

Status:

Datum: Sonntag 15 Mai 1960

Zeit: 19:57 UTC



Flugzeugtyp: [Douglas DC-4-1009](#)

Fluggesellschaft: [Balair](#)

Kennzeichen: HB-ILA

Werknummer: 43072

Baujahr: 1946

Besatzung: Todesopfer: 12 / Insassen: 12

Fluggäste: Todesopfer: 0 / Insassen: 0

Gesamt: Todesopfer: 12 / Insassen: 12

Sachschaden: Zerstört

Konsequenzen: Written off (damaged beyond repair)

Unfallort: nahe Tora-Tonga  [Sudan](#)

Flugphase: Während des Fluges (ENR)

Betriebsart: Leerflug

Flug von: Khartoum-Civil Airport (KRT/HSSS), Sudan

Flug nach: Niamey Airport (NIM/DRRN), Niger

Unfallbericht:

The Balair DC-4 flew into a slope of the Djebel Marr mountains while cruising at 8000 feet. The airplane was operating on a ferry flight from Jeddah, Saudi Arabia to Dakar, Senegal.

Probable Cause:

PROBABLE CAUSE: "1) The fact that the aircraft progressed actually at an average ground speed of at least 200-205kts while the crew believed they were proceeding with no more than 175-178kts as estimated before takeoff. 2) That a slight directional difference of 2 or 3 degrees may have existed between the calculated track and the actual flight path. 3) That these two navigation inaccuracies could build up during a flight of 2,5h and could eventually result in a position error of about 70nm to the west and about 30nm to the south. 4) That for reasons unknown to the Board the position report given for 1906Z and apparently established on the base of an astronomical fix must have been inaccurate and that the crew were, therefore, not able to be conscious of the discrepancies between the dead-reckoning and their actual position. 5) That the aircraft flying at 8000ft hit a slope of the Djebel Marra mountains four minutes before the crew expected to be overhead the El Fasher beacon where they would have begun the climb to 12000ft and when, in their belief the aircraft should have been still more than 60 NM away from these mountains."

Fotos



accident date: 15-05-1960

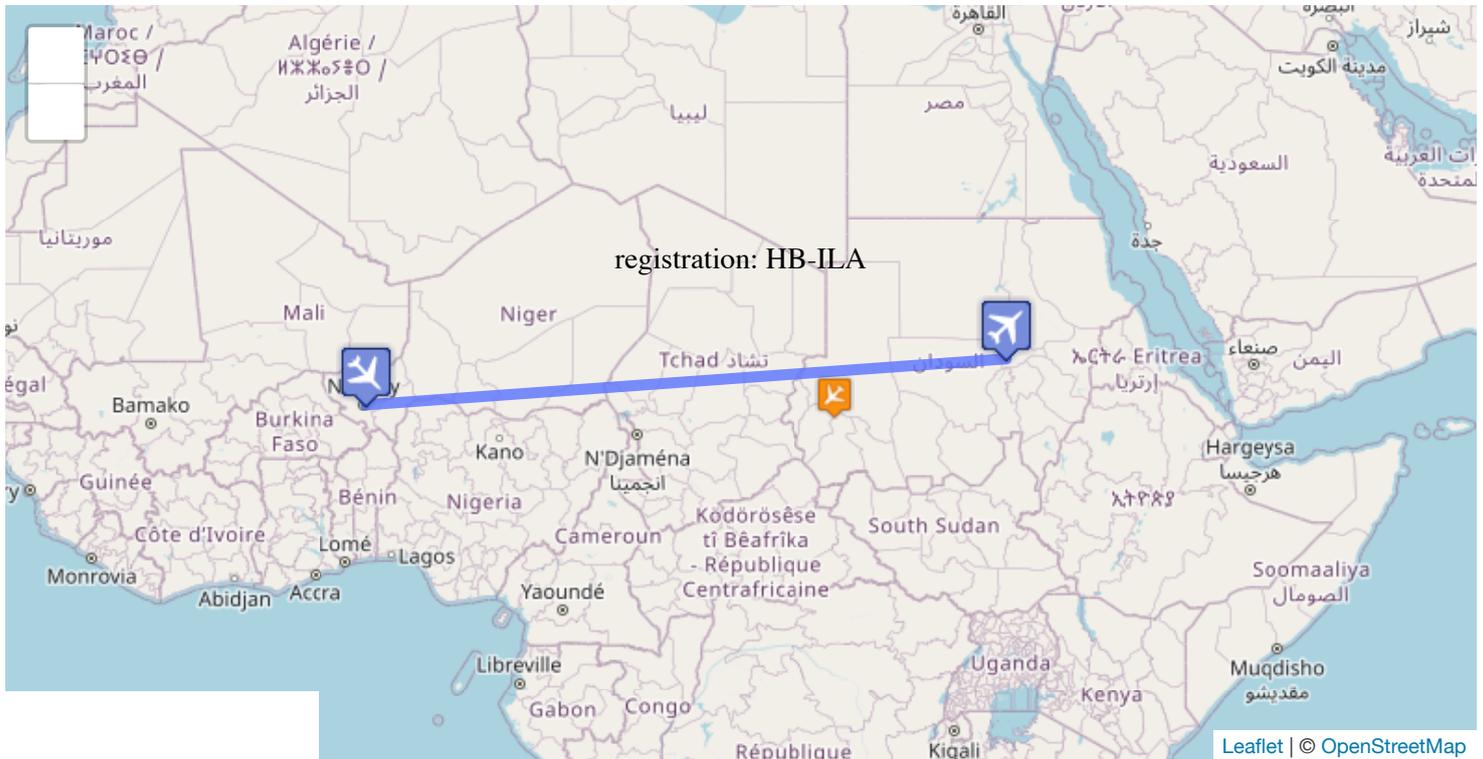
type: Douglas DC-4-1009

registration: HB-ILA

Map

This map shows the airport of departure and the intended destination of the flight. The line between the airports does not display the exact flight path.

Distance from Khartoum-Civil Airport to Niamey Airport as the crow flies is 3256 km (2035 miles). Accident location: Approximate; accuracy within a few kilometers.



This information is not presented as the Flight Safety Foundation or the Aviation Safety Network's opinion as to the cause of the accident. It is preliminary and is based on the facts as they are known at this time.

languages: 

Douglas DC-4



- 1242 built
- 227th loss
- 134th Fataler Unfall
- 65th worst accident (Zu diesem Zeitpunkt)
- 86th worst accident (Momentan)

» [safety profile](#)

Sudan

- 3rd worst accident (Zu diesem Zeitpunkt)
- 12th worst accident (Momentan)

» [safety profile](#)

The Aviation Safety Network is an exclusive service provided by:

Quick Links:

ASN Home Send Correction / Feedback
FSF Home Disclaimer
Join FSF Copyright
Contact Us Privacy Policy
Press / Media



701 N. Fairfax St., Ste. 250
Alexandria, Virginia 22314
www.FlightSafety.org

CONNECT WITH US:



©2022 Flight Safety Foundation