Aviation Investigation Final Report

Location:	HOQUIAM, Washington	**Accident Number:**	SEA85LA151
Date & Time:	June 25, 1985, 10:45 Local	**Registration:**	N4991D
Aircraft:	BELL UH-1B	**Aircraft Damage:**	None
Defining Event:		**Injuries:**	1 Fatal, 1 None
Flight Conducted Under:	Part 133: Rotorcraft ext. load		

Analysis

THE HELICOPTER WAS BEING USED DURING AN EXTERNAL LOAD OPERATION TO MOVE LARGE BLOCKS OF WOOD. HOWEVER, WHILE HOVERING, THE SLING BROKE. SUBSEQUENTLY, A BLOCK OF WOOD STRUCK A COMPANY EMPLOYEE ON THE HEAD WHILE HE WAS WORKING ON THE GROUND.THE EMPLOYEE WAS FATALLY INJURED.

Probable Cause and Findings

The National Transportation Safety Board determines the probable cause(s) of this accident to be:

Findings

Occurrence #1: MISCELLANEOUS/OTHER
Phase of Operation: HOVER

Findings
1. (C) PICKUP EQUIPMENT - FAILURE,TOTAL

Factual Information

Pilot Information

Certificate:	Commercial	**Age:**	50,Male
Airplane Rating(s):	Single-engine land; Multi-engine land	**Seat Occupied:**	Left
Other Aircraft Rating(s):	Helicopter	**Restraint Used:**	
Instrument Rating(s):	Airplane	**Second Pilot Present:**	No
Instructor Rating(s):	None	**Toxicology Performed:**	No
Medical Certification:	Unknown Valid Medical--w/ waivers/lim	**Last FAA Medical Exam:**	January 4, 1985
Occupational Pilot:	Yes	**Last Flight Review or Equivalent:**	
Flight Time:	13700 hours (Total, all aircraft), 2370 hours (Total, this make and model), 190 hours (Last 90 days, all aircraft), 2 hours (Last 24 hours, all aircraft)		

Aircraft and Owner/Operator Information

Aircraft Make:	BELL	**Registration:**	N4991D
Model/Series:	UH-1B UH-1B	**Aircraft Category:**	Helicopter
Year of Manufacture:		**Amateur Built:**	
Airworthiness Certificate:	Restricted (Special)	**Serial Number:**	61-765
Landing Gear Type:	Skid	**Seats:**	6
Date/Type of Last Inspection:	July 1, 1984 Annual	**Certified Max Gross Wt.:**	7200 lbs
Time Since Last Inspection:	55 Hrs	**Engines:**	1 Turbo shaft
Airframe Total Time:	1995 Hrs	**Engine Manufacturer:**	LYCOMING
ELT:	Not installed	**Engine Model/Series:**	T53-11D
Registered Owner:	AIR LIFT HELICOPTER	**Rated Power:**	684 Horsepower
Operator:		**Operating Certificate(s) Held:**	
Operator Does Business As:		**Operator Designator Code:**	

Meteorological Information and Flight Plan

Conditions at Accident Site:	Visual (VMC)	**Condition of Light:**	Day
Observation Facility, Elevation:		**Distance from Accident Site:**	
Observation Time:		**Direction from Accident Site:**	
Lowest Cloud Condition:	Clear	**Visibility**	20 miles
Lowest Ceiling:	None	**Visibility (RVR):**	
Wind Speed/Gusts:	/	**Turbulence Type Forecast/Actual:**	/
Wind Direction:	0°	**Turbulence Severity Forecast/Actual:**	/
Altimeter Setting:	30 inches Hg	**Temperature/Dew Point:**	18°C
Precipitation and Obscuration:	No Obscuration; No Precipitation		
Departure Point:		**Type of Flight Plan Filed:**	None
Destination:		**Type of Clearance:**	None
Departure Time:	10:30 Local	**Type of Airspace:**	Class G

Airport Information

Airport:		**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:		**Aircraft Fire:**	None
Ground Injuries:	1 Fatal	**Aircraft Explosion:**	None
Total Injuries:	1 Fatal, 1 None	**Latitude, Longitude:**	47.110874,-123.959487(est)

Administrative Information

Investigator In Charge (IIC):	Carrera, Candace
Additional Participating Persons:	SUE GYGAX; SEATTLE , WA
Original Publish Date:	
Last Revision Date:	
Investigation Class:	Class
Note:	
Investigation Docket:	https://data.ntsb.gov/Docket?ProjectID=40187