Aviation Safety Council

Taipei, Taiwan

SINGAPORE AIRLINES FLIGHT SQ029 AIRCRAFT TYPE BOEING 747-400 REGISTRAITON NO.9VSPB STRAYED INTO REMOTE PARKING BAY WING STRUCK AIRCRAFT TAIL STANDS WHEN TAXIING IN CKS INTERNATIONAL AIRPORT

Executive Summary

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On July 19, 2002, a Singapore Airlines Flight SQ029, bearing Singapore registration number 9VSPB, a Boeing 747-400 aircraft, conducted a schedule passenger flight from Chiang-Kai-Shek International Airport to Singapore Changi International Airport.

The SQ029 Captain (CM-1) acting as PNF (pilot not flying). The First Officer (CM-2) acting as PF (pilot flying), performed engine start, taxi, and takeoff duties, etc...

At around 7:10 am Taipei local time (hereinafter are the same), SQ029 pushed back from Bay C6 onto Taxiway SS. At 0717:35, SQ029 requested and received taxi clearance: "Singapore two nine taxi to Runway Two Four via Taxiway Sierra Five Sierra Papa". As the aircraft taxied on Taxiway SS after abeam Remote Apron 612 and 611, made an early right turn onto Remote Apron 610 prior to Taxiway S5. As the aircraft continued to taxi, the right wing hit the two tail stands, then made a left turn onto Taxiway SP and took off on Runway 24.

The reported weather at the time of this incident occurred at C.K.S. International Airport was VMC with visibility over 10km.

Safety Recommendations

To Singapore Airlines

1. Request the airline exams and audit their pilot's safety concept during aircraft taxing, which includes: (1) visually keeping safe separation between aircraft and obstacle; (2) prior to turning onto another taxiway, the crew must identify and verify the

assigned routing; and (3) during taxing, whenever there is any doubt about assigned routing, location or obstacles, this should be properly and immediately addressed. (ASC-ASR-03-06-001)

2. Reinforce the PIC's training requirements in regards to situation awareness and decision-making. (ASC-ASR-03-06-002)

To Civil Aeronautics Administration (CAA)

1. Refer ASC-ASR-02-04-25 to review the visual aids on all civil airports to comply with international standards and practices. (ASC-ASR-03-06-003)

2. Evaluate the operating procedures within CKS International Airport to prevent aircraft from taxiing across the remote apron. (ASC-ASR-03-06-004)

3. Review airport emergency reporting and management system including operation procedures, regulations and equipments. (ASC-ASR-03-06-005)

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