



I00-022

SOUTH AFRICAN CIVIL AVIATION AUTHORITY

INCIDENT REPORT – EXECUTIVE SUMMARY

Date of Incident	30-10-2000	Time of Incident	1455z	
Aircraft Registration	LX-OCV	Type of Aircraft	Boeing 747-400	
Pilot-in-command Licence Type	Airline Transport Pilot Licence		Licence Valid	Yes
Pilot-in-command Flying Experience	Total Flying Hours	23757	Total Hours on Type	3514
Type of Operation	Scheduled International Cargo			
Last point of departure	Luxemburg			
Next point of intended landing	Johannesburg International Airport			

Location of the incident site with reference to easily defined geographical points (plus GPS readings if possible)

To the South-East of the intersection of F2 and C1 taxiways on Johannesburg International Airport.

Meteorological Information	Weather was fine.				
Number of people on board	3	No. of people injured	Nil	No. of people killed	Nil

Synopsis

The aircraft was on a flight from Luxemburg to Johannesburg International Airport (Flight no. CV 714) and was cleared to land on Runway 03R. After landing, the pilots were instructed by the ground controller to taxi along Taxiway H5 and hold short of Taxiway C1. They were then cleared to taxi along Taxiway C1 and hold at the holding point of Taxiway F2 for an aircraft to depart on Runway 03L. After they obtained clearance, during the time when the pilots applied breakaway thrust to be able to taxi over the Runway 03L, the jet blast of the aircraft caused a Cessna 208 - Caravan aircraft parked on the other side of the fence to jump the chocks in front and behind its nose wheel. The aircraft turned to its left and rolled forward towards its left, it impacted with another aircraft that was parked to left and forward of it. The Cessna 208 impacted the parked aircraft, a Cessna 407 – Twin Caravan, on the side of its fuselage and its propeller spinner penetrated the parked aircraft's side.

During the investigation it was determined that several factors contributed to the incident. The pothole on the H4 Taxiway, the application of the power during the breakout phase of the taxi over the runway, the close proximity of the parked aircraft to each other and to the fence, no protection of the parked aircraft against the jetblast.

Probable Cause

The primary cause of the incident could be ascribed to the jetblast of the Boeing 747's engines that caused a force on the tail of the Cessna 208 large enough to cause the aircraft to swing its nose to the left. This caused the aircraft to impact with the parked Cessna 407.