



交通部民用航空局飛安公告

Aviation Safety Bulletin

ASB No: 109-060/O R1

July 13, 2020

Subject:

An ROC-registered A330 encountered a loss of all three primary flight computers (P1/P2/P3), the thrust reverser system and its automatic braking system upon landing on a wet runway. The root cause is still under investigation. All A330 operators shall set countermeasures for the abovementioned condition to ensure flight safety.

Description:

Upon landing on a wet runway with the thrust reverser system activated, the flight crew on an A330 aircraft noticed the loss of all three primary flight computers (P1/P2/P3), the thrust reverser, spoilers and automatic braking systems, thus affecting aircraft deceleration. Maximum manual braking was applied, and the aircraft was stopped right before the end of the runway safely. For safety concerns, the flight crew requested aircraft-towing.

Recommendations:

1. Before any A330 flight dispatch, consider possible deceleration deficiency with the conditions mentioned above if the runway condition is reported "wet" at the destination airport.
2. Corresponding landing distance required on a wet runway shall be predetermined. If the landing distance available is a concern, consider diverting to an alternate airport.
3. Operators shall enhance crew's awareness of wet runway operations for proper aircraft deceleration. If automatic braking is out of function, promptly apply manual braking.
4. ROC-registered Airbus aircraft operators with similar flight control computers and braking systems should refer to this bulletin to ensure flight safety.