

Follow-up Action on Occurrence Report

**SERIOUS INCIDENT INVOLVING DORNIER DO328-110, D-CPRW, AT RONALDSWAY (IOM) AIRPORT ON 28 NOVEMBER 2005
(ABANDONED TAKEOFF IN ICING CONDITIONS)**

CAA FACTOR NUMBER : F38/2006
FACTOR PUBLICATION DATE : 10 November 2006
OPERATOR : Euromanx
CAA OCCURRENCE NUMBER : 2005/09725
AAIB REPORT : Bulletin 10/2006

SYNOPSIS

(From AAIB Report)

The aircraft had a covering of frost and was de-iced/ anti-iced using a heated mixture of Type II+ de-icing fluid and water. The commander commenced the takeoff run and at the calculated rotation speed pulled the control column aft. The aircraft did not appear to rotate in response to the control input and he abandoned the takeoff. The aircraft was brought to a stop on the runway.

The probable cause of the incident was the incorrect V/VR speed selected. Contamination must have been present on the tail surfaces because the aircraft would not rotate at the 'normal' rotation speed for its configuration and load but it was not possible to determine whether the contaminant was ice or thickened fluid. The problem may have occurred because fluid was sprayed from the trailing edge towards the leading edge.

Two safety recommendations were made.

FOLLOW UP ACTION

The two Safety Recommendations, made by the AAIB following their investigation, are reproduced below, together with the CAA's responses.

Recommendation 2006-72

The Joint Aviation Authorities should contact all Dornier 328 Type Rating Training Organisations within JAA member States and emphasise the need to train pilots to use icing speeds following de-icing/anti-icing with thickened fluids, even when in non-icing conditions.

CAA Response

This Recommendation is not addressed to the CAA.

CAA Status - Closed

Recommendation 2006-73

EuroManx should provide annual pre-winter flying awareness refresher training and information to all its flight crews. This refresher training should emphasise the need to use the correct icing speeds even in non-icing conditions.

CAA Response

This Recommendation is not addressed to the CAA.

CAA Status - Closed