



**MINISTRY OF TRANSPORT, INFRASTRUCTURE, HOUSING,  
URBAN DEVELOPMENT AND PUBLIC WORKS**

**STATE DEPARTMENT FOR TRANSPORT**

**AIR ACCIDENT INVESTIGATION**

**PRELIMINARY REPORT**

OPERATOR:	Five Forty Aviation ltd
AIRCRAFT TYPE:	De Havilland DHC D8-314
AIRCRAFT MANUFACTURER:	De Havilland Aircraft of Canada Ltd.
YEAR OF MANUFACTURE:	TBA
AIRCRAFT REGISTRATION:	5Y - CHG
AIRCRAFT SERIAL NUMBER:	525
DATE OF REGISTRATION:	TBA
TYPE OF ENGINE:	PW123B, 2No.
DATE OF OCCURRENCE:	02 February, 2020
TIME OF OCCURRENCE:	1150
LOCATION OF OCCURRENCE:	Malindi Airport (HKML)
TYPE OF FLIGHT:	Commercial - Passenger
NUMBER OF PERSONS ON BOARD:	Crew – 3, Passengers - 10
INJURIES:	None
NATURE OF DAMAGE:	Minor
CLASS OF OCCURRENCE:	Incident (Ground)
PIC'S FLYING EXPERIENCE:	TBA

*All times given in this report are Local Time. East African Local Time is Coordinated Universal Time (UTC) plus 3 hours.*

**PHOTOS**



**1. 5Y-CGH parked at the apron area of Malindi airport: left main landing gear brakes hydraulic leak**



**2. Photos of the affected line and its replacement respectively.**

## **REMARKS**

On 02 February, 2020 at 1150, a Five Forty Aviation ltd (Fly540) De Havilland DHC D8-314 aircraft registration 5Y-CGH with thirteen onboard landed at Malindi airport (HKML) of Kilifi County from Manda airport (HKLK) of Lamu County. Manda airport is situated 136 km northeast of Malindi airport.

On touchdown, the number one hydraulic system line of the left main landing gear ruptured leading to loss of hydraulic pressure and hydraulic fluid. The crew proceeded to the apron area when the aircraft was parked. The airport's Aircraft Rescue and Firefighting engine was deployed and met the aircraft at the apron. All onboard disembarked from the parked aircraft safely.

The operator's maintenance crew was flown in from Wilson airport (HKNW) in Nairobi on the same day to fix the snag. The leaking system was identified; the ruptured line which is a flexible hose assembly replaced with a serviceable one and secured in accordance with the relevant sections of the approved maintenance manual and current Kenya Civil Aviation Authority's (KCAA's) regulations.

Successful functional check was conducted and the aircraft released back to service vide a signed certificate of release to service.

The investigation is terminated and AAID will not pursue further investigation

**Chief Investigator of Accidents**  
**16 February 2020**