



National Transportation Safety Board Aviation Incident Factual Report

Location:	JUNEAU, AK	Incident Number:	ANC94IA075B
Date & Time:	07/01/1994, 1900 AKD	Registration:	N1470Q
Aircraft:	CESSNA 185	Aircraft Damage:	None
Defining Event:		Injuries:	2 None
Flight Conducted Under:	Part 91: General Aviation - Personal		

On July 1, 1994, at 1900 Alaska daylight time, a Cessna 185 float plane, N1470Q, was involved in a near midair collision (NMAC) with a Boeing 737-400 airplane, N769AS, operating as Alaska Airlines flight 77, within the Juneau, Alaska, class D airspace (airport traffic area and control zone). Alaska flight 77 was operating under 14 CFR 121, as a scheduled domestic air carrier arriving from Gustavus, Alaska, and N1470Q was operating under 14 CFR Part 91 as a personal flight to Ketchikan from Juneau. Both aircraft were on a VFR flight plan in visual meteorological conditions and were in contact with the Juneau Air Traffic Control Tower. The Boeing was reportedly in an approach turn to final and the Cessna was on a downwind departure. Alaska flight 77 reportedly had five crewmembers and fifty-six passengers on board. The Cessna had a private pilot and a passenger on board. There were no reported injuries and no reported aircraft damage.

Both pilots reported a "near miss" condition had occurred and estimated the distance to be 30 to 50 foot separation, at approximately 800 foot (agl). The captain of the Boeing reported that he took evasive action by employing "max nose up and full power." The private pilot reported that the Boeing passed in front of him at a distance of 50 feet and did not take evasive action.

Pilot Information

Certificate:	Private	Age:	, Male
Airplane Rating(s):	Single-engine Sea	Seat Occupied:	Left
Other Aircraft Rating(s):	None	Restraint Used:	Seatbelt, Shoulder harness
Instrument Rating(s):	None	Second Pilot Present:	
Instructor Rating(s):	None	Toxicology Performed:	No
Medical Certification:	Class 3 Valid Medical--w/ waivers/lim.	Last FAA Medical Exam:	
Occupational Pilot:		Last Flight Review or Equivalent:	
Flight Time:	568 hours (Total, all aircraft), 530 hours (Total, this make and model), 560 hours (Pilot In Command, all aircraft), 90 hours (Last 90 days, all aircraft), 30 hours (Last 30 days, all aircraft), 4 hours (Last 24 hours, all aircraft)		

Aircraft and Owner/Operator Information

Aircraft Make:	CESSNA	Registration:	N1470Q
Model/Series:	185 185	Aircraft Category:	Airplane
Year of Manufacture:		Amateur Built:	No
Airworthiness Certificate:	Normal	Serial Number:	
Landing Gear Type:	Float	Seats:	5
Date/Type of Last Inspection:	Unknown	Certified Max Gross Wt.:	3350 lbs
Time Since Last Inspection:		Engines:	1 Reciprocating
Airframe Total Time:		Engine Manufacturer:	CONTINENTAL
ELT:		Engine Model/Series:	O-520
Registered Owner:	ERNEST B. MELOCHE	Rated Power:	300 hp
Operator:	ERNEST B. MELOCHE	Operating Certificate(s) Held:	None

Meteorological Information and Flight Plan

Conditions at Accident Site:	Visual Conditions	Condition of Light:	Day
Observation Facility, Elevation:	JNU, 10 ft msl	Distance from Accident Site:	3 Nautical Miles
Observation Time:	1845 ADT	Direction from Accident Site:	90°
Lowest Cloud Condition:	Thin Broken / 0 ft agl	Visibility	30 Miles
Lowest Ceiling:	Broken / 8000 ft agl	Visibility (RVR):	0 ft
Wind Speed/Gusts:	8 knots /	Turbulence Type Forecast/Actual:	/
Wind Direction:	330°	Turbulence Severity Forecast/Actual:	/
Altimeter Setting:	29 inches Hg	Temperature/Dew Point:	19° C / 7° C
Precipitation and Obscuration:			
Departure Point:		Type of Flight Plan Filed:	VFR
Destination:	KETCHIKAN, AK (KTN)	Type of Clearance:	VFR
Departure Time:	0000	Type of Airspace:	Class D

Airport Information

Airport:	JUNEAU INTL	Runway Surface Type:	
Airport Elevation:		Runway Surface Condition:	
Runway Used:	0	IFR Approach:	None
Runway Length/Width:		VFR Approach/Landing:	None

Wreckage and Impact Information

Crew Injuries:	1 None	Aircraft Damage:	None
Passenger Injuries:	1 None	Aircraft Fire:	None
Ground Injuries:	N/A	Aircraft Explosion:	None
Total Injuries:	2 None	Latitude, Longitude:	

Administrative Information

Investigator In Charge (IIC):	DOUGLAS R HERLIHY
Additional Participating Persons:	JAMES E MCCOY; JUNEAU, AK THOMAS ROGERS; SEATTLE, WA DAVID OLSON; SEATTLE, WA DAVID HUNSACKER; RENTON, WA
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/ .