



National Transportation Safety Board Aviation Accident Final Report

Location:	CALIFORNIA CITY, CA	Accident Number:	LAX90LA298A
Date & Time:	08/22/1990, 1020 PDT	Registration:	N250CA
Aircraft:	BELL 206B	Aircraft Damage:	Substantial
Defining Event:		Injuries:	2 None

Flight Conducted Under: Part 91: General Aviation - Other Work Use

Analysis

BOTH AIRCRAFT WERE INVOLVED IN A MOVIE OPERATION WITH THE HELICOPTER (N250CA) CARRYING A CAMERAMAN. THE DHC-6 (N203E) CARRIED PARACHUTISTS. THE PURPOSE OF THE OPERATION WAS TO PHOTOGRAPH THE PARACHUTISTS EXITING THE JUMP AIRCRAFT. THE PILOT OF N250CA SAID HE WAS IN FORMATION WITH N203E AND WAS MANEUVERING INTO CAMERA POSITION WHEN THE ROTOR BLADES CONTACTED THE VERTICAL STABILIZER AND RUDDER OF N203E. THE PILOT OF N203E WAS NOT IN A POSITION TO HAVE VISUAL CONTACT WITH THE HELICOPTER.

Probable Cause and Findings

The National Transportation Safety Board determines the probable cause(s) of this accident to be: THE FAILURE OF THE HELICOPTER PILOT TO MAINTAIN ADEQUATE CLEARANCE FROM THE JUMP AIRCRAFT. A FACTOR IN THE ACCIDENT WAS THE INABILITY OF THE JUMP AIRCRAFT PILOT TO MAINTAIN VISUAL CONTACT WITH THE HELICOPTER.

Findings

Occurrence #1: MIDAIR COLLISION
Phase of Operation: LANDING

Findings

1. FORMATION FLYING - INTENTIONAL - PILOT IN COMMAND
2. (C) CLEARANCE - NOT MAINTAINED - PILOT IN COMMAND

Factual Information

Pilot Information

Certificate:	Commercial	Age:	52, Male
Airplane Rating(s):	Multi-engine Land; Multi-engine Sea; Single-engine Land; Single-engine Sea	Seat Occupied:	Unknown
Other Aircraft Rating(s):	Helicopter	Restraint Used:	Seatbelt
Instrument Rating(s):	Airplane	Second Pilot Present:	No
Instructor Rating(s):		Toxicology Performed:	No
Medical Certification:	Class 2 Valid Medical--w/ waivers/lim.	Last Medical Exam:	07/03/1990
Occupational Pilot:		Last Flight Review or Equivalent:	
Flight Time:	7069 hours (Total, all aircraft), 882 hours (Total, this make and model), 6151 hours (Pilot In Command, all aircraft), 22 hours (Last 90 days, all aircraft), 18 hours (Last 30 days, all aircraft), 5 hours (Last 24 hours, all aircraft)		

Aircraft and Owner/Operator Information

Aircraft Manufacturer:	BELL	Registration:	N250CA
Model/Series:	206B 206B	Aircraft Category:	Helicopter
Year of Manufacture:		Amateur Built:	No
Airworthiness Certificate:		Serial Number:	2615
Landing Gear Type:	Skid	Seats:	5
Date/Type of Last Inspection:	Unknown	Certified Max Gross Wt.:	3000 lbs
Time Since Last Inspection:	0 Hours	Engines:	1 Turbo Shaft
Airframe Total Time:		Engine Manufacturer:	ALLISON
ELT:	Installed, not activated	Engine Model/Series:	E-20-73
Registered Owner:		Rated Power:	420 hp
Operator:	CINEMA AIR INC.	Air Carrier Operating Certificate:	None

Meteorological Information and Flight Plan

Conditions at Accident Site:	Visual Conditions	Condition of Light:	Not Reported
Observation Facility, Elevation:	, 0 ft msl	Observation Time:	0000
Distance from Accident Site:	0 Nautical Miles	Direction from Accident Site:	0°
Lowest Cloud Condition:	Clear / 0 ft agl	Temperature/Dew Point:	-18°C / -18°C
Lowest Ceiling:	None / 0 ft agl	Visibility	0 Miles
Wind Speed/Gusts, Direction:	/ 1 knots	Visibility (RVR):	0 ft
Altimeter Setting:		Visibility (RVV):	0 Miles
Precipitation and Obscuration:			
Departure Point:	CALIFORNIA CITY, CA (L71)	Type of Flight Plan Filed:	None
Destination:	(L71)	Type of Clearance:	None
Departure Time:	0945 PDT	Type of Airspace:	

Airport Information

Airport:		Runway Surface Type:	Dirt
Airport Elevation:	0 ft	Runway Surface Condition:	Dry
Runway Used:	0	IFR Approach:	None
Runway Length/Width:	6000 ft / 60 ft	VFR Approach/Landing:	Forced Landing

Wreckage and Impact Information

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

Administrative Information

Investigator In Charge (IIC):	G.E. PETERSON	Adopted Date:	03/12/1993
Additional Participating Persons:			
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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