
Birdstrike, Boeing 747-400, YR-HUK, April 12, 1997

Micro-summary: This Boeing 747 struck a large bird, causing significant damage.

Event Date: 1997-04-12 at 0900 ADT


Investigative Body: National Transportation Safety Board (NTSB), USA


Investigative Body's Web Site: <http://www.nts.gov/>


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		NTSB ID: ANC97LA056		Aircraft Registration Number: VRHUK	
		Occurrence Date: 04/12/1997		Most Critical Injury: None	
		Occurrence Type: Accident		Investigated By: NTSB	
Location/Time					
Nearest City/Place ANCHORAGE		State AK	Zip Code 99502	Local Time 0900	Time Zone ADT
Airport Proximity: Off Airport/Airstrip		Distance From Landing Facility:		Direction From Airport: 240	
Aircraft Information Summary					
Aircraft Manufacturer Boeing		Model/Series 747-400		Type of Aircraft Airplane	
Sightseeing Flight: No			Air Medical Transport Flight: No		
Narrative					
Brief narrative statement of facts, conditions and circumstances pertinent to the accident/incident:					
<p>On April 12, 1997, about 0900 Alaska daylight time, a Cathay Pacific Airways Boeing 747-400, VR-HUK, struck a large bird during the approach phase of flight into the Anchorage International Airport, Anchorage, Alaska. The airplane was being operated as an instrument flight rules (IFR) international cargo flight under Title 14 CFR Part 129 when the accident occurred. The airplane, operated as flight CX-084, sustained substantial damage. The captain and first officer, and two relief crew members, were not injured. Visual meteorological conditions prevailed. The flight originated at the Hong Kong International Airport, on a local date of April 12, 1997, at 1556. The stop in Anchorage was part of a continuing flight to Toronto, Canada.</p> <p>A Federal Aviation Administration (FAA) airworthiness inspector, Anchorage Flight Standards District Office (FSDO), reported the airplane landed and taxied to a parking spot without the crew having any knowledge of a bird strike. A postflight inspection of the airplane revealed an impact with the leading edge of the left wing, about 2 feet outboard of the number 2 engine. The inspector reported the leading edge of the wing was dented and buckled, several rivets were broken, and the leading edge spar was damaged. A small portion of upper wing composite material was missing.</p> <p>In the pilot/operator report (NTSB form 6120.1/2) submitted by the operator, the crew indicated no bird impact was noticed during the landing approach. The landing lights were utilized during the approach. The airport's automatic terminal information service (ATIS) included a caution about birds in the vicinity of the airport.</p>					
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 National Transportation Safety Board FACTUAL REPORT AVIATION		NTSB ID: ANC97LA056				
		Occurrence Date: 04/12/1997				
		Occurrence Type: Accident				
Landing Facility/Approach Information						
Airport Name ANCHORAGE INTERNATIONAL		Airport ID: ANC	Airport Elevation 137 Ft. MSL	Runway Used 0	Runway Length	Runway Width
Runway Surface Type:						
Runway Surface Condition:						
Type Instrument Approach:						
VFR Approach/Landing: Full Stop						
Aircraft Information						
Aircraft Manufacturer Boeing		Model/Series 747-400		Serial Number		
Airworthiness Certificate(s): Transport						
Landing Gear Type: Tricycle						
Homebuilt Aircraft? No	Number of Seats: 25	Certified Max Gross Wt.	871167 LBS	Number of Engines: 4		
Engine Type: Turbo Fan	Engine Manufacturer: Rolls-Royce	Model/Series: RB211-524G	Rated Power: 58000 LBS			
- Aircraft Inspection Information						
Type of Last Inspection AAIP	Date of Last Inspection	Time Since Last Inspection Hours	Airframe Total Time Hours			
- Emergency Locator Transmitter (ELT) Information						
ELT Installed? Yes	ELT Operated? No	ELT Aided in Locating Accident Site?				
Owner/Operator Information						
Registered Aircraft Owner CATHAY PACIFIC AIRWAYS LTD.		Street Address P.O. BOX 190104				
		City ANCHORAGE	State AK	Zip Code 99519		
Operator of Aircraft Same as Reg'd Aircraft Owner		Street Address Same as Reg'd Aircraft Owner				
		City	State	Zip Code		
Operator Does Business As:			Operator Designator Code:			
- Type of U.S. Certificate(s) Held: None						
Air Carrier Operating Certificate(s):						
Operating Certificate:			Operator Certificate:			
Regulation Flight Conducted Under: Part 129: Foreign						
Type of Flight Operation Conducted: Non-scheduled; International; Cargo						
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 <p>National Transportation Safety Board FACTUAL REPORT AVIATION</p>	NTSB ID: ANC97LA056
	Occurrence Date: 04/12/1997
	Occurrence Type: Accident

First Pilot Information

Name On File	City On File	State	Date of Birth On File	Age 39
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Sex: M	Seat Occupied: Left	Principal Profession: Civilian Pilot	Certificate Number: On File
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Certificate(s): Airline Transport

Airplane Rating(s): Multi-engine Land

Rotorcraft/Glider/LTA: None

Instrument Rating(s): Airplane

Instructor Rating(s): None

Type Rating/Endorsement for Accident/Incident Aircraft? Yes	Current Biennial Flight Review?
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Medical Cert.: Class 1	Medical Cert. Status: Valid Medical--no waivers/lim.	Date of Last Medical Exam: 04/1996
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- Flight Time Matrix	All A/C	This Make and Model	Airplane Single Engine	Airplane Multi-Engine	Night	Instrument		Rotorcraft	Glider	Lighter Than Air
						Actual	Simulated			
Total Time	12526	3015			3922					
Pilot In Command(PIC)	9251	2943			3030					
Instructor										
Last 90 Days	95	88			53					
Last 30 Days	54	51			28					
Last 24 Hours	9	9			5					

Seatbelt Used? Yes	Shoulder Harness Used? Yes	Toxicology Performed? No	Second Pilot? Yes
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Flight Plan/Itinerary

Type of Flight Plan Filed: IFR

Departure Point HONG KONG	State	Airport Identifier HKG	Departure Time 0756	Time Zone GMT
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Destination Same as Accident/Incident Location	State	Airport Identifier ANC	
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Type of Clearance: IFR

Type of Airspace: Class C

Weather Information

Source of Briefing:
No record of briefing

Method of Briefing:

 <p>National Transportation Safety Board FACTUAL REPORT AVIATION</p>	NTSB ID: ANC97LA056
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	Occurrence Type: Accident

Weather Information					
WOF ID	Observation Time	Time Zone	WOF Elevation	WOF Distance From Accident Site	Direction From Accident Site
	0000		0 Ft. MSL	0 NM	0 Deg. Mag.
Sky/Lowest Cloud Condition: Clear			0 Ft. AGL	Condition of Light: Day	
Lowest Ceiling: None		0 Ft. AGL	Visibility: 90	SM	Altimeter: 29.00 "Hg
Temperature: 2 °C	Dew Point:	°C	Wind Direction:		Density Altitude: Ft.
Wind Speed: Calm	Gusts:	Weather Conditions at Accident Site: Visual Conditions			
Visibility (RVR): 0 Ft.	Visibility (RVV) 0	SM	Intensity of Precipitation: Unknown		
Restrictions to Visibility: None					
Type of Precipitation: None					

Accident Information		
Aircraft Damage: Substantial	Aircraft Fire: None	Aircraft Explosion: None

Classification: Foreign Registered/U.S. Soil					
- Injury Summary Matrix	Fatal	Serious	Minor	None	TOTAL
First Pilot				1	1
Second Pilot				1	1
Student Pilot					
Flight Instructor					
Check Pilot					
Flight Engineer					
Cabin Attendants					
Other Crew				2	2
Passengers					
- TOTAL ABOARD -				4	4
Other Ground	0	0	0		0
- GRAND TOTAL -	0	0	0	4	4

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National Transportation Safety Board

FACTUAL REPORT

AVIATION



NTSB ID: ANC97LA056

Occurrence Date: 04/12/1997

Occurrence Type: Accident

Administrative Information

Investigator-In-Charge (IIC)

SCOTT R. ERICKSON

Additional Persons Participating in This Accident/Incident Investigation:

TERRY MUSICK
FAA-AL-ANC-FSDO
ANCHORAGE, AK 99502