

**Aviation Safety Investigation Report
199301025**

**Boeing Co
B747**

21 April 1993

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Investigations commenced on or before 30 June 2003, including the publication of reports as a result of those investigations, are authorised by the Executive Director of the Bureau in accordance with Part 2A of the Air Navigation Act 1920.

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NOTE: All air safety occurrences reported to the ATSB are categorised and recorded. For a detailed explanation on Category definitions please refer to the ATSB website at www.atsb.gov.au.

Occurrence Number: 199301025 **Occurrence Type:** Incident
Location: Bangkok
State: Other **Inv Category:** 4
Date: Wednesday 21 April 1993
Time: 0845 hours **Time Zone** UTC
Highest Injury Level: None

Aircraft Boeing Co
Manufacturer:
Aircraft Model: 747-438
Aircraft Registration: VH-OJG **Serial** 24779
Number:
Type of Operation: Air Transport High Capacity International Passenger
Scheduled
Damage to Aircraft: Nil
Departure Point: Bangkok Thailand
Departure Time:
Destination: Singapore

Approved for Release: Monday, August 30, 1993

The pilot reported that at 11,000 feet on climb out of Bangkok the Traffic Collision Avoidance System (TCAS) gave a traffic alert message immediately followed by a 'climb, increase climb' warning. Evasive action was taken. The initial navigation display indicated traffic at a range of one half to one nautical mile ahead in the 12 o'clock position, 300 feet above and in level flight. Air Traffic Control reported no traffic in the area. Visibility was about 10 kilometres in haze and no aircraft was sighted in that position.

Subsequent investigation revealed no defect with TCAS equipment.
