AAIB Bulletin No: 2/94 Ref: EW/G93/11/15 Category: 1.1

INCIDENT

Aircraft Type and Registration: Airbus A320-231, G-OOAB

No & Type of Engines: 2 International Aero Engine V2500-A1 turbofan engines

Year of Manufacture: 1992

Date & Time (UTC): 28 November 1993 at 1445 hrs

Location: Bristol (Lulsgate) Airport

Type of Flight: Public Transport

Persons on Board: Crew - 7 Passengers - 38

Injuries: Crew - None Passengers - None

Nature of Damage: Puncture of the aircraft skin aft of the tail fin

Commander's Licence: Airline Transport Pilot's Licence

Commander's Age: 46 years

Commander's Flying Experience: 11,900 hours (of which 465 were on type)

Last 90 days - 204 hours Last 28 days - 44 hours

Information Source: Aircraft Accident Report Form submitted by the pilot and

engineering report by the Handling Agent

During de-icing of the aircraft prior to departure the de-icing rig lower boom raised itself forcing the upper boom and basket down onto the top of the tail cone of the aircraft. Under test it was found that the boom operated without any operator control inputs. A subsequent investigation by the Handling Agent established that components within the basket control box had failed causing incorrect flow of the hydraulic fluid.