



Aviation Investigation Final Report

Location:	LANDER, Wyoming	Incident Number:	DEN891A071
Date & Time:	January 30, 1989, 19:16 Local	Registration:	N87CH
Aircraft:	BEECH E90	Aircraft Damage:	Minor
Defining Event:		Injuries:	5 None
Flight Conducted Under:	Part 135: Air taxi & commuter - Non-scheduled		

Analysis

ACFT WAS ON A MEDIVAC FLT AND WAS TAKING OFF ON RWY 03 AT LANDER, WY. DURING THE TAKEOFF ROLL, PLT SAW TWO DEER RUNNING ACROSS RWY AND ROTATED ACFT ABRUPTLY TO AVOID COLLISION. HE FELT 'MODERATE' IMPACT. AFTER DETERMINING LEFT MAIN LANDING GEAR HAD BEEN DAMAGED, PLT DIVERTED TO CASPER, WY, WHERE THERE WAS LONGER, WIDER RWYS AND CFR FACILITIES. AFTER BURNING OFF EXCESS FUEL, PLT MADE INTENTIONAL WHEELS-UP LANDING. ACFT WAS EVACUATED IN 40 SEC. POST ACC INVESTIGATION REVEALED PARTS OF THE LEFT MAIN LNDG GEAR AND TWO DEAD DEER ON THE TAKEOFF RWY AT LANDER.

Probable Cause and Findings

The National Transportation Safety Board determines the probable cause(s) of this incident to be: DEER ON THE RUNWAY.

Findings

Occurrence #1: IN FLIGHT COLLISION WITH OBJECT
Phase of Operation: TAKEOFF - INITIAL CLIMB

Findings

1. (C) OBJECT - ANIMAL(S)
2. LANDING GEAR,MAIN GEAR - DISTORTED

Occurrence #2: GEAR NOT EXTENDED
Phase of Operation: LANDING - FLARE/TOUCHDOWN

Findings
3. WHEELS UP LANDING - INTENTIONAL - PILOT IN COMMAND

Factual Information

Pilot Information

Certificate:	Airline transport; Commercial; Flight instructor	Age:	32, Male
Airplane Rating(s):	Single-engine land; Multi-engine land	Seat Occupied:	Left
Other Aircraft Rating(s):	None	Restraint Used:	
Instrument Rating(s):	Airplane	Second Pilot Present:	No
Instructor Rating(s):	Airplane multi-engine; Airplane single-engine; Instrument airplane	Toxicology Performed:	No
Medical Certification:	Class 1 Valid Medical--no waivers/lim.	Last FAA Medical Exam:	January 19, 1989
Occupational Pilot:	Yes	Last Flight Review or Equivalent:	
Flight Time:	5460 hours (Total, all aircraft), 700 hours (Total, this make and model), 4951 hours (Pilot In Command, all aircraft), 49 hours (Last 90 days, all aircraft), 17 hours (Last 30 days, all aircraft), 5 hours (Last 24 hours, all aircraft)		

Aircraft and Owner/Operator Information

Aircraft Make:	BEECH	Registration:	N87CH
Model/Series:	E90 E90	Aircraft Category:	Airplane
Year of Manufacture:		Amateur Built:	
Airworthiness Certificate:	Normal	Serial Number:	LW-20
Landing Gear Type:	Retractable - Tricycle	Seats:	5
Date/Type of Last Inspection:	January 4, 1989 Continuous airworthiness	Certified Max Gross Wt.:	10100 lbs
Time Since Last Inspection:	24 Hrs	Engines:	2 Turbo prop
Airframe Total Time:	6137 Hrs	Engine Manufacturer:	P&W
ELT:	Installed, not activated	Engine Model/Series:	PT6A-28
Registered Owner:	WILLIAM J. MAYO	Rated Power:	550 Horsepower
Operator:		Operating Certificate(s) Held:	On-demand air taxi (135)
Operator Does Business As:	LIFE FLIGHT	Operator Designator Code:	CIEA

Meteorological Information and Flight Plan

Conditions at Accident Site:	Visual (VMC)	Condition of Light:	Night/dark
Observation Facility, Elevation:		Distance from Accident Site:	
Observation Time:		Direction from Accident Site:	
Lowest Cloud Condition:	Clear	Visibility	50 miles
Lowest Ceiling:	None	Visibility (RVR):	
Wind Speed/Gusts:	/	Turbulence Type Forecast/Actual:	/
Wind Direction:	0°	Turbulence Severity Forecast/Actual:	/
Altimeter Setting:		Temperature/Dew Point:	10°C
Precipitation and Obscuration:	No Obscuration; No Precipitation		
Departure Point:	(LND)	Type of Flight Plan Filed:	IFR
Destination:	DENVER , CO (DEN)	Type of Clearance:	None
Departure Time:	19:16 Local	Type of Airspace:	Class G

Airport Information

Airport:	HUNT FIELD LND	Runway Surface Type:	Asphalt
Airport Elevation:	5586 ft msl	Runway Surface Condition:	Dry
Runway Used:	3	IFR Approach:	None
Runway Length/Width:	5100 ft / 75 ft	VFR Approach/Landing:	None

Wreckage and Impact Information

Crew Injuries:	1 None	Aircraft Damage:	Minor
Passenger Injuries:	4 None	Aircraft Fire:	None
Ground Injuries:	N/A	Aircraft Explosion:	None
Total Injuries:	5 None	Latitude, Longitude:	42.829235,-108.720024(est)

Administrative Information

Investigator In Charge (IIC):	Scott, Arnold
Additional Participating Persons:	BURL W HARDESTY; CASPER , WY
Original Publish Date:	August 26, 1992
Last Revision Date:	
Investigation Class:	Class
Note:	
Investigation Docket:	https://data.ntsb.gov/Docket?ProjectID=17616

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