

*SINGAPORE & COSCAP
CABIN SAFETY SEMINAR
19-21 NOV, 2013*

Emergency evacuation on ANA 692 at Takamatsu Airport

Akemi Inukai
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1. ANA Group Network



Passenger Service Network

We continue to offer convenience and a diverse network of numerous flights and routes to provide a variety of opportunities for air travel.

Passenger Service Network
**Domestic Routes:
132 Routes
1,068 Flights/Day**
**International Routes:
49 Routes
828 Flights/Week**

Note: As of July 1, 2013



Received a
5-star rating,
the world's highest



SKYTRAX

Named
Airline of the Year



ATW'S 39TH ANNUAL
AIRLINE INDUSTRY
ACHIEVEMENT AWARDS

Air Transport World

Won On-Time Performance
Service Awards in
Two Categories



FlightStats

2. Narrative

- ANA NH692 (RJDC to RJTT) took off from Yamaguchiube at 08:11. During climb, **there were a series of messages which indicated malfunction of main battery, followed by a foul smell inside the cockpit.**
The crew decided to divert to Takamatsu immediately.
- The aircraft landed at 08:47 and **made passenger evacuation on taxiway T4.** There were no sign of fire.
- NH692 carried 8 crews including 2 pilots and 129 passengers.
- 1 passenger received a sprained wrist and 2 passengers received minor scratches during evacuation.

3. The statements of Cabin crew/Cockpit Crew

08:26

On cockpit display
"EMER LIGHTS" "SMOKE EQUIPCLG FWD"

08:11 T/O

Yamaguchi Ube
Airport

08:47 L/D

Takamatsu
Airport

Haneda International
Airport
(TOKYO)

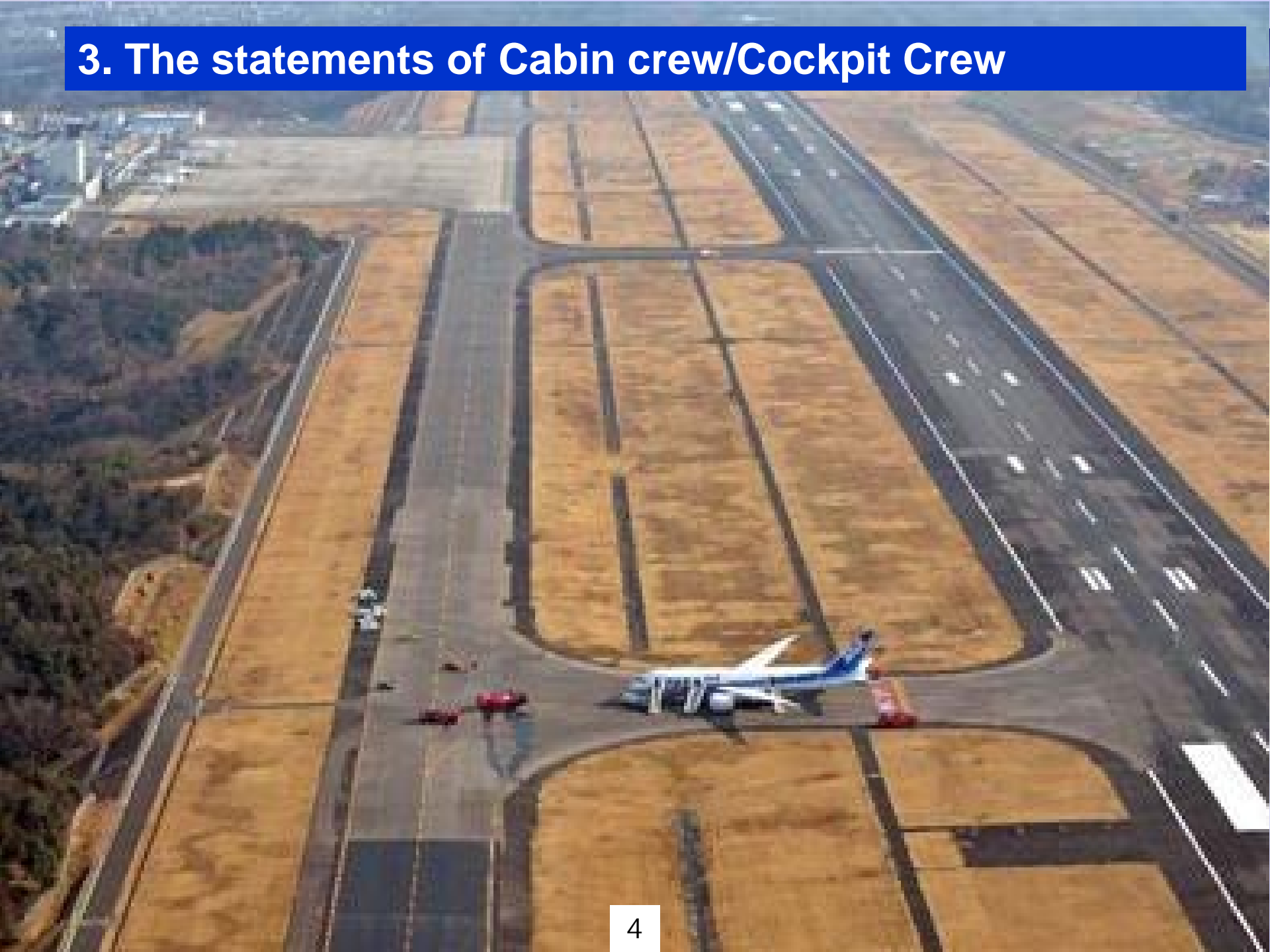
The aircraft had stopped.

Takamatsu
Airport

Evacuation on Taxiway T4

08:47 Landing on RW 26

3. The statements of Cabin crew/Cockpit Crew



4. The review of Emergency evacuation

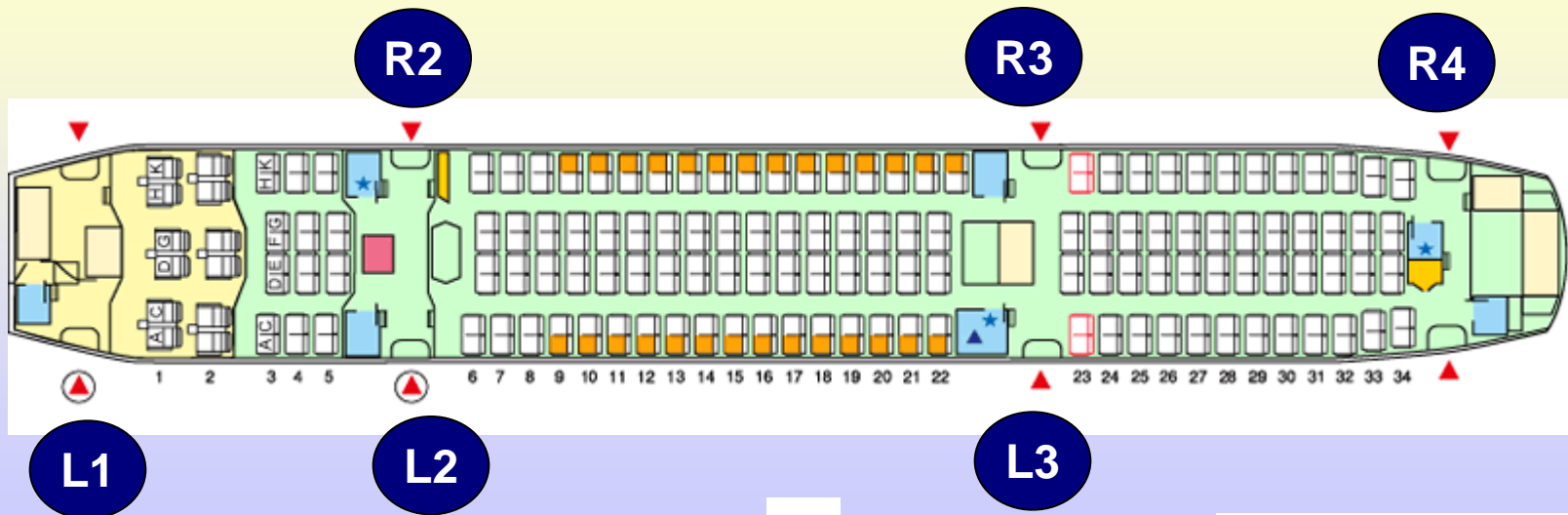
<Seat Configuration>

264 Seats;

Premium Class 12 seats/ Coach Class 252 Seats

<Door> 8 Doors;

<Cabin Crew> 6 Cabin Attendants;



4. The review of Emergency evacuation



FWD Electric Room

L1

L2

L3

Marks of smoke

Marks of smoke

4. The review of Emergency evacuation

<Passenger Attributes>

- Most of the passengers : businessmen
/No infants

- PANIC or Non-Panic?

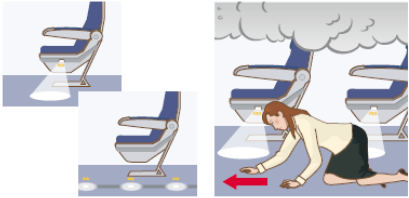
- Baggage

- Sliding condition



5. Lesson learned from the past

緊急脱出
Evacuation

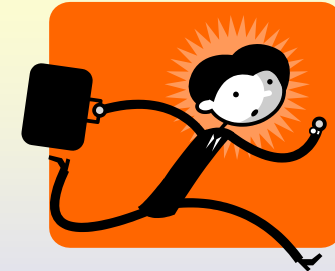


Safety Instruction Card B787-8

B787-8

⚠ 脱出時の注意 | For Evacuation

飛行機が完全に停止してから乗務員の指示に従い脱出してください。
Remain Seated until the Aircraft Comes to a Complete Stop and Follow the Instructions of the Crew Members for Evacuation.



6. The cause of the accident

- Takamatsu case; No.3 and/or No.6 cell released and damaged other cells



6. The cause of the accident

Boeing's SB(Service Bulletin) approved by FAA

- **To mitigate risks.**

1. Preventing heat released from each cell.
2. Preventing heat spreading from one cell to other.
3. Design to covers entire BAT so that no heat/smoke/electrolyte will be released outside in case of same situation happens again.

7. Conclusion



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Thank you.

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