

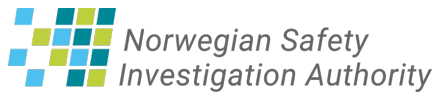
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Investigation of a serious incident on approach to Svolvær airport

On Thursday 22 December 2022 the crew of a flight inbound for Svolvær airport (ENSH) received a pull-up warning from the Enhanced Ground Proximity Warning System (EGPWS) during approach to runway 01. Uncorrected QNH setting resulted in the plane flying 700 feet lower than the indicated barometric altitude. The aircraft returned to Bodø lufthavn (ENBO) where a normal landing was performed.

The investigation has focused on the barriers implemented by Widerøe to ensure the local air pressure (QNH) is set on the airplane's barometric altimeters. The investigation has also focused on technical solutions that could act as a barrier to prevent misset QNH.

Lastly the investigation has reviewed the robustness of the EGPWS as a barrier to prevent misset QNH.

Status of investigation

The investigation is ongoing.

Latest update: 09.02.2024

Facts

Location	Final approach to Svolvær airport, Norway
Occurrence date	22.12.2022
ICAO Location indicator	ENSH
Aircraft	DeHavilland DHC-8
Registration	LN-WIP

Meteorological conditions	IMC
County	Nordland
Type of occurrence	Serious incident
Type of operation	Scheduled air transport
Category of operation	Heavy, aeroplane (> 10 000kg)
Aircraft category	Landplane, Multi-engine, Turboprop/turboshaft
FIR/AOR	ENBD (Bodø ATCC)

NSIA conducts its investigations for the sole purpose of improving transportation safety. The object of a safety investigation is to clarify the sequence of events and root cause factors, study matters of significance for the prevention of transportation accidents and improvement of transportation safety, and to publish a report with eventually safety recommendations. NSIA shall not apportion any blame or liability. Use of information from this investigation for any other purpose than for improvements of transportation safety shall be avoided.