



SI 02/15



Date : 14 March 2014  
Type : Airbus A330-323  
Registration : 9M-MTA  
Operator : Malaysia Airlines  
Fatality : 0  
Nature : Hard landing  
Location : Tullamarine International Airport, Melbourne, Australia

## **SUMMARY**

On 14 March 2015 Malaysia Airlines Airbus A330, registered 9M-MTA, began its approach to Melbourne (Tullamarine) after a flight from Kuala Lumpur. In the final stages of the approach, at approximately 50 feet, the captain reported feeling the aircraft sink and manually increased the thrust to the engines in an attempt to slow the rate of descent. Despite this action, the aircraft experienced a hard landing of a magnitude requiring replacement of the aircraft's main landing gear. There were no reported injuries as a result of the occurrence.

## **CONTRIBUTING FACTORS**

- The final approach became unstable at around 300 feet above the ground due to the control inputs from the captain.
- Inadequate monitoring and communication by the crew led to a lack of recognition of the undesirable flight state and the continuation of an unstable approach.
- Continuation of the unstable approach led to a high rate of descent at touchdown and resulted in a hard landing in excess of the aircraft design loads and short of the normal touchdown area.
- The captain used an unapproved manual thrust procedure in an attempt to recover the approach.

## **SAFETY RECOMMENDATIONS**

Nil.