



National Transportation Safety Board Aviation Accident Final Report

Location:	ANCHORAGE, AK	Accident Number:	ANC92LA041
Date & Time:	02/24/1992, 0638 AST	Registration:	N723CA
Aircraft:	DE HAVILLAND DH6	Aircraft Damage:	Substantial
Defining Event:		Injuries:	1 Minor, 11 None

Flight Conducted Under: Part 135: Air Taxi & Commuter - Scheduled

Analysis

DURING THE POST LANDING TAXI, THE AIRPLANE AND AN AIRPORT RAMP TUG COLLIDED WITH ONE ANOTHER. BOTH PILOTS IN THE AIRPLANE AND THE TUG DRIVER SAID THEY DID NOT SEE EACH OTHER UNTIL THE COLLISION OCCURRED.

Probable Cause and Findings

The National Transportation Safety Board determines the probable cause(s) of this accident to be: INADEQUATE VISUAL LOOK OUT BY BOTH PILOTS IN THE AIRPLANE, AND THE DRIVER OF THE GROUND VEHICLE. CONTRIBUTING FACTORS TO THE ACCIDENT WERE THE ABSENCE OF SIDE CONSPICUITY LIGHTING ON THE GROUND VEHICLE, AND THE NIGHT LIGHTING CONDITIONS.

Findings

Occurrence #1: ON GROUND/WATER COLLISION WITH OBJECT
Phase of Operation: TAXI - FROM LANDING

Findings

1. (F) OBJECT - VEHICLE
2. (C) VISUAL LOOKOUT - INADEQUATE - PILOT IN COMMAND
3. (F) LIGHT CONDITION - NIGHT
4. (C) VISUAL LOOKOUT - INADEQUATE - COPILOT/SECOND PILOT
5. TERRAIN CONDITION - SNOWBANK
6. (C) VISUAL LOOKOUT - INADEQUATE - DRIVER OF VEHICLE

Factual Information

Pilot Information

Certificate:	Airline Transport; Commercial	Age:	31, Male
Airplane Rating(s):	Multi-engine Land; Multi-engine Sea; Single-engine Land; Single-engine Sea	Seat Occupied:	Left
Other Aircraft Rating(s):	None	Restraint Used:	Seatbelt, Shoulder harness
Instrument Rating(s):	Airplane	Second Pilot Present:	Yes
Instructor Rating(s):	None	Toxicology Performed:	Yes
Medical Certification:	Class 1 Valid Medical--no waivers/lim.	Last Medical Exam:	11/11/1991
Occupational Pilot:		Last Flight Review or Equivalent:	
Flight Time:	4400 hours (Total, all aircraft), 63 hours (Total, this make and model)		

Aircraft and Owner/Operator Information

Aircraft Manufacturer:	DE HAVILLAND	Registration:	N723CA
Model/Series:	DH6 DH6	Aircraft Category:	Airplane
Year of Manufacture:		Amateur Built:	No
Airworthiness Certificate:	Normal	Serial Number:	723
Landing Gear Type:	Tricycle	Seats:	21
Date/Type of Last Inspection:	02/14/1992, AAIP	Certified Max Gross Wt.:	12500 lbs
Time Since Last Inspection:	71 Hours	Engines:	2 Turbo Prop
Airframe Total Time:	12917 Hours	Engine Manufacturer:	P&W
ELT:	Installed, not activated	Engine Model/Series:	PT6A-27
Registered Owner:	MARKAIR EXPRESS, INC.	Rated Power:	620 hp
Operator:	MARKAIR EXPRESS, INC.	Air Carrier Operating Certificate:	Commuter Air Carrier (135); On-demand Air Taxi (135)
Operator Does Business As:	MARKAIR EXPRESS	Operator Designator Code:	HERA

Meteorological Information and Flight Plan

Conditions at Accident Site:	Visual Conditions	Condition of Light:	Night/Dark
Observation Facility, Elevation:	ANC, 144 ft msl	Observation Time:	0651 AST
Distance from Accident Site:	1 Nautical Miles	Direction from Accident Site:	360°
Lowest Cloud Condition:	Scattered / 7000 ft agl	Temperature/Dew Point:	-4° C / -6° C
Lowest Ceiling:	None / 0 ft agl	Visibility	20 Miles
Wind Speed/Gusts, Direction:	11 knots, 290°	Visibility (RVR):	0 ft
Altimeter Setting:	29 inches Hg	Visibility (RVV):	0 Miles
Precipitation and Obscuration:			
Departure Point:	KENAI, AK (ENA)	Type of Flight Plan Filed:	IFR
Destination:		Type of Clearance:	VFR
Departure Time:	0606 AST	Type of Airspace:	Class E

Airport Information

Airport:	ANCHORAGE INTERNATIONAL (ANC)	Runway Surface Type:	N/A
Airport Elevation:	144 ft	Runway Surface Condition:	
Runway Used:	0	IFR Approach:	
Runway Length/Width:		VFR Approach/Landing:	

Wreckage and Impact Information

Crew Injuries:	2 None	Aircraft Damage:	Substantial
Passenger Injuries:	9 None	Aircraft Fire:	None
Ground Injuries:	1 Minor	Aircraft Explosion:	None
Total Injuries:	1 Minor, 11 None	Latitude, Longitude:	

Administrative Information

Investigator In Charge (IIC):	ROY C DAW	Adopted Date:	05/26/1993
Additional Participating Persons:	GARY L ANDERSON; ANCHORAGE, AK		
Publish Date:			
Investigation Docket:	NTSB accident and incident dockets serve as permanent archival information for the NTSB's investigations. Dockets released prior to June 1, 2009 are publicly available from the NTSB's Record Management Division at pubinq@ntsb.gov , or at 800-877-6799. Dockets released after this date are available at http://dms.nts.gov/pubdms/ .		

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