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COMISIÓN DE
INVESTIGACIÓN
DE ACCIDENTES
E INCIDENTES DE
AVIACIÓN CIVIL

Interim report IN-039/2013

Incident involving a Boeing 737-800,
registration EI-DPF, operated by Ryanair,
at 8000 ft after take-off from the Tangier
Airport (Morocco) on 8 November 2013
at 19:37 UTC



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DE ESPAÑA

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SUBSECRETARÍA

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Important notice

This document constitutes the interim statement envisioned in Article 16.7 of Regulation (EU) no. 996/2010 of the European Parliament and of the Council, as well as in paragraph 6.6 of Annex 13 to the Convention on International Civil Aviation. The statement includes the details of the progress of the investigation and the most important operational safety issues revealed to date. The information provided herein is subject to change as the investigation proceeds.

Pursuant to the contents of Regulation (EU) no. 96/2010 of the European Parliament and of the Council and of Annex 13 to the Convention on International Civil Aviation, the investigation is purely technical in nature and is not intended to determine or apportion blame or liability. The investigation is being conducted without necessarily resorting to evidentiary procedures and for the sole purpose of preventing future accidents.

Consequently, the use of this information for any purpose other than to prevent future accidents may result in faulty conclusions or interpretations.

Abbreviations

ATPL (A)	Airline Transport Pilot License (airplane)
CPL (A)	Commercial Pilot License (airplane)
ft	feet
UTC	Universal Coordinated Time

DATA SUMMARY**LOCATION**

Date and time	Friday, 8 November 2013 at 19:37 UTC¹
Site	Climbing at 8000 ft out of the Tangier Airport (Morocco)

AIRCRAFT

Registration	EI-DPF
Type and model	Boeing 737-800
Operator	Ryanair

Engines

Type and model	CFM International CFM56-7
Number	2

CREW

	Pilot	Copilot
Age	31	28
License	ATPL (A)	CPL (A)
Total flight hours	5000	1919
Flight hours on the type	4400	1133

INJURIES

	Fatal	Serious	Minor / None
Crew			6
Passengers			175
Third persons			

DAMAGE

Aircraft	None
Third parties	None

FLIGHT DATA

Operation	Commercial air transport - scheduled international - passenger
Phase of flight	En route - climb to cruise altitude

INTERIM REPORT

Date of approval	29 October 2014
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¹ All times in this report are in UTC.

1. INFORMATION ON THE INCIDENT

On Friday, 8 November 2013, a Boeing 737-800, registration EI-DPF, operated by Ryanair, took off from the Tangier Airport (GMTT) in Morocco en route to the Niederrhein Airport (EDLV) in Germany with 181 people onboard. During the climb, with the aircraft at about 8000 ft, the cabin crew reported the appearance of a white, dense and odorless smoke in the passenger cabin. The crew stopped the climb and decided to divert to the Seville Airport (LEZL) in Spain, which they contacted at 19:37 UTC to report the emergency.

The aircraft landed normally at 19:48 UTC. The aircraft left the runway and stopped on the taxiway, where the crew stopped the engines and opened the doors. There was no emergency evacuation and the passengers were deplaned without incident.

2. PROGRESS OF THE INVESTIGATION

The investigation revealed that there were three air conditioning system ducts in the area where the smoke originated that were out of position. The investigation focused on identifying the reasons why the ducts were in this condition and on analyzing the crew's handling of the emergency.

3. NEXT STEPS

The investigation is finished and the draft of the final report is being written.

