digests**  
JTSB (Japan Transport Safety Board)

(Issued in February 2017)

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**Digest of Aircraft Accident Analyses  
For prevention of Accidents Involving Private Small  
Aircraft and Gliders**

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**1. Preface**

Out of 176 aircraft accidents that occurred between 2006 and 2015 and were placed under investigations by the former Aircraft and Railway Accidents Investigation Commission and the Japan Transport Safety Board, 65 cases (approx. 40%)<sup>(\*)</sup> were accidents involving small aircraft operated for non-business purposes, and owned and flown by individuals, or operated by groups of aircraft lovers, etc. (hereinafter in this issue referred to as "private small aircraft" and gliders<sup>(\*\*)</sup>.)

The number of accidents involving private small aircraft and gliders has been rising, though it has shown temporary decreases occasionally (see Fig. 1).

Year	Private small aircraft	Gliders	Total
2006	4	1	18
2007	4	1	23
2008	3	1	17
2009	3	1	19
2010	2	1	12
2011	2	1	14
2012	1	1	18
2013	2	1	11
2014	4	1	17
2015	6	1	27

**Fig. 1 Changes in the number of aircraft accidents between 2006 and 2015**

In light of such circumstances, for the purpose of preventing the recurrence of similar aircraft accidents and mitigating damage, this report compiles the tendency of accidents involving private small aircraft and gliders, which was revealed through investigations, and introduces some investigated cases.

We also had interviews with the Japan Flying Association (JFA) and Aircraft Owners and Pilots Association (AOPA-Japan), which hold many private pilots as their members and have been working to prevent aircraft accidents, concerning their related activities and challenges.

(\*) Analysis targets are the aircraft accidents as follows (aircraft serious incidents are excluded):  
Type: Small aircraft (aircraft whose maximum take-off weight is not exceeding 5,700 kilograms, excluding ultralight planes) and gliders  
Ownership: Owned and managed by individuals or by non-clubs, etc. under individual names  
Flight purpose: Non-business purposes  
(\*\*) Gliders in this issue include motor gliders equipped with power units.

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船舶事故ハザードマップ・モバイル版〜より使いやすく〜  
(平成 27 年 6 月末から公開)

